



BIG BLUE BOOK

**OF HABITAT UNI PARTNER UNIVERSITIES
2017-2018**

June Calvo-Soraluze
Anartz Madariaga
Geana Leschko

 **Deusto**
Cities Lab Katedra

UNI
UN-HABITAT'S NETWORK FOR PARTNERSHIPS
WITH ACADEMIC UNIVERSITIES

UN  **HABITAT**
FOR A BETTER URBAN FUTURE

BIG BLUE BOOK

OF HABITAT UNI PARTNER UNIVERSITIES

2017-2018

June Calvo-Soraluze
Anartz Madariaga
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Big blue book of HABITAT UNI partner universities
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FOREWORD

The world is urbanizing quickly, and cities and local governments are facing times of change while having the continued responsibility to ensure a safe and prosperous urban environment that offers a high quality of life for its people and create equal opportunities for all. Different urban stakeholders and agents of change are introducing new ideas, innovative approaches and solutions to cope with the challenges that we face in the 21st Century. Universities, think tanks and research institutions are part and parcel of this effort. I am pleased to note the establishment of cooperation between UN-Habitat and various groups of scholars and academic researchers, representing multiple institutions, to develop innovations in education, urban research and city projects. This will ultimately nurture a new generation of urban managers.



HABITAT UNI, the UN-Habitat partnership initiative with universities world-wide, embodies the spirit of collaboration, knowledge exchange and joint people-centred initiatives for a better and sustainable urban world, in line with the Sustainable Development Goal 11 and the New Urban Agenda. UN-Habitat is proud to facilitate and participate in this partnership that brings together more than 200 universities and 1,400 individual academics from several countries. I am pleased to see this collaboration gaining shape in eight thematic hubs such as the Informal Urbanism, Climate Change, Urban Regeneration, Safer Cities, Urban Accessibility, Urban Governance, Gender and Urban Form. Knowledge and skills are two precious commodities as we face the urban challenges of today.

This Big Blue Book is an initiative that provides to the wider public an excellent opportunity to get acquainted with 70 university partners of Habitat UNI. The Book showcases these universities' achievements in research and education and depicts the urban studies that being undertaken. This mapping of the academic and research activities in the field of cities and urban studies provides a fresh look into the knowledge that Universities and Research Centres are generating in a more holistic and integrated manner. Regardless of the location of the research centre, this Book shows that urban issues and challenges require collective efforts. Ensuring that no one and no place is left behind should be each stakeholder's goal.

I am pleased to introduce this Big Blue Book as essential reading on the university partners of UN-Habitat and their engagement in sustainable urban development. I invite readers to engage vigorously in this collaborative work between research academics and academic-practitioner collaboration.

A handwritten signature in black ink, appearing to read 'Maimunah', with a long horizontal line extending to the right.

Madame Maimunah Mohd Sharif
Under-Secretary-General and Executive Director
UN-Habitat

PREFACE

Deusto Cities Lab is a transdisciplinary, trans-sectoral team of professionals focused on the present and the future of cities.

We seek to make cities better places to live —generators of happiness, welfare and well-being for the people who inhabit and visit them— adapting to each individual case, while being open to all kinds of circumstances.

We want to take charge, charge up and put ourselves in charge of the everyday reality, problems and challenges faced in cities, in order to contribute to furthering democracy and promoting social justice.

We form an innovation ecosystem that undertakes research projects, learning programmes and communication actions on governance models, leadership styles and participation channels. We seek to foster transformation levers in cities —collaboration, creativity, co-competition, cohesion and compactness.

We promote joint initiatives with institutions, companies, social organisations and citizens related to:

- Research into the concept of the city: practices/models and data/rankings.
- Governance in processes to transform urban spaces and search for urban solutions to citizens' needs.
- Cross-cutting teaching and learning initiatives aimed at professionals and citizens.
- Communication actions and network collaborative work.

One of these joint initiatives is the Big Blue Book, a report which presents a global map of universities and research centres that form part of Habitat UNI. The main objective of this book is to gather information and present a map of all study programmes and research activities prepared by Habitat UNI Network members.

All the information compiled in this first edition is extraordinarily important in order to enhance collaboration among centres and researchers, promote mobility and exchange among teachers and students and finally, facilitate sharing and spreading the generated knowledge. We hope that, year by year, an increasing number of universities will take part in this initiative.

Therefore, this book intends to be useful not only to academia but also to public institutions, private enterprises and practitioners that are interested in the existing knowledge about cities.



Roberto San Salvador del Valle Doistua
Director Deusto Cities Lab Katedra
University of Deusto



INTRODUCTION

The Big Blue Book (BBB) seeks to gather all the knowledge that universities and research centres around the world have produced in the field of urban studies and to present it in an integrated map. This map is formed with a holistic and comprehensive view and presents the most important academic as well as research information for a total of 70 universities.

The book also presents a Learning Guide, which introduces a classification of universities based on the academic area of the programmes offered. This part is specially designed for students and researchers in order to facilitate their search of academic programmes related to urban studies around the world.

This introduction offers a general overview of the book's content, the goals that are pursued, the steps taken in the process and the structure in which the content is organized.

GOALS

The main goals of this book are as follow:

1. To identify and gather the universities that partnered with Habitat UNI and work in areas related to urban studies into one map.
2. To bring together and present the most important academic and research information on each of the Habitat UNI partners in a brief and similar manner.
3. To enable the sharing and spreading of the generated knowledge in areas related to urban studies.

STEPS

The phases of study for this book are presented below:

PHASE 1

Definition of the variables.

Along with Habitat UNI, we chose the variables that could add relevant information about each university. This process leads us to the definition of six general sections that appeared in each university report.

Survey design.

With the variables chosen and defined, we designed an online questionnaire along with Habitat UNI that could filled in on the network's website.

Identification of the universities and research centres under study.

The universities included in this book have the following characteristics:

1. They are official members of Habitat UNI and/or they have collaborated with the network in different ways.
2. They have an international and global perspective, even if they work at local or regional level.
3. They have a research centre, department or faculty that works actively in the urban studies and city planning research field.
4. They offer undergraduate, Master's, PhD and/or other programmes related to urban studies.

PHASE 2

Fieldwork: sending of the survey by email to individual Habitat UNI members.

The data were compiled between 7th of May and 18th of June 2017. The initial data were gathered with an online questionnaire that was sent to all the Habitat UNI members (including official partner focal points, alternates, and contact points) by email. The email contained the information on the project and the link to the questionnaire at the Habitat UNI portal. After sending the first email, another two emails were sent as a reminder the 28th of May and another final one the 11th of June.

Review of surveys.

The responses were carefully reviewed to reject those that included omissions or were not properly completed. Consequently, a total of 70 centres were counted and are included in the Big Blue Book.

PHASE 3

Generation of the data base in Excel and data exploitation.

Data analysis and classification.

PHASE 4

Data checking with the universities and research centres section of the book.

An individual report on each university was sent by email to the 70 universities included in the book in order to check all the information gathered. Therefore, the information that appears in the report on each university is the responsibility of the contact person who filled in the form and checked and approved the final version.

Design of the book.

Digital and paper edition of the book.

STRUCTURE

The core of this book is the Knowledge Map that contains the information on the 70 universities forming part of the project. The universities are presented according to the geographical classification that Habitat UNI uses and they appear in alphabetical order by the main name of the university. Each report shows six types of information that consists of:

Basic information: name of university, name of department, logo of university or department, location and a brief description of the centre.

Hubs and/or thematic areas: this information shows the specialization areas that the centre works on. On the one hand, the Hubs established under the umbrella of the UNI aim to link the ongoing related work of UN-Habitat to the work the Hub does on the subject. Through active collaboration, UN-Habitat and these academic consortia intend to forward research and action on the thematic target, promoting education, policy advice and professional development which are updated to current urban realities and have a strong focus on translating into direct impact at the city level.

The eight different hubs are specified by the following icons:



Climate Change



Urban Accessibility



Gender



Urban Form



Informal Urbanism



Urban Governance



Safer Cities



Urban Regeneration

On the other hand, thematic areas relate to the fields that the university is working in, but they are not defined as an official hub within Habitat UNI.

Learning programmes: undergraduate, Master's, PhD and other programmes.

Research materials: this section presents the most relevant research carried out by the centres classified by books (or book chapters), articles and projects.

Collaboration: name of academic networks, name of research networks, academic collabora-

tion with Habitat UNI members, and research collaboration with Habitat UNI members.

Contact details: address, phone, the contact person's name, email, website and social networks.

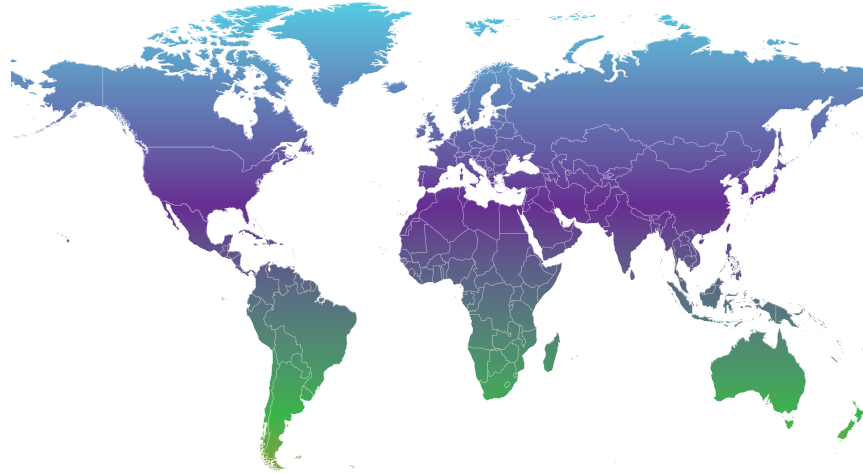
The academic information on each university is used for the classification that makes up the Learning Guide. This guide shows the universities in this book classified by the area of the undergraduate, Master's and doctoral programmes they offer. The six areas of classification are as follow:

1. Architecture;
2. Urban and Regional Planning;
3. Engineering;
4. Arts and Design;
5. Governance and Urban Management;
6. Urban Studies.

This classification aims to facilitate the search for academic programmes on urban studies at an international level. This section constitutes a specially useful guide for students, teachers and professors.

KNOWLEDGE MAP

MAP OVERVIEW



AFRICA

- Bayero University Kano (Nigeria)
- Federal University of Technology, Akure (Nigeria)
- Federal University of Technology, Minna (Nigeria)
- Makerere University, (Uganda)
- Pan African Institute for Development, (Cameroon)
- Pan African Institute for Entrepreneurship and Community Development, (Nigeria)
- University of Botswana, (Botswana)
- University of Calabar, (Nigeria)
- University of Cape Town, (Cape Town)
- University of Lagos, (Nigeria)

ARAB STATES

- Cairo University, (Egypt)
- University of Biskra (Algeria)

ASIA AND THE PACIFIC

- Bond University, (Australia)
- Curtin University, Faculty of Engineering, Department of Architecture, (Australia)
- Curtin University, School of Built Environment, (Australia)
- Indian Institute of Technology Roorkee (India)
- James Cook University, (Australia)
- Maulana Azad National Institute of Technology, (India)
- Sardar Patel University, (India)
- School of Planning and Architecture, Vijayawada, (India)
- The University of Queensland, (Australia)
- Universiti Malaysia Sabah, (Malaysia)
- Universiti Sains Malaysia, (Malaysia)
- University of Auckland (New Zealand)

- University of Calcutta, (India)
- University of Engineering and Technology, (Pakistan)
- University of Newcastle, (Australia)
- University of Papua New Guinea, (Papua New Guinea)
- University of Seoul, (South Korea)
- University of the Philippines, (Philippines)
- Vietnamese-German University, (Vietnam)

COMMONWEALTH OF INDEPENDENT STATES

- Ural State University of Architecture and Arts, (Russia)

EUROPE

- Delft University of Technology (TU Delft), Faculty of Architecture and the Built Environment, (The Netherlands)
- ESNE. Escuela Universitaria de Diseño, Innovación y Tecnología, (Spain)
- Istanbul Technical University, (Turkey)
- KTH Royal Institute of Technology, Stockholm (Sweden)
- National Technical University of Athens, (Greece)
- Norwegian University of Science and Technology, (Norway)
- Queen's University Belfast (UK)
- San Pablo CEU University, (Spain)
- Technische Universität Berlin, (Germany)
- The University of Lincoln, (UK)
- TU Dortmund University, (Germany)
- UACEG, (Bulgaria)
- Universidad de Málaga, (Spain)
- Universidade da Coruña, (Spain)

- Universitat Rovira i Virgili, (Spain)
- University of Azores, (Portugal)
- University of Belgrade, (Serbia)
- University of Deusto, (Spain)
- University of Leuven (KULeuven), (Belgium)
- University of Warwick, (UK)
- Windesheim University of Applied Sciences, (The Netherlands)

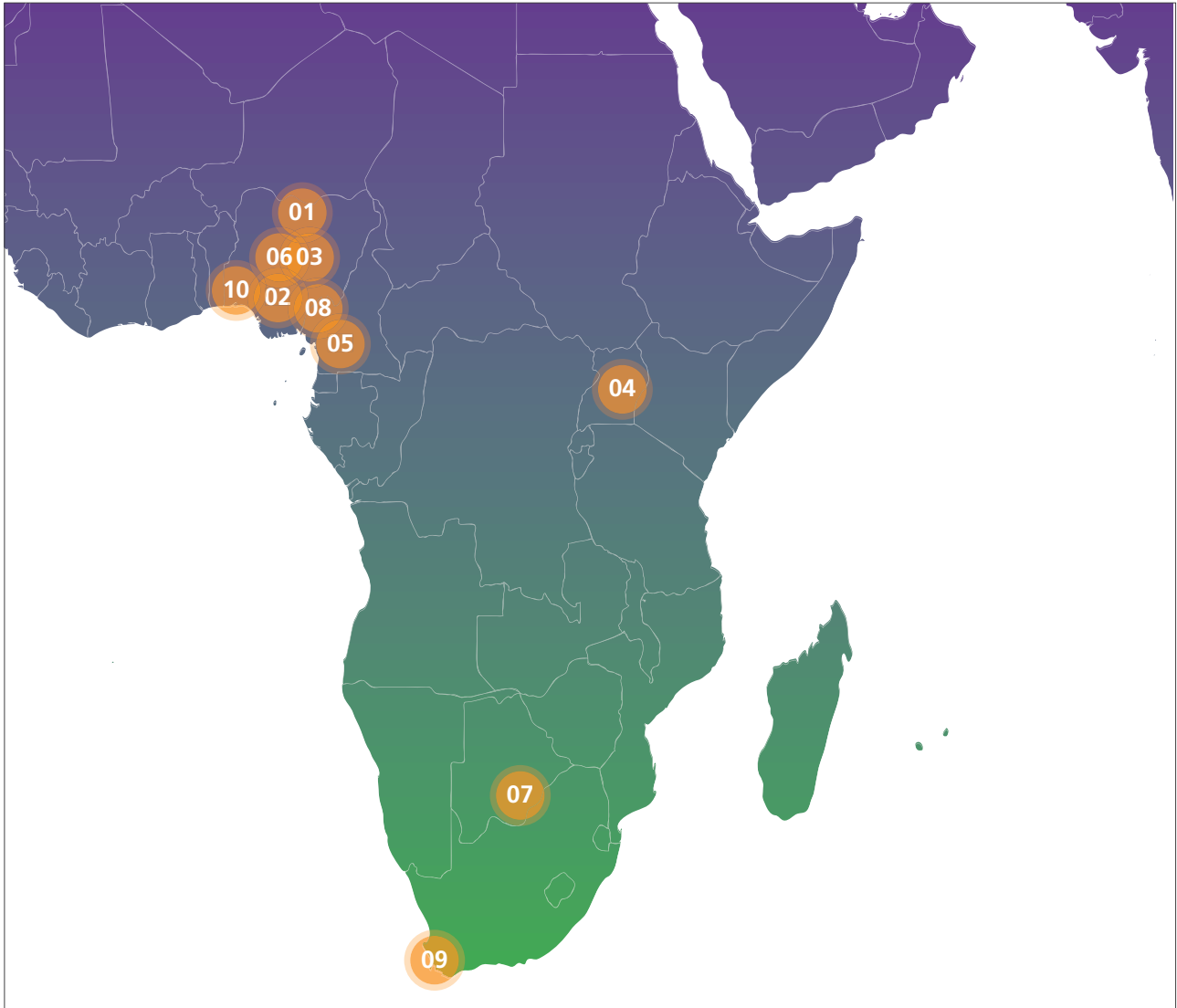
LATIN AMERICA AND THE CARIBBEAN

- ITESO Jesuit University of Guadalajara, (Mexico)
- Tecnologico de Monterrey, (Mexico)
- The University of The West Indies, (Trinidad and Tobago)
- Universidad de Las Américas, (Ecuador)
- Universidad Piloto de Colombia, (Colombia)
- Universidade Federal do Rio de Janeiro, (Brazil)
- University of Guadalajara, (Mexico)
- University of São Paulo, (Brazil)

NORTH AMERICA

- Georgia Institute of Technology (USA)
- Massachusetts Institute of Technology, (USA)
- New York University, (USA)
- Purdue University, (USA)
- Stanford University, (USA)
- Université de Montréal, (Canada)
- University of California, (USA)
- University of Minnesota, (USA)
- University of Waterloo, (Canada)

AFRICA



01. Bayero University Kano (Nigeria)

02. Federal University of Technology, Akure (Nigeria)

03. Federal University of Technology, Minna (Nigeria)

04. Makerere University, (Uganda)

05. Pan African Institute for Development,
(Cameroon)

06. Pan African Institute for Entrepreneurship
and Community Development, (Nigeria)

07. University of Botswana, (Botswana)

08. University of Calabar, (Nigeria)

09. University of Cape Town, (Cape Town)

10. University of Lagos, (Nigeria)



BAYERO UNIVERSITY KANO

Department of Urban and Regional Planning
Nigeria, Kano

The Department of Urban and Regional Planning (established in 2014) is one of the youngest Departments of Urban and Regional Planning in Africa South of the Sahara. It is situated at the Faculty of Earth and Environmental Sciences of Bayero University Kano (BUK). This Department has emerged with a mission and vision to respond to the emerging challenges and opportunities of the New Urban Age and the New Urban Agenda. BUK's URP department embraces innovation in teaching and research and is open to bridging gaps between society, science, development and policy. They also open their hands to knowledge co-creation and co-production through multi-, inter, cross and trans-disciplinary approaches with all kinds of stakeholders.

Some achievements of the department are:

1. Elected as member of Association of African Planning School (AAPS).
2. Commissioned by UN FAO to map cattle routes and grazing reserves in parts of Katsina State and border with Niger Republic (\$ 25,000).
3. 'Protection in the context of urban humanitarian response.' A research consultancy funded by the International Institute for Environment and Development, London, UK (worth £ 29,600), The Study focused on investigating the situation of IDPs in Kano and Maiduguri.
4. MR CITY Lab (Millennials and Resilience: City, Innovation and Transformation of Youths Laboratory) Hackathon project (US\$ 5000) is among the 10 shortlisted and selected innovative ideas from around the world February 2017. This selection was made jointly by the Future Earth, The University of Tokyo, Japan and Stockholm Resilience Centre, Sweden. The project aimed at restoring lost indigenous tree species in urban Kano.
5. Name of the Department now appears in the major global research indexing systems such as ISI, Scopus and this follows publications in high impact research outlets.
6. BUK;s URP Department is enviously represented in the Intergovernmental Panel on Climate Change's IPCC international conference on cities and climate change.

7. The Department is also partner for the Intergovernmental Platform for Biodiversity and Ecosystem Services – IPBES – a project of UN Environment, UNFAO, UNDP and UNESCO.

HUBS

- Climate Change
- Urban Accessibility
- Gender
- Urban Form
- Informal Urbanism
- Urban Governance
- Safer Cities
- Urban Regeneration

UNDERGRADUATE programmes

— Urban and Regional Planning (B.URP)

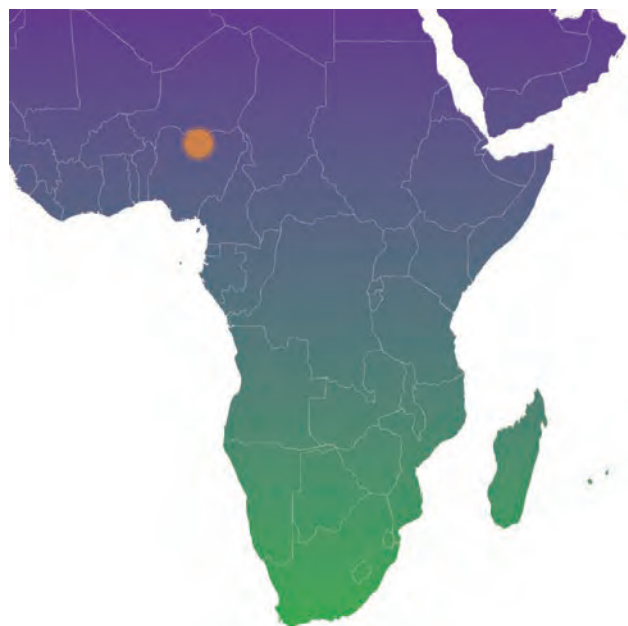
OTHER programmes

- Academic writing workshop;
- Sustainable campus project for Bayero University -New campus

Bayero University Kano,
New campus, Gwarzo Road Kano
PMB 3011 Kano, Nigeria
Phone: (+)2348033607151

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BOOKS

Barau, A.S. Tanko, A.I. In Search of New Narratives for Informed Decisions on Climate Change Crisis in the African Drylands. In: *Handbook of Climate Change Communication*. Walter Leal Filho, Ulisses Azeiteiro, Evangelos Manolas, Anabela Mariza Azul (Eds). Springer.

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FEDERAL UNIVERSITY OF TECHNOLOGY AKURE

Department of Architecture
Nigeria, Akure

The Federal University of Technology, Akure (FUTA) is a top ranking University in Nigeria. Established in 1981, the university’s academic disciplines and research cut across seven schools and over forty academic departments, including Architecture.

The overall philosophy of the training programme in the Department of Architecture at the Federal University of Technology, Akure is to produce competent, skilled and versatile graduates capable of understanding the society’s need for shelter and translating this need into an appropriate built environment.

HUBS

-  Informal Urbanism
-  Urban Accessibility
-  Climate Change
-  Gender
-  Urban Regeneration
-  Urban Form
-  Safer Cities

UNDERGRADUATE programmes

- Bachelor of Technology in Architecture (B Tech, Arch)

MASTER programmes

- Technology in Architecture (M. Tech.)
- Landscape Architecture (M. L. Arch.)
- Architecture (M. Arch), options in Urban Design and Low-cost Housing
- Philosophy (M. Phil)

PHD programmes

- Doctor of Philosophy in Architecture

OTHER programmes

- Postgraduate Diploma in Architecture (PGD, Arch)

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of self-help water supply in Akure, Nigeria. *Utilities Policy*, 51, 89-94.

Academic collaborations with Habitat UNI members

From 21 to 24 March 2016, the Federal University of Technology (Akure, Nigeria) co-organized with London South Bank University and De Montfort University UK and hosted a Joint International Conference themed '21st Century Human Habitat: Issues, Sustainability and Development.' Collaborations with these universities are on-going.











FEDERAL UNIVERSITY OF TECHNOLOGY MINNA-NIGERIA

Centre for Human Settlements and Urban Development (CHSUD)
Nigeria, Minna

Centre for human Settlements is a specialized centre established by UN-Habitat in collaboration with Federal University of Technology, Minna to assist in Nigerian Development Planning in the area of Human Settlements Development and Management, Urban Governance and Sustainable Urban Development; undertakes training programmes related to Governance and Sustainable Development in order to assist particular states and Local governments in their manpower development; programme development; project implementation; and monitoring and evaluation and participates in teaching functions of the University where appropriate.

HUBS

-  Informal Urbanism
-  Urban Accessibility
-  Climate Change
-  Urban Governance
-  Urban Regeneration
-  Gender
-  Safer Cities
-  Urban Form



THEMATIC AREAS

- ▶ Urban Planning
- ▶ Land Governance
- ▶ Land Titling and Registration
- ▶ Urban Land Development, Land Valuation and Taxation
- ▶ Urban Land Management
- ▶ Land Information System

UNDERGRADUATE programmes

- Architecture;
- Building;
- Estate Management & Valuation;
- Quantity Surveying;
- Surveying & Geo-informatics.

MASTER programmes

- Sustainable Urban Development;
- Urban Ecology.

PHD programmes

- Ph.D programmes at the School of Environmental Technology (sister unit at the same University).

OTHER programmes

- Post graduate Diploma in Sustainable Urban Development;
- Post graduate Diploma in Development and Management of Public-Private Partnership Projects;
- Post graduate Diploma in Local Economic Development;
- Executive courses for Local Government Chairmen and Councillors;
- Executive courses for Directors and Heads of Departments of Works Department of Local governments and Professionals in the Built Environment.

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Urban Development (CHSUD)
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<https://twitter.com/infounitfutmx>

Academic network(s)

Institute for Housing and Urban development Studies of Erasmus University Rotterdam

Research network(s)

DUBAI Research network;

Collaboration between Nigerian Institute of town Planners, UN-Habitat and CHSUD in integrating Sustainable Urban Development into the Urban and Regional planning curricula of Nigerian Universities;

Formulation of City-City Partnership executed by development of flexible, inter-disciplinary degree programmes where City Managers are trained and encouraged to form association of City managers across the country (Association of City managers).

Academic collaborations with Habitat UNI members

Instigated academic collaboration between CHSUD and Department of architecture, Faculty of Engineering, Cairo University to start a Postgraduate Course in Urban Design in FUT Minna which would involve exchange of students and lectures and sharing of best practices in related fields.

Research collaborations with Habitat UNI members

CHSUD instigated research collaborations in all aspects of Sustainable Urban Development with Universities of Sao Paulo, Brazil. In addition, The Nigerian Urban Summit was initiated by CHSUD in 2014 against the background of overcoming the challenges of Urbanisation and the attendant rapid growth of cities in developing countries.



MAKERERE UNIVERSITY

Department of Geography
Geoinformatics and Climatic
Sciences
Uganda, Kampala

The Department of Geography, Geo-informatics and Climatic Sciences (GGCS) in the College of Agricultural and Environmental Sciences (CAES) teaches and carries out Interdisciplinary and Participatory Action research on all aspects of geography including urban development, disaster risk, environmental management, demography, natural hazards and climate systems. Geography is interdisciplinary and links well with other sciences through spatial techniques to address a range of environment and development challenges including urban issues.

HUBS



Climate Change

UNDERGRADUATE programmes

— Bachelor of Geographical Sciences

MASTER programmes

- Land Use Planning
- Disaster Risk Management
- Geography

PHD programmes

— Conducted by research

BOOKS

Reckien, D., Lwasa, S., Satterthwaite, D., McEvoy, D., Creutzig, F., Blanca, F., & Marcela, T.-R. (2016). Climate Change Interactions with Equity an Environmental Justice. In C. Rozenweg, W. Soleckie, & P. Romero Lankao (Eds.), *Assessment Report of Cities and Climate Change* (Vols. 1–2). New York City: Cambridge University Press.

ARTICLES

Birkmann, J., Welle, T., Solecki, W., Lwasa, S., & Garschagen, M. (2016). Boost resilience of small and mid-sized cities. *Nature*, 537(7622), 605–608.

K. Buyana and S. Lwasa and L. Schiebinger. (2014). Closing Africa’s Infrastructure Deficit: The Role of Gender Responsiveness in Urban Planning. *International Journal of Social, Management, Economics and Business Engineering*, 8, 240–249.

Lwasa, S. (2015). A systematic review of research on climate change adaptation policy and practice in Africa and South Asia deltas. *Regional Environmental Change*, 15(5), 815–824.

Lwasa, S. (2017). Options for reduction of greenhouse gas emissions in the low-emitting city and metropolitan region of Kampala. *Carbon Management*, 1–14. <https://doi.org/10.1080/17583004.2017.1330592>



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<https://www.facebook.com/Makerere>
<https://twitter.com/MakerereU>

Reckien, D., Creutzig, F., Fernandez, B., Lwasa, S., Tovar-Restrepo, M., Mcevoy, D., & Satterthwaite, D. (2017). Climate change, equity and the Sustainable Development Goals: an urban perspective. *Environment and Urbanization*, 0956247816677778.

PROJECTS

2016-2017

Investigator, nationally Determined Contributions for Cities and implications to SDG's, UN-Habitat.

2016-2019

Principal Investigator, Social technical Solutions to water and sanitation in Kampala; an Urban Political Ecology perspective (HICCUP), Swedish Research Council, supports one PhD and three MA's.

2015-2017

Investigator, Climate-induced relocation and resettlement, in collaboration with University College London, Indian Institute of Housing and FLACSO, supported one MA student.

Principal Investigator, Augmenting innovative waste economies to enhance urban livelihoods in informal settlements of Kampala for improved management of wastes by KCCA (AWELIS), 2015-2016. Support three Graduate Students, FORD Foundation.

Academic network(s)

AESOP, ENHR, ERSA

Research network(s)

CNU, CEU, FOP

Academic collaborations with Habitat UNI members

MOOC on GHG inventory Guest lecturing on Urban Management Tools on Climate Change.



PAN AFRICAN INSTITUTE FOR DEVELOPMENT

Environment Studies
Cameroon, Douala

A model African Institute in the area of development, one that trains intermediate and senior development agents and respects the values of democracy, humanity, equity, social justice, good governance and human rights. PAID-CA is active in development, management activities and capacity building through training, practical field research, technical advisory/consultancy services and publications to address contemporary issues and knowledge gaps.

HUBS



Safer Cities

UNDERGRADUATE programmes

- Environnement et Gestion des Ressources Naturelles;
- Analyse et Évaluation des Projets;
- Gestion des Coopératives et des Entreprises;
- Programmation du développement et Intégration Régionale

MASTER programmes

- Environnement et Gestion des Ressources Naturelles;
- Management des Projets;
- Gestion des Coopératives et des Entreprises;
- Programmation du développement et Intégration Régionale

PHD programmes

- Doctorat es Science en Développement

BOOKS

Kamdem, E. and Dze-Ngwa, W. (2014). *Panafricanism, Research, Peace et concerted development in Africa*. Yaoundé: PAID/IPD PUBLISHERS.

Lammerink, M. & Wolffers, I. (1998). *Approches participatives pour le développement durable*. Editions Karthala et IPD.

Mondjanagni, A. (éditeur scientifique) (1984). *La participation populaire au développement en Afrique*. Paris, Edition karthala et IPD.

Agbessi, H & Damon, M. (1987). *Manuel de nutrition africaine*. IPD-ACCT-Karthala, Tomme 2.

ARTICLES

Sados Touonsi, C. (2015). Communities and Prevention of Crime and Violence in Douala, Cameroon. In K. Mathley et S. Matuk, *Community-Based Urban Violence Prevention: innovative approaches in Africa, Latin America, Asia and the Arab Region*, Berlin: [transc

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Sados Touonsi, C. (2015). Organiser sa sécurité à Douala. In KENGNE FODOUOP, Le Cameroun, jardin sacré de la débrouillardise. Paris, L'Harmattan, 125-148.

PROJECTS

Ongoing

PROFADEL (Programme de Formation et d'Appui au Développement Local).

This project aims to strengthen the skills of local development actors in order to contribute, in a context of decentralized participatory development, to the improvement of the better "being" and the better "living" of the populations through the reinforcement of the capacities of the Decentralized Territorial Collectivities, with a view to the emergence of a society of good governance.

http://www.paidafrika.org/ipd-ac/index.php?option=com_content&view=article&id=108&catid=58

Academic network(s)

Association of European Schools of Planning (AESOP)



PAN AFRICAN INSTITUTE FOR ENTREPRENEURSHIP AND COMMUNITY DEVELOPMENT

Pan African Institute for Entrepreneurship and Community Development
Nigeria, Abuja

Pan African Institute for Entrepreneurship and Community Development (EADI) is an Institute in Special Consultative status with United Nations Economic and Social Council (ECOSOC) and Member, United Nations Habitat Partner University Initiative. EADI is an Africa's leading professional organization for entrepreneurs, people who work in the public service, business enterprises, public and private sectors of the economy, community development, and local administrative system. It is for those who desire to do socially positive work in the context of business and who subscribe to high moral standards.

HUBS

- Climate Change
- Urban Accessibility
- Urban Regeneration
- Urban Governance
- Safer Cities
- Gender

OTHER programmes

Diploma & advanced diploma levels in:

- Community Development;
- ICT for Development;
- Innovation and Entrepreneurship;
- Knowledge Management;
- Project Development;
- Small Business Management

PROJECTS

2013 - 2015

Building the capacity of Women and Girls in ICT - Over 1000 young women and girls were trained in ICT for Development. Pan African Institute for Entrepreneurship and Community Development in partnership with Youth Alliance on ICT for Development, HUAWEI and Federal Ministry of Communication Technology trained 1000 young women in ICT at the HUAWEI Office in Victoria Island, Lagos.

Academic network(s)

African Centre for Citizens Orientation, Abuja, Nigeria;
Membre de l'Association Européenne de Recherches Urbaines pour le Sud (N-AERUS).

Research network(s)

Center for Educational Media Resource Studies, University of Ibadan;
Comité National de Géographie du Cameroun



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<https://twitter.com/icedafrica>



UNIVERSITY OF BOTSWANA

Department of Architecture and Planning
Botswana, Gaborone

The Department of Architecture and Planning is situated in the Main Campus of the University; within the Faculty of Engineering and Technology. It is one of the five departments under the Faculty of Engineering Technology (FET), which dates back to 1996 when the former Botswana Polytechnic was incorporated into the University.

The Department is empowered to train young people in their respective disciplines of Architecture, Urban and Regional Planning, to the highest International standards of validation and recognition. The faculty has the latest facilities and technologies to enable the department to deliver services to students with the absolute up-to-date facilities and needs.

The staff complement is 11 and has extensive research output that can be accessed on the internet.

HUBS

-  Informal Urbanism
-  Urban Governance
-  Climate Change
-  Urban Form
-  Urban Regeneration

UNDERGRADUATE programmes

— Urban Planning (B.SC Programme accredited by PULA and RTPI, UK)

MASTER programmes

— Professional Urban and Regional Planning (one year)

PHD programmes

— Candidates can pursue a facultywide Ph.D in the Built environment supervised by staff from our department.

Academic network(s)

RSAI (The Regional Science Association International)

GPEAN

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UNIVERSITY OF CALABAR

Geography and Environmental Science
Nigeria, Calabar

University of Calabar is located in the southern part of Nigeria and has a history of academic excellence since its establishment in 1974, when it first served as a campus of the University of Nigeria, Nsukka.

HUBS

- | | |
|--------------------|---------------------|
| Informal Urbanism | Urban Accessibility |
| Climate Change | Urban Governance |
| Urban Regeneration | Gender |
| Safer Cities | Urban Form |

UNDERGRADUATE programmes

- Geography and Environmental Science;
- Environmental Resource Management;
- Tourism Studies

MASTER programmes

Master of Science in:

- Urban Development Planning;
- Regional/Rural Development Planning;
- Land Resource Evaluation and Planning;
- Population, Environment and Development;
- Climate and Society;
- Hydrology and Water Resources;
- Geomorphology;
- Transportation and Industrial studies

PHD programmes

Doctor of Philosophy in:

- Urban Development Planning;
- Regional/Rural Development Planning;
- Land Resource Evaluation and Planning;
- Population, Environment and Development;
- Climate and Society;
- Hydrology and Water Resources;
- Geomorphology;
- Transportation and Industrial studies

BOOKS

Sule, R. O. (2013). Topical Analysis of Housing and Urban Development Planning, Spindrel: Abuja, Nigeria.

ARTICLES

Okon, F.I. Okpiliya, E.A. Agbor, T. Olorundami, C.G. Njoku, M. Ikelegu (2017). Residents' cycling perception as a fundamental alternative to cycling promotion in Calabar, southern Nigeria, *International Journal of Development and Sustainability (IJDS)*, Volume 6 Number 8 (2017): Pages 685-699.



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<https://www.facebook.com/unical.edu.ng>

Okon, I (2017). Pedestrianism as an effective tool for sustainable intra-city commuting in Calabar, southern Nigeria. (in the press)

Okon, I; Njoku, C.G (2017). Evaluation of domestic access to pipe-borne water in Calabar metropolis, southern Nigeria (in the press)

Njoku, C.G; Okon, I; Itu, P.C; Otese, A.V (2017). Population growth and pipe-borne water supply in Calabar metropolis: Finding the Balance. *International Journal of Research in Geography (IJRG)*, Volume 3, Issue 3, 2017, PP 51-59.

Njoku, C.G; Okon, I; Okpiliya, F.; Agbor, E.; and Ekwok, I (2017). Epanet spatial modeling for equitable pipe-borne water distribution in Calabar metropolis, Cross River State, southern Nigeria, *International Journal of Science, Environment and Technology*, Vol. 6, No 4, 2017, 203-219.

Agbor, E.A; Ojikpong, B.E, Okon, I.; Obia, A.E (2016). Impact of socio-economic characteristics on the quality of housing environment in Ikom urban, Cross River State, Nigeria, *American International Journal of Contemporary Research*, Vol. 6, No. 6; 19-28.

Okon, I. E., C. O. Ogbra, M. A. Idoko, D. D. Eni, and R. O. Sule (2015). Climate change and the challenges of flood mitigation in Calabar urban, south-south Nigeria. *International Journal of Ecology and Ecosolution*, 2 (3), pp. 41-48.

Okpiliya, F. I., Enyiekere, S. I., Inah Okon and Ajom, S. K. (2017). The Dynamicity of Land Use in Ika Local Government Area of Akwa Ibom State, Nigeria. *Global Journal of Environmental Science and Technology*, Vol. 5(1): pp 423-431.

Okpiliya, F. I., Ekwok, I., Inah Okon, Magaji, K. I. and Olaleye, O. O. (2016). Death, Pains and Sorrows: Empirics from the Periodicity of Road Traffic Accidents in Tarraba State, Nigeria. *International Journal of Arts and Humanities*, Vol. 4(4): pp 177-18.

Academic collaborations with Habitat UNI members

The evaluation of bicycle infrastructure in Bogota, Colombia (2013/2014), was a typical research collaboration between the University of Twente and Universidad Piloto de Colombia, Bogota, Colombia. Members include: Inah Okon (Research work leading to MSc) and Carlos Moreno.

A statistical approach in the estimation of bicycle level of service models for the cicloruta in Bogota, Colombia. Members include: Inah Okon; Mark J.G. Brussel; Frans H.M. Van Den Bosch; Carlos A. Moreno; M.F.A.M. Van Maarseveen.





UNIVERSITY OF CAPE TOWN

Geomatics: School of Architecture, Planning and Geomatics, Faculty of Engineering and the Built Environment
 South Africa, Cape Town

Geomatics is a division in the School of Architecture, Planning and Geomatics at the University of Cape Town. It is both an applied science and a professional discipline. It involves an integrated approach to measurement, analysis, management and display of spatial data. Using the latest satellite, laser and information technology, geomatics professionals are involved in an array of activities related to: land and engineering surveying, information systems, land development and planning, land reform, law and commerce.

HUBS

-  Informal Urbanism
-  Climate Change
-  Urban Governance

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<https://www.facebook.com/UCTGeomaticsDivision>
<https://twitter.com/geomaticsuct>

THEMATIC AREAS

- ▶ Land tenure and cadastral systems

UNDERGRADUATE programmes

- Geomatics: Surveying stream;
- Geomatics: Geoinformatics stream;

HONOURS programmes

- Geographical Informations Systems (BSc Honours)

MASTER programmes

- Philosophy in Engineering specialising in Geomatics;
- Engineering specialising in Geomatics

PHD programmes

- Geomatics

BOOKS

Akrofi, EO and Whittal J. (2017). Customary land rights in the context of urbanisation and development: Case Studies from Botswana, Namibia and Ghana in Mostert, Verstappen and Zevenbergen (Eds) Land Law and Governance: African Perspectives on Land Tenure and Title in the *Contemporary Legal and Applied Research study series*, Juta, 127-148.

ARTICLES

Humby, L. and Whittal, J. (2017). 3D Cadastral Parcels in South Africa – representing the third dimension in the South African cadastral system, *FIG Working Week held in Helsinki*, Finland, May 2017.



Hull, S., & Whittal, J. (2017). Human rights in tension: guiding cadastral systems development in customary land rights contexts. *Survey Review*, 0(0), 1–17. <https://doi.org/10.1080/00396265.2017.1381396>

Downie, L., Whittal, J. (2016). Social Tenure Based on Intimacy – Avoiding Family Disasters: South African Marital Contracts as an Innovative Pro-Poor Land Tool, peer review paper at the *FIG Working Week held in Christ Church, New Zealand, May 2016*.

Barry, M. and Whittal, J. (2016). Land Registration Effectiveness in a State-Subsidized Housing Project in Mbekweni, South Africa, *Land Use Policy*, Volume 56: 197–208.

Hull, S., Sehume, T., Sibiyi, S., Sothafile, L, Whittal, J. (2016). Land allocation, boundary demarcation and tenure security in tribal areas of South Africa, *South African Journal of Geomatics*, Vol. 3(1), 68 – 81.

Hull, S., & Whittal, J. (2016). Towards a framework for assessing the impact of cadastral development on land rights-holders. In *FIG Working Week 2016: Recovery from Disaster*. Christchurch, New Zealand: *International Federation of Surveyors*. Retrieved from http://www.fig.net/resources/proceedings/fig_proceedings/fig2016/papers/ts01a/TS01A_hull_whittal_7995.pdf

Whittal, J. Rikhotso, K. (2016). Initial testing of the new continuum of land rights model in a rural South African case study area - Giyani, peer review paper at the *FIG Working Week held in Christ Church New Zealand, May 2016*. (correspondent) [0.50] ISBN 978-87-92853-52-3, ISSN 2307-4086

PROJECTS

2015-2016

Position Paper on the HWM for the Cape Town City Council as part of an integrated investigation team of consultants. This project was to investigate a coastal area in terms of all the factors impacting on land ownership and the City's responsibility since the coastline is eroding and threatening private and public property. The public access and right to the sea shore is also impacted by illegal activities of littoral property owners.



UNIVERSITY OF LAGOS

Department of Urban and Regional Planning
Nigeria, Lagos

The Department of Urban and Regional Planning was established in 1997 and currently runs various programmes. The department also established the Lagos Urban Research Network (LURNet) in 2011, to serve as a platform for multi-disciplinary discourse on urban issues. LURNet focuses on finding solutions for societal needs in the context of contemporary urban sustainability challenges with special emphasis on Lagos, Nigeria.

The department, through its well-established research clusters, forms the core of the urban development thematic area of the University of Lagos Center of Excellence for Housing and Urban Development. Research activities focus on land use planning, urbanization dynamics, transportation, environmental health, urban poverty and informality; with the following core research working groups:

Pro-Poor Development: draws on deductive and inductive philosophical approaches to produce evidence-based research and professional insights to support development projects and policies aimed at responding to urban poverty and informality. The overarching aim of the Pro-Poor Development cluster is to advance paradigm shifts in urban development strategies and governance approaches.

Land Administration and Spatial Data Infrastructure: focuses on themes associated with preparing for, responding to, recovering from, and mitigating against incidents across hazards spectrum of emergency/disaster management. A major objective of this group is to provide evidence-based research to support land administration and spatial data infrastructure for disaster management, public safety, environmental health, and human settlements resilience.

HUBS



Informal Urbanism



Urban Governance

UNDERGRADUATE programme

— Bachelor of Science (Hons) in Urban and Regional Planning

MASTER programmes

— Master of Science (MSc) in Urban and Regional Planning;
— Professional Master in Urban and Regional Planning (MURP)
— MPhil Urban and Regional Planning

PHD programmes

— PhD Urban and Regional Planning

University of Lagos

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Faculty of Environmental Sciences
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Head of Department: Professor Adeleke Oduwaye
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<https://twitter.com/unilagnigeria>



BOOKS

Lawanson.T., Orelaja.O & Simire, .M. (2016). Effects of climate change on a peri-urban farming community in Lagos, Nigeria; in Munchie. M, Bhaduri. S, Baskaran. A, and, Sheikh. F(eds) (2016) *Informal Sector Innovations: Insights from the Global South*. Oxford and New York: Routledge.

Lawanson, T. (2015). Potentials Of The Urban Poor in Shaping a Sustainable Lagos Megacity; in Allen A., Lampis, A., and Swilling, M. (eds) *Untamed Urbanisms. Routledge Advances in Regional Economics, Science and Policy Series*. London & New York: Routledge.

Fadare, S; Nwokoro, I; Lawanson, T and Onifade, V. (2013). *Emerging Issues in Urban Planning and Development*. Ile-Ife: Obafemi Awolowo University Press

ARTICLES

Soyinka. O., Siu K., Lawanson T., and Adeniji. O (2017). Assessing smart infrastructure for sustainable urban development in the Lagos metropolis. *Journal of Urban Management*. <http://dx.doi.org/10.1016/j.jum.2017.01.001>

Agunbiade, M. E. and Olajide, O. A (2015). The Limit of Land Regularisation as Poverty Alleviation Strategy in Informal Settlements: Empirical Evidence from Lagos, Nigeria. *Journal of Construction Project Management and Innovation*, 5(1): 1045-1063.

Dekolo, S; Leke Oduwaye and Nwokoro, I. (2015). Urban Sprawl and Loss of Agricultural Land in Peri-urban Areas of Lagos. *Regional Statistics* 5(2):20-33

Salau, T. (2015). Public transportation in metropolitan Lagos, Nigeria: analysis of public transport users' socioeconomic characteristics. *Urban, Planning and Transport Research*, 3(1), 132-139.

PROJECTS

October 2016 – February 2017.

Comparative Research on African City Regions: Lessons for the Gauteng Global City Region. African Urban Research Initiative / African Centre for Cities, University of Cape town

May 2015 - May 2016.

Urban Governance and Turning African Cities Around: Lagos Case Study. Research funded by Partnership for African Social and Governance Research, Nairobi, Kenya.

June 2015 – March 2016.

Pathways out of Urban Water Poverty: Case studies of small towns in Tanzania and Nigeria. Research funded by DFID under URBANISATION RESEARCH NIGERIA PROGRAMME

Academic network(s)

Association of African Planning Schools.

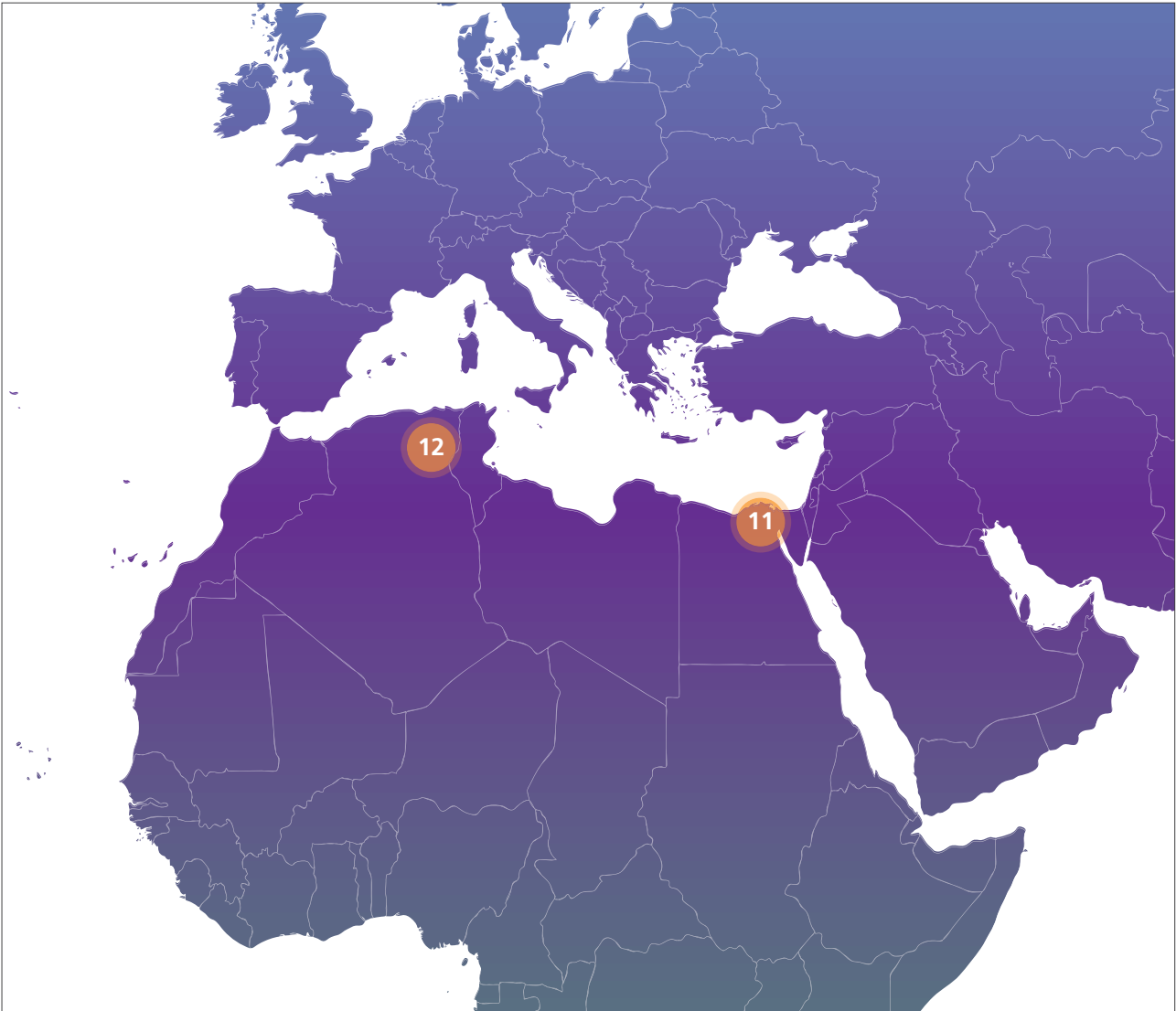
Research network(s)

Lagos Urban Research Network (LURNet)
African Urban Research Initiative (AURI)
African Research Universities Alliance

Academic collaborations with Habitat UNI members

Conferences and research projects with African Urban Research Initiative and Association of African Planning Schools.

ARAB STATES



11. Cairo University, (Egypt)

12. University of Biskra (Algeria)





CAIRO UNIVERSITY

Faculty of Engineering,
Department of Architecture
Egypt, Cairo

Faculty of Engineering, Cairo University, was established in 1816 where department of Architecture (Architectural Engineering) was among the three oldest departments. Additionally, it is the oldest school of Architecture in Egypt and the Region (the Arab World, the Middle East and Africa). Architecture remained since; among the key (few) specializations of the Engineering School throughout its development and at the various locations it occupied during the nineteenth century and until its settlement at the present site in 1905; under the name of the Royal School of Engineering. In 1935, the School joined Cairo University and changed its name to (and remained since) Faculty of Engineering. The Architecture department began its courses as part of the Faculty with new acquired staff in 1932, and graduated students in 1936.

The Department occupies four of the eight stories of the Architecture Building, located in the main campus of the Faculty of Engineering, Cairo University with a total area of about 8400 square meters; accommodating: design studios, lecture theatres, tutorial spaces, class-rooms, labs, faculty offices, faculty & student facilities. The department also includes an Independent Business Unit and Research Centre: Architectural and Engineering Design Centre. Moreover, the Urban Planning lab focuses on studies and analysis related to sustainable development.

HUBS

-  Informal Urbanism
-  Climate Change
-  Urban Form

UNDERGRADUATE programmes

— Architectural Engineering (program awarded academic validation from the Union of International Architects, UIA, October 2014, revalidated in October 2017).

MASTER programmes

— Architectural Engineering

With one specialization of: Architectural Studies; Urban Design and Community Development; Urban Planning; Building Technology; Environmental Design, Energy Efficiency and Renewable Energy in Buildings.

PHD programmes

— Architectural Engineering

With one specialization of: Architectural Studies; Urban Design and Community Development;

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<https://twitter.com/CairoUniv>



Urban Planning; Building Technology; Environmental Design, Energy Efficiency and Renewable Energy in Buildings.

OTHER programmes

- Double Masters Degree: Master in Urban Design – Revitalization of Historic City Districts
- A Double Masters program between Faculty of Engineering, Cairo University, Faculty of Fine Arts, Alexandria University and BTU Cottbus, Germany.

BOOKS

Abouelfadl, H., ElKerdany, D., Wessling, C., eds. (2017). *“Revitalizing City Districts, Transformation Partnership for Urban Design and Architecture in Historic City Districts”*, Springer: The Urban Book Series, Switzerland.

Khalil, H., & Ibrahim, A. (2016). *Improving Environmental Performance of in Informal Areas and Reducing Urban Heat Islands Phenomenon*, Centre for Architectural & Engineering Design Support, Faculty of Engineering, Cairo University, Cairo.

S. Attia, S. Shabka, Z. Shafik and A. Ibrahim, eds (2016). *Dynamics and Resilience of Informal Areas: International Perspectives*, Springer.

Khalil, H. and Khalil, E.E. (2015). *Energy Efficiency in the Urban Environment*, CRC press, Taylor and Francis.

Elkerdany, D. (2012). *Sustainable Conservation in Egypt: Paradigm and Issues*, in *“Sustainable Mediterranean Construction”*. Edited by De Joanna, Paola; Francese, Dora; Passaro, Antonio. FrancoAngeli s.r.l., Milano, Italy, pp 41-7.

PROJECTS

2017-2018

Sustainable Green Markets: Regenerating the Urban Historic Core to Sustain Socio-Cultural Heritage and Economic Activities, joint STDF (Egypt) and AH (UK), Newton Mosharafa fund, between Cairo University and Newcastle University.

Project PI: Prof. Dr. Dalila ElKerdany.

2016-2018

Strategies of climate adaptation and resource efficiency for densely populated urban neighbourhoods (Central Europe and North Africa), joint program between Master degree “Resource Efficiency in Architecture and Planning” (REAP) at HafenCity University Hamburg (HCU), Germany, and post-graduate program, Architectural Engineering at Cairo University (CU).

Project PI: Prof. Dr. Sahar Attia.

Coordinators: Assoc. Prof. Dr. Heba Allah E. Khalil, Dr. Sherin Gammaz.

2014-2017

Improving Environmental Performance in Informal Areas and Reducing Urban Heat Islands Phenomenon, Joint STDF (Egypt) and German fund GERF, between Cairo University and GLOBUS, International Academy at Berlin Freie University.

Project PI: Assoc. Prof. Dr. Heba Allah E. Khalil.

2013-current

EcoCitizen World Map/ Urbinsight Project, joint research project with Ecocity Builders NGO, UC Berkley, USA and Mundiapolis University, Morocco.

Project PI: Prof. Dr. Sahar Attia.

Project coordinator: Assoc. Prof. Dr. Heba Allah E. Khalil.

2013-2015

Urban Regeneration of Deteriorated Areas, joint program between Cairo University and TU Berlin.

Project PI: Prof. Dr. Sahar Attia.

2012-2016.

Regenerating Urban Spaces in Central Cairo, Joint STDF (Egypt) and IRD (France) fund.

Project PI: Prof. Dr. Sahar Attia.

Academic network(s)

CNBR

Research network(s)

International Research Alliance for Sustainable Development

Academic collaborations with Habitat UNI members

ARCHCairo 2014 conference, Christian Werthmann








UNIVERSITY OF BISKRA

Department of Architecture
Algeria, Biskra

The University of Biskra provides undergraduate and graduate programs over six Faculties: Law and political sciences, Business and Economics, Sciences, Engineering, Literature and languages and Social sciences. Education programs and researchs projects address relevant local and regional challenges, advances knowledge, and contributes actively to social needs and aspirations. The total number of students is almost 34000.

The LACOMOFA Lab (Laboratory of Architecture and Environmental Design) from the Dept. of Architectue develops education and training programs for under- and post-graduate students and provides specific resource material and books. There are five teamwork research dealing with Architecture, Environment and Building Science, Urban design, Heritage and conservation issues.

HUBS

-  Climate Change
-  Urban Accessibility
-  Urban Regeneration
-  Urban Form
-  Safer Cities

UNDERGRADUATE programmes

— Licence Diploma in Architecture

MASTER programmes

- Architecture and environment
- Urban and architectural heritage
- Urban design

PHD programmes

- Architecture and environment
- Urban and architectural heritage
- Housing and urban sustainability

OTHER programmes

— High education mobility programs (Erasmus+)

BOOKS

Zemmouri, N. (2009). *Renewable Energy in the Middle East: Enhancing Security through Regional Cooperation*. Netherland: Springer.

Aroua, N. (2011). *Architectural heritage in Algeria from the ottoman period*. Algiers, Algeria:Dahlab.

Aroua, N. (2011). *Les zones industrielles à l'est d'Alger (XIX e – XXI e siècles). Histoire d'une longue dérive écologique*. Aix-en-Provence, France: PUMA, Collection L'atelier méditerranéen, Karthala-MMSH.

Zemmouri, N. (2012). *Achieving Environmental Security: Ecosystem Services and Human Welfare*. Amsterdam, Netherland: IOS Press.

Aroua, N.; Dahmen A. (2017). *Past and present of Underground aqueducts in Algeria*. CRS Press,

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ARTICLES

Aroua, N. (2015). Urban vulnerability and resiliency over water related risks. A case study from Algiers, *Water Science & Technology: Water Supply* 73(5), 1145-1154.

Aroua, N. (2014). Traditional Qanat related Jurisprudence in Algeria" (2014), *Water Science & Technology: Water Supply* 14(6), 1142-1149.

Aroua, N. (2013). Wastewater management in informal settlements: a case study from Algiers. *Desalination and Water Treatment* (31-33), 6050-6057.

Biara, R. W., Alkama, D. (2014). The Art of Vegetation in the Urban Spaces in the Sahara. *Journal of Frontiers in Construction Engineering (FCE)* 3(3), 80-88.

Bouzir, T. A. K., Zemmouri, N. (2017). Effect of urban morphology on road noise distribution. *Energy Procedia*(119), 376-385.

Messaoudi, T., Mazouz, S., Fritsch, B. (2017). Study of the Historical Urban Evolution of Bejaia City (a Mediterranean City in North Algeria). *American Scientific Research Journal for Engineering, Technology, and Sciences (ASRJETS)*37(1), 305-315.

Mouffok, M., Zemmouri, N., Aidaoui, L., Lasbet, Y., De Herde, A. (2017). Effects of building morphologies on CO² air pollution case study: the vernacular urban fabric, city of Ghardaïa, Algeria. *Asian journal of civil engineering (BHRC)*, 18(1), 1-19.

Soufiane, F., Said, M., Atef, A. (2017). Role of Mental Models in Utilization of Urban Space. *IJASRE* (3), 119-126.

Tibermacine, I., Zemmouri, N. (2017). Effects of building typology on energy consumption in hot and arid regions. *Energy Procedia* (139), 664-669.

PROJECTS

2015-2018

Nanofluids adaptation for heating and cooling buildings.

2015-2017

Use of geothermal technologies for cooling buildings in hot and arid regions.

2014-2017

Smart integration of PVs modules in buildings' envelopes.

2014-2017

Modeling sustainable water purification system for possible wastewater reuse.

Academic network(s)

Education / OER ResourcesCreative Commons

Academic collaborations with Habitat UNI members

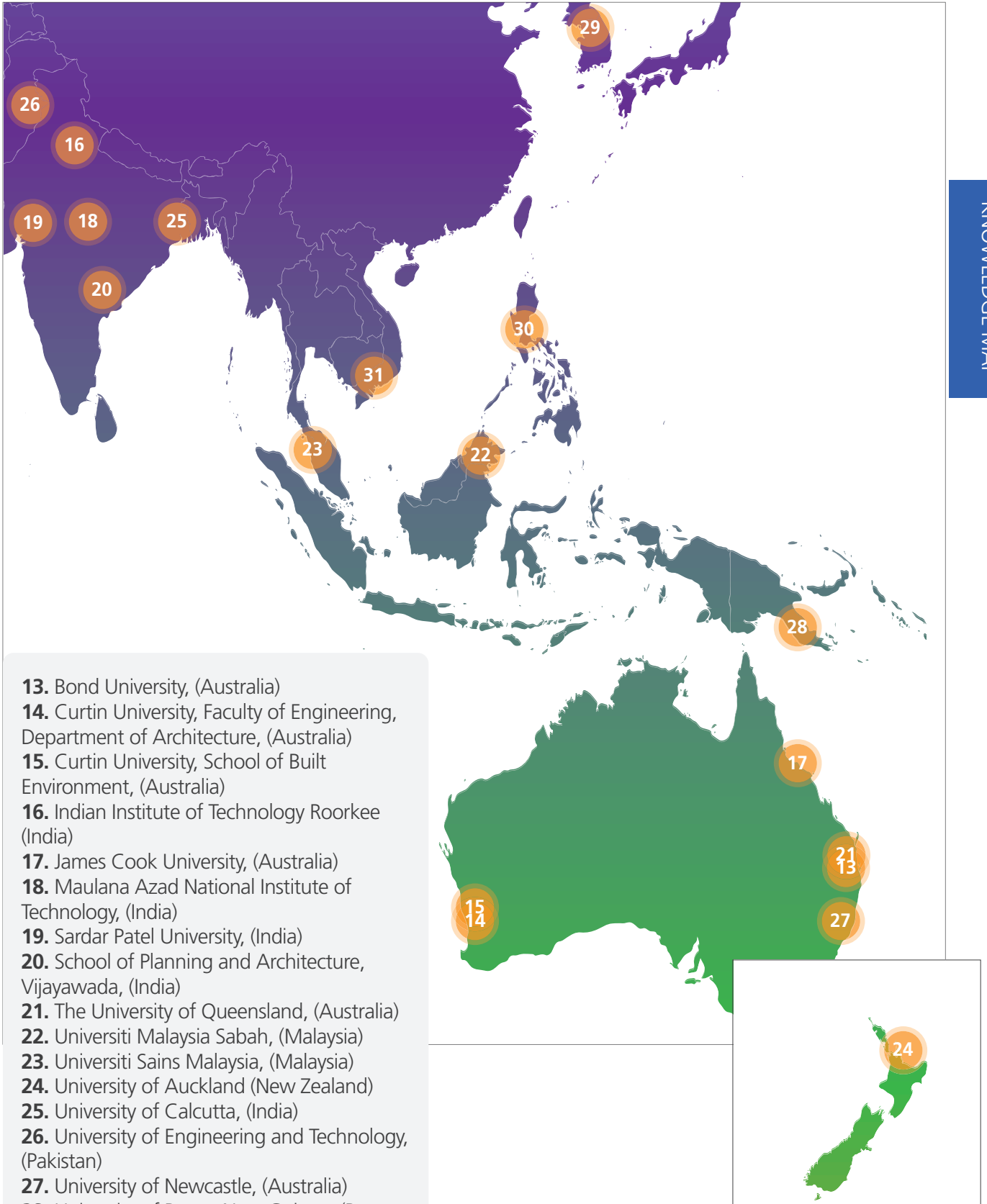
2011-2013: Cities and Climate Change Academy.

Module 4: *Climate Change and Urban Water Cycle Including Sanitation*. The first sub-module discusses basics of climate change and technological aspect of urban storm water management. Sub-module two looks at climate change, land use planning and integrated urban water management. Case studies are considered from the less developed countries.

2010-2011: Healthy City Program

Training workshops organized by Institut National de Santé Publique (Algeria) in partnership with WHO. The training program topics were (1) Healthy City Strategy and principles, (2) Healthy City design methodology. Target group: Local representatives from public authoritative bodies and civil society.

ASIA AND THE PACIFIC



- 13. Bond University, (Australia)
- 14. Curtin University, Faculty of Engineering, Department of Architecture, (Australia)
- 15. Curtin University, School of Built Environment, (Australia)
- 16. Indian Institute of Technology Roorkee (India)
- 17. James Cook University, (Australia)
- 18. Maulana Azad National Institute of Technology, (India)
- 19. Sardar Patel University, (India)
- 20. School of Planning and Architecture, Vijayawada, (India)
- 21. The University of Queensland, (Australia)
- 22. Universiti Malaysia Sabah, (Malaysia)
- 23. Universiti Sains Malaysia, (Malaysia)
- 24. University of Auckland (New Zealand)
- 25. University of Calcutta, (India)
- 26. University of Engineering and Technology, (Pakistan)
- 27. University of Newcastle, (Australia)
- 28. University of Papua New Guinea, (Papua New Guinea)
- 29. University of Seoul, (South Korea)
- 30. University of the Philippines, (Philippines)
- 31. Vietnamese-German University, (Vietnam)



BOND UNIVERSITY

Faculty of Society & Design
Australia, Gold Coast

As Australia's first private non-profit university, Bond University seeks to be recognised internationally as a leading independent university, imbued with a spirit to innovate, a commitment to influence and a dedication to inspire tomorrow's professionals who share a personalised and transformational student experience.

HUBS



Urban Regeneration

UNDERGRADUATE programmes

- Architectural Studies;
- Sustainable Environments and Planning

MASTER programmes

- Architecture;
- Architecture/Project Management;
- Sustainable Environments and Planning

PHD programmes

- Doctor of Philosophy (PhD) - Faculty of Society and Design

BOOKS

Best, R. and Meikle, J. eds. (2015). *Measuring construction: prices, output and productivity*, Routledge.

Wilkinson, S.J., Remøy, H. and Langston, C. (2014). *Sustainable building adaptation: innovations in decision-making*, Wiley Blackwell.

ARTICLES

Ghanbaripour, A.N., Langston, C. and Yousefi, A. (2017). Implementation of 3D integration model for project delivery success: case study, *Journal of Construction Engineering and Management*, 143(8), 1-13.

Amarah, B. and Langston, C. (2017). Development of a triple bottom line stakeholder satisfaction mode, *Journal of Corporate Real Estate*, 19(1), 17-35.

Langston, C. and Ghanbaripour, A.N. (2016). A Management Maturity Model (MMM) for project-based organisational performance assessment, *Construction Economics and Building*, 16(4), 1-18.

Langston, C. (2015). Green roof evaluation: a holistic 'long life, loose fit, low, energy' approach, *Construction Economics and Building*, 15(4), 76-94.

Conejos, S., Langston, C. and Smith, J. (2015). Enhancing sustainability through designing for adaptive reuse from the outset: a comparison of adaptSTAR and Adaptive Reuse Potential (ARP) models, *Facilities*, 33(9/10), 531-552.

PROJECTS

2014 - 2016.

Love, P., Ackermann, F., Smith, J., Ekambaram, P. Error mitigation in infrastructure projects, ARC Discovery Project. \$375,000 DP140100718.

2014 - 2016.

Chan, E., Langston, C. A. A framework for the analysis of embodied carbon and construction cost of heritage conservation projects, Hong Kong RGC Project. HK\$690,000.

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CURTIN UNIVERSITY

Curtin University Sustainability Policy (CUSP) Institute
Australia, Perth

Established in 2008, the Curtin University Sustainability Policy (CUSP) Institute is a research-intensive organisation whose work focuses on sustainable settlements, innovation systems, participatory sustainability and resilience. With 18 academics and 100 PhD students, it is one of the largest sustainability policy institutes in the world. Working in partnership with government, industry and civil society, a lot of its current national and international work is around the implementation of the UN Sustainable Development Goals (SDGs).

HUBS

-  Informal Urbanism
-  Urban Accessibility
-  Climate Change
-  Urban Governance
-  Urban Regeneration
-  Gender
-  Safer Cities
-  Urban Form

THEMATIC AREAS

- ▶ Green Technology
- ▶ Innovation for Sustainability
- ▶ Sustainability Values
- ▶ Sustainable Food
- ▶ Sustainable Transportation

MASTER programmes

- Sustainability and Climate Policy;
- Master of Philosophy (MPhil) in Humanities;
- Master of Philosophy (MPhil) in Urban and Regional Planning

PHD programmes

- Doctor of Sustainable Development (DSD);
- Doctor of Philosophy (PhD) in Humanities;
- Doctor of Philosophy (PhD) in Urban and Regional Planning

OTHER programmes

- Graduate Certificate in Sustainability and Climate Policy;
- Graduate Diploma in Sustainability and Climate Policy

BOOKS

Bogueva, D., Marinova, D. and Raphaely, T. (eds) (2018). *Social Marketing and Its Influence on Animal Origin Food Product Consumption*. Hershey, PA: IGI Global.

Guo, X. and Marinova, D. (eds) (2018). *Sustainability and Development in Asia and the Pacific: Emerging Policy Issues*. Singapore: World Scientific.

Hartz-Karp, J. and Marinova, D. (eds) (2017). *Methods for Sustainability Research*. Cheltenham, UK: Edward Elgar.



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<http://www.curtin.edu.au/research/cusp/>
<https://www.facebook.com/curtinuniversity>
<https://twitter.com/curtinuni>

Matan, A. and Newman, P. (2016). *People Cities: The Life and Legacy of Jan Gehl*. Washington, DC: Island Press.

Newman, P. and Kenworthy, J. R. (2015). *The End of Automobile Dependence: How Cities Are Moving Beyond Car-Based Planning*. Washington, DC: Island Press.

Raphaely, T. and Marinova, D. (eds) (2016). *Impact of Meat Consumption on Health and Environmental Sustainability*. Hershey, PA: IGI Global.

Rauland, V. and Newman, P. (2015). *Decarbonising Cities: Mainstreaming Low Carbon Urban Development*. New York, NY: Springer.

ARTICLES

Lin, S., Sun, J., Marinova, D., Zhao, D. (2017) Effects of Population and Land Urbanization on China's Environmental Impact: Empirical Analysis Based on The Extended STIRPAT Model. *Sustainability*, 9(5), 825; doi:10.3390/su9050825

Newman, P., Jones, E., Green, J. and Davies-Slate, S. (2016). Entrepreneur Rail Model: A discussion paper.

Siddiqui, A., Marinova, D., Hossein, A. and Todorov, V. (2017). Socially Responsible Investment in Australia. In Guo, X. and Marinova, D. (eds), *Sustainability and Development in Asia and the Pacific: Emerging Policy Issues*. Singapore: World Scientific.

Wei, J., Zhan, W., Guo, X., Marinova, D. (2017). Public Attention to the Great Smog Event: A Case Study of the 2013 Smog Event In Harbin, China. *Natural Hazards*, doi: 10.1007/s11069-017-3000-6

Xu, L., Marinova, D. and Guo, X. (2015). Resilience Thinking: A Renewed System Approach for Sustainability Science. *Sustainability Science*, 10: 123–138, doi: 10.1007/s11625-014-0274-4

PROJECTS

2013-2016

Indigenous participation in a low carbon economy. The project funded by the Australian Research Council investigates how indigenous people could participate in the emerging low carbon economy.

2016-2018

Increasing the uptake of solar photovoltaics in strata residential developments. The project, funded by the Australian Renewable Energy Agency, develops governance models to allow shared solar photovoltaics (PV), battery and monitoring systems to be used in medium density housing, including single units and apartments. The governance models is tested at 50 units of the White Gum Valley development in Perth, Western Australia.

2017

Promoting inclusive, resilient and sustainable urbanisation to achieve SDG11 in Bangladesh. The program is funded by Australia's Department of Foreign Affairs and trade and provides 15 fellowships for public servants from Bangladesh to develop individual projects and conduct research in partnership with CUSP on the implementation of SDG11 Sustainable Settlements and Communities.

2017

Executive Action Research Program on SDGs: Bangladesh Perspective. The project is funded by UNDP via the Governance Innovation Unit of the Prime Minister's Office, the Government of Bangladesh. This Action Research Program fulfils the need for capacity building of Bangladesh government officials in the area of sustainability and the implementation of the UN Sustainable Development Goals (SDGs). It enables participants to engage in individual action plans for developing and implementing ideas in practice in Bangladesh, including demonstration projects, citizen and grassroots engagement, civic responsibilities and sustainable use of natural resources.

Academic network(s)

Australia New Zealand Association of Planning Schools (ANZ)

Research network(s)

Yes, Asia Pacific Governance and Democracy Initiative (AGDI) Research Program, East West Center Western Australian Sustainable Development Goals Network



CURTIN UNIVERSITY

School of Built Environment
Australia, Perth

The School of Built Environment is situated in the Faculty of Humanities. It offers courses that are accredited by the Planning Institute of Australia, developed for those entering into urban and regional planning professions. A distinguishing characteristic of these courses is the use of interdisciplinary knowledge and techniques in addressing environmental, social and design issues concerning the community. Courses offered by the School of Built Environment appeal to creative people with an interest in improving living conditions, urban developments, construction and environmentally friendly design.

HUBS



Informal Urbanism



Urban Accessibility



Urban Regeneration



Urban Governance

UNDERGRADUATE programmes

- Urban and Regional Planning;
- Architectural Science

MASTER programmes

- Urban and Regional Planning;
- Architecture

PHD programmes

- Urban and Regional Planning;
- Architecture

OTHER programmes

- Graduate Certificate in Development Planning

BOOKS

Bay, J.H. and Lehman, S. (2017). *Growing Compact: Urban Form, Density and Sustainability*. Earthscan Series on Sustainable Design, Oxford: Routledge.

Brunner, J. and Glasson, J. (2015). *Contemporary Issues in Australian Urban and Regional Planning*. New York: Routledge/ Taylor & Francis.

Alexander, I. et al. (2010). *Planning Perspectives from Western Australia: A Reader in Theory and Practice*. Perth: Fremantle Press.

Academic network(s)

Research and Academia PCG, GAP

Research network(s)

Asia Pacific Governance and Democracy Initiative (AGDI) Research Program, based at East West Center, Hawaii, USA.

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<https://twitter.com/curtinuni>





INDIAN INSTITUTE OF TECHNOLOGY ROORKEE

Department of Architecture & Planning
India, Roorkee

Indian Institute of Technology Roorkee (IIT Roorkee) is an “Institution of National Importance” and ranks among the foremost of institutes in higher technological education, basic and applied research. The institute has contributed to all sectors of technological development. It has also been considered a trend-setter in the area of education and research in the field of science, technology, and engineering.

The Department of Architecture and Planning started the first Master’s degree programme in Architecture in the year 1969-70, and Master’s Degree programme in Urban and Rural Planning (MURP) in the year 1973-74. The Institute takes very special care in selecting students for admission to various academic programmes with the objective of providing technical education only to the best ones.

HUBS



Informal Urbanism



Urban Accessibility



Climate Change



Urban Governance



Urban Regeneration



Urban Form



Safer Cities

UNDERGRADUATE programmes

— Architecture

MASTER programmes

— Urban and Rural Planning

PHD programmes

— Planning and Architecture

OTHER programmes

- Major programme and courses sponsored by the Government of India:
- GIAN programme, NPTEL courses, SWAYAM courses, TEQIP course, AICTE course.

BOOKS

Seta, F., Biswas, A., Sen, J., & Khare, A. (Eds.). (2017). *From Poverty Inequality to Smart City*. Singapore: Springer, DOI- 10.1007/978-981-10-2141-1.



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Seta, F., Biswas, A., Sen, J., & Khare, A. (Eds.). (2017). *Understanding Built Environment*. Singapore: Springer, DOI 10.1007/978-981-10-2138-1.

ARTICLES

Biswas, A., Kidokoro, T., & Seta, F. (2017). Analysis of Indian urban policies to identify their potential of achieving inclusive urban growth. *Urban Research & Practice*, 10 (2), 198-227, DOI: <http://dx.doi.org/10.1080/17535069.2016.1205653>.

Biswas, A. (2016). Insight on the Evolution and Distinction of Inclusive Growth. *Development in Practice*, 26 (4), 503-516, <http://dx.doi.org/10.1080/09614524.2016.1167169>.

Biswas, A. (2015). Smart City as the Engine of Sustainable Growth. *Journal of Indian Building Congress*, 22 (1), 53-58.

Talabathula, M. R., & Biswas, A. (2015). Exploring the Smart City Paradigm in the Context of Urban India. *Journal of Indian Building Congress*, 22 (1), 63-72.

Kumar, A. & Biswas, A. (2017). Guidelines for Physical Infrastructure in Industrial Area Planning: A Review of the Indian Context. *Journal for Studies in Management and Planning*, 3 (13), 269-278, DOI: <https://doi.org/10.26643/JSMaP.3.13.2017>.

PROJECTS

2018 (3 years).

Conservation of traditional buildings and dissemination of traditional knowledge while simultaneously generating alternate livelihood opportunities. Sponsoring Agency: MoEF&CC, Gol.

2018 (3 years).

Investigate Location Pattern of Knowledge and Innovation, and its Impact in Development of 'Knowledge Cluster' and 'Networking' in Bengaluru and Kolkata. Sponsoring Agency: DST (Gol).

2017 (3 Years).

Smart Performance Roadmap for Airport Terminal Buildings in India. Sponsoring Agency: DST (Gol).

2016 (1 year).

Comprehensive Capacity Building Program for AMRUT and Smart City Mission Cities. Sponsoring Agency: Ministry of Urban Development (Gol).

2016 (3 Years).

Framework to Manage Construction and Governance of Smart City Building in India. Sponsoring Agency: NBCC (Gol).

2014 -2017 (Completed).

Measuring Inclusiveness of Indian Metropolitan Cities and Establish Inclusive Growth Index for Indian Cities within the Diversified Governance Framework. Sponsoring Agency: IIT Roorkee.

Academic network(s)

National Organisation of Students of Planning, India;
National Association of Students of Architecture, India;

Research network(s)

TU Darmstadt, Germany
KIT, Germany
NTNU, Norway

Academic collaborations with Habitat UNI members

TU Darmstadt, Germany.
KIT, Germany.
NTNU, Norway.

Research collaborations with Habitat UNI members

TU Darmstadt, Germany (2015 to till now).



JAMES COOK UNIVERSITY
College of Science and Engineering
Australia, Cairns and Townsville

James Cook University (JCU) is one of the world's leading institutions focusing on the tropics. The University conducts nationally significant and internationally recognised research in areas, including urban design and planning, development studies, biodiversity, tropical ecology and environments, global warming, tropical medicine and public health in under-served populations. The College of Science and Engineering offers a Bachelor of Planning and Bachelor of Environmental Practice, both focus on addressing pressing global sustainability challenges. While Planning focuses on shaping sustainable and efficient cities with consideration to local contexts, Environmental Practice responds to the stated requirements of corporate environmental management organisations for triple bottom line outcomes. JCU also offers a Master of Development Practice that attends directly to the Sustainable Development Goals (SDGs) and the Goal 11 target to foster inclusive, safe, resilient and sustainable cities.

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<https://twitter.com/jcu>

HUBS

-  Informal Urbanism
-  Urban Accessibility
-  Climate Change
-  Urban Form
-  Urban Regeneration

UNDERGRADUATE programmes

- Planning
- Environmental Practice

MASTER programmes

- Planning and Urban Design
- Development Practice
- Philosophy (Architecture and Buildings)

PHD programmes

- Philosophy (Architecture and Building)
- Tropical Environmental Management

BOOKS

Macgregor, C.J. (2017). Urban sustainability profiling: A case study from Far North Queensland, Australia. In: W. Leal Filho, U. Azeiteiro, F. Alves, P. Molthan-Hill. (Eds.), *Handbook of theory and practice of sustainable development in higher education* (Vol. 4) (pp. 457-474) Switzerland: Springer.

McGregor, A., Law, L. & Miller, F. (Eds.). (2018) *Routledge handbook of Southeast Asian development*, London and New York: Routledge.



ARTICLES

Char-lee, J., Moyle, B.D., Moyle, A.C., Hales, R., Banhalmi-Zakar, Z. & Bec, A. (2018). Have Australia's tourism strategies incorporated climate change? *Journal of Sustainable Tourism*, (26)5, 703-721.

Lim, H. & Lu, X. (2016). *Sustainable urban storm-water management in the tropics: An evaluation of Singapore's ABC Waters Program*. *Journal of Hydrology*, 538, 842-862.

King, D., Gurtner, Y., Firdaus, A., Harwood, S. & Cottrell, A. (2016). Land use planning for disaster risk reduction and climate change adaptation: Operationalizing policy and legislation at local levels [Special Issue]. *International Journal of Disaster Resilience in the Built Environment*, 7(2), 158-172.

Sims, K. (2017). Casino enclaves, development and poverty alleviation in Laos. *Pacific Affairs*, 90(4), 675-699.

Tavares, S. G., & Swaffield, S. (2017). Urban comfort in a future compact city: Analysis of open space qualities in the rebuilt Christchurch central city. *Landscape Review*, 17(2), 5-23.

PROJECTS

June 2018.

Urban Thinkers Campus (UTC): Urban livability in tropical Australia through urban diaries and community engagement.

JCU is holding a UN-Habitat UTC focused on the relationships between urban planning and design, and public health towards the implementation of the New Urban Agenda in Cairns and Townsville. Results will be presented to Cairns Regional Council and Townsville City Council and a final report will be produced for the UN addressing prospective policy, planning and regulatory response.

2017-2019

Sensing Cities: Smart Thermal Comfort and Climate Adaptation

This project adds a climate perspective to the smart cities approach, particularly regarding urban heating in a context of global warming. The sensors are placed for meaningful urban climate data collection, capturing temperature and humidity to assess thermal comfort. This data will allow the creation of a city map showing urban heat islands (UHI) on a macro- and micro-scale. The outcome will help explore current uses and inform needed city improvements.

2014 and ongoing

Tropical Sustainable Design Case Studies

This is a joint initiative of the Tropical Green Building Network and JCU and documents the knowledge and best practice in the tropical built environment. The project records key features of selected sustainable/green/tropically adapted building projects in the Cairns and Far North Queensland region. Many projects already have green star ratings; others are well adapted to the tropics yet are difficult to rate using criteria typically based on temperate models. The project consolidates knowledge of sustainable tropical design in the region.



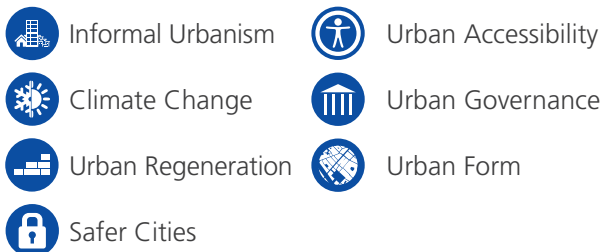
MAULANA AZAD NATIONAL INSTITUTE OF TECHNOLOGY

Bhopal, India

MANIT Bhopal has been engaged in imparting Technical and Architecture education for more than 50 years and planning education for more than 20 years.

The mission of the institute is to enrich the society by providing Technocrats, Architects, planners, scientists and managers of the highest quality who are able to take up the challenges of the market, industries and Research of the country. It aims to produce professionals of highest quality, comparable to the very best in the world, who would take leadership to promote, disseminate, develop and transfer technology for the overall development of the society. MANIT offers various undergraduate, post graduate courses and research programs. Institute is involved in extensive research, consultancy and outreach activities.

HUBS



UNDERGRADUATE programmes

- Architecture
- Planning
- Engineering
- Sciences

MASTER programmes

- M.tech. (more than 25) programmes in different disciplines
- Urban Planning
- Housing
- Management
- Sciences

PHD programmes

- Architecture;
- Planning;
- Engineering;
- Sciences

ARTICLES

Jaiswal A. and Bharat A. (2016). Exploring Criteria To Locate Solid Waste Transfer Station In Urban Areas, *International Journal on Solid Waste Technology and Management- Widener University School of Engineering*, volume 42, Issue 1, Pg. 58 - 65.

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Singh J. and Kavita Dehalwar (2015). "A critical Evaluation of the main causes of Water Management Problems in Indian Urban Areas", *International Research Journal of Environmental Sciences*, ISSN 2319-1414, Vol 4(8), 87-91.

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Srivastava A., Garg.Y.K and Dhagat N. (2015). "Preferences of landscape elements at different housing typologies in Indian context" *International*

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Vinodia A.K, Garg.Y.K. and Singh S. (2015). "Analyzing significance of parameters for assessment of contextual variations among the slums: A case study of Bhopal, India" *International Journal of emerging technology and research* Volume 2, Issue 2.

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BOOKS

Deshpande A. and Kapshe M. (2015). "Addressing Climate Change in India: Developing Market Mechanism and Economic Instruments," in *Economic Instruments to Combat Climate Change in Asian Countries*, Kenichi Matsumoto and Anton Ming-Zhi Gao, Eds., Kluwer Law International, The Netherlands, pp. 173-194.

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V.M. Das (2014). "The Role of Architectural Treatises in Enriching Information on Built Heritage" in *World Heritage and National Registers; Stewardship in Perspective*, T. Gensheimer and C. L. Guichard Eds., New Jersey: Transaction Publishers, pp. 139-150. ISBN: 978-1-4128-5265-4

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SARDAR PATEL UNIVERSITY

Bhaikaka Centre for Human Settlement, APIED
India, Vallabh Vidyanagar

The Arvindbhai Patel Institute of Environmental Design (A.P.I.E.D.) was first founded in 1980 at Vadodara by a group of like minded people who had a collective goal of creating an institute of great repute imparting quality education for the disciplines of Architecture and Interior Design. For this purpose they founded a Trust known as "PARISAR TRUST". The group of founder trustees included renowned Architects and Civil Engineers and it is running under the umbrella of Charutar Vidya Mandal, Vallabh Vidyanagar. Bhaikaka Centre for Human Settlement was initiated in 1999, is affiliated to Sardar Patel University and Institute of Town Planners India, New Delhi.

The campus is placed in the serene and congenial educational environment of Vallabh Vidyanagar. The college campus is very much an extension of nature, spanned with open courtyards and natural landscapes, which is very conducive to creative learning such as the disciplines of Architecture and Interior Design. It is just the kind of place that stimulates imagination.

Sardar Patel University








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HUBS

-  Informal Urbanism
-  Urban Accessibility
-  Climate Change
-  Urban Governance
-  Urban Regeneration
-  Urban Form
-  Safer Cities

UNDERGRADUATE programmes

- Architecture;
- Interior Design

MASTER programmes

- Planning (Urban and Regional);
- Interior Design

OTHER programmes

Summer Programme and Workshops in Architecture, Interior Design, Geoinformatics, Sustainable Development, Climate Change basics etc. for students, researchers and professionals; Capacity Building Program for urban planning professionals.

ARTICLES

Darshak, M., Bhandari M., Zala, R. and Kumar, S. (2017). Land Suitability Analysis for Urban Plan Preparation using Remote Sensing and GIS: A Case of Anand, Vallabh Vidyanagar, Karamsad Development Plan, for International Conference' Research and Innovation.



Kumar, S. (2017). Moving Beyond The Rural-Urban Divide: Challenges for Socio-Economic Development in India, National Seminar on 'An overview on Recent Trends of Socio-Economic and Environmental Issues in India' held at ShriShiv Chhatrapati College Junnar.

Lobo, L. and Shah, J. (ed) (2015). The Rural Middle Class: The Nature of Social Change in Charotar (Anand, Gujarat), Chapter in The Trajectory of India's Middle Class: Economy, Ethics and Etiquette. UK: Cambridge Scholars Publishing.

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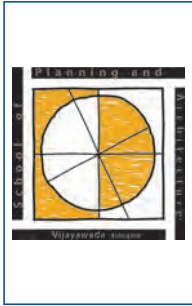
PROJECTS

2013-2016.

Draft Development Plan for Anand-Karamsad-Valabh Vidyanagar development areas. Focus on preparation of land use plan, environmental protection of water bodies, plan for future projects with emphasis on sustaining agriculture, provide residential and employment generation plans.

2016-ongoing.

Animal Waste Rendering plan- feasibility study for processing dead animals within the urban local body in Vadodara, Gujarat India. The research in partnership with two Indian technology partner and three agencies based in Finland. The project is funded by Department of Science and Technology, Govt of India and Tekes, Finland for respective partners. Its the first of its kind project in state where dead animals would be processed through plants with objective to provide clean and safe local environments.



SCHOOL OF PLANNING AND ARCHITECTURE, VIJAYAWADA

Department of Planning
India, vijayawada

The School of Planning and Architecture, Vijayawada (located at Nidamanuru), commonly known as SPA Vijayawada or SPAV, is a National Resource Institute of India. It is a premier Centrally Funded Technical Institution (CFTI) under the Ministry of Human Resource Development (MHRD), Government of India. It forms a part of the league along with other SPAs under MHRD: the School of Planning and Architecture, Delhi and Bhopal.

HUBS



UNDERGRADUATE programmes

- UG Prog in Architecture;
- UG Prof in Planning

School of Planning and Architecture, Vijayawada

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MASTER programmes

- Urban and Regional Planning;
- Environment Planning and Management;
- Sustainable Architecture

PHD programmes

- Planning;
- Architecture

OTHER programmes

- Short term workshops on Architecture and Planning related topics

PROJECTS

2015-2019.

Building Inclusive Urban COMMunities (BInUCom). The purpose of this project is to increase the relevance of Architecture and Planning Education in developing inclusive urban communities. It aims to challenge current teaching approaches and assist new course and curriculum development that take account of societal needs and the complex challenges of sustainable social housing.

Link: <http://www.lucsus.lu.se/research/urban-governance/building-inclusive-urban-communities>

Research network(s)

SDSN





THE UNIVERSITY OF QUEENSLAND

School of Earth and Environmental Sciences
Australia, Brisbane

The School of Earth and Environmental Sciences delivers practical solutions to the complex issues that affect our physical environment and how we interact with it. The interconnected teams of the school: earth scientists, physical and social scientists, environmental management specialists, health and safety experts, and urban planners work together to address the increasingly critical global challenges of a growing population, climate change, urbanisation, food security, conservation and natural resource management.

Researchers, teachers and students from around the world are drawn to our vibrant academic environment at UQ's stunning St Lucia campus. We house world-class research facilities and have access to unique fieldwork locations in Australia and abroad.

HUBS



Informal Urbanism



Climate Change



Urban Governance

UNDERGRADUATE programmes

— Regional and Town Planning

MASTER programmes

— Urban and Regional Planning
— Development Practice

PHD programmes

— Conducted by research

Research network(s)

RC21 Research Committee on the Sociology of Urban and Regional Development, International Sociological Association (ISA).

RIIER (Red Internacional de Investigación sobre Encerramiento Residencial) – International Research Network of Residential Enclosure.

AESOP, Association of European Schools of Planning.

Academic collaborations with Habitat UNI members

Conference in Cairo (2015) organised by Informal Urbanism Hub.

BOOKS

Darchen, S. and G. Searle (Eds). (2018). *Global Planning Innovations for Urban Sustainability*. Sustainability Series, Routledge (Forthcoming).

Grant-Smith, D., Edwards P. and Johnson, L. (2018). Putting Children in their Place on Public Transit: Managing Mobilities in the Child-Friendly City in C Demaziere, R Freestone and C Silver (eds.) *Dialogues in Urban and Regional Planning 6 The Right to the City*, Routledge, New York.

Pojani, D. and Stead, D. (2017). *The urban transport crisis in emerging economies*. New York: Springer International Publishing, 2017. doi:10.1007/978-3-319-43851-1

The Routledge Handbook of Australian urban and regional planning (2017). Edited by Neil Sipe and Karen Vella New York, United States: Routledge.

Roitman, S. (2016), "Between top-down and bottom-up strategies for housing and poverty alleviation in Indonesia: The PNPM programme in Yogyakarta", Attia, S., Shabka, S., Shafik, Z. and Aty, A. (Ed.), *Dynamics and Resilience of Informal Areas: International Perspectives*, Springer, ISBN 978-3-319-29946-4, Chapter 11, pp. 187- 210.

ARTICLES

Darchen, S. (2016). Regeneration and "network urbanism" in the Arts District (Los Angeles): Rethinking governance models in the production of urbanity. *Urban Studies* vol. 54, No.15: pp. 3615-3635.

Grant-Smith D., Osborne, N. & Johnson, L. (2016). The policy challenges of combining mobilities of care and commuting: An Australian perspective. *Community, Work & Family* [Q1].<http://dx.doi.org/10.1080/13668803.2016.1202194>

Jiangping Zhou, Neil Sipe, Zhen liang Ma, Derlie Mateo-Babiano, Sébastien Darchen. (2017). Mon-

itoring transit-served areas with smartcard data: A Brisbane case study, *Journal of Transport Geography*, (In press).

Parajuli, A. and Pojani, D. (2017). Barriers to the pedestrianization of city centres: perspectives from the Global North and the Global South." *Journal of Urban Design* Doi: 10.1080/13574809.2017.1369875.

Pojani, D., Johnson, L., Darchen, S. and K. Wang. (2016). Learning by doing: employer expectations of planning studio education. *Urban Policy and Research* (Practice Review) <http://www.tandfonline.com/doi/full/10.1080/08111146.2016.1221814>

Pojani, D. and Stead, D. (2016). "Post-Rational Planning and the Shifting Role of Planning Imagery." *Journal of Urban Design* 21(3):353-385.

Recio, R., Mateo-Babiano, I. and Roitman, S. (2017). "Revisiting Policy Epistemologies on Urban Informality: Towards a Post-Dualist View", *Cities*, Vol. 61, p. 136-143 (<http://dx.doi.org/10.1016/j.cities.2016.08.018>).

Roitman, S (2017). "Splintering (sub)urbanism and social differences: gated communities as the driver for suburban change in Argentina", *Revista INVI*, Vol. 32 (90), August 2017, University of Chile (in press <http://revistainvi.uchile.cl/index.php/INVI/article/view/1063>).

Li, Tiebei, Sipe, Neil and Dodson, Jago (2017). Social and spatial effects of transforming the private vehicle fleet in Brisbane, Australia. *Transportation Research Part D: Transport and Environment*, 51 43-52. doi:10.1016/j.trd.2016.12.010

PROJECTS

2016-2017

- Mapping Aboriginal routes to link landscape knowledge and cultural identity (Queensland, Australia).
- Place-making and Tactical Urbanism Program (Australia).
- How can gated communities contribute to the public good and improve the living conditions of poor residents? Gated communities and inequality in Indonesia (Jakarta and Yogyakarta).
- Urban transport and social disadvantage: the role of social capital (Australia)
- Logan Social Housing Projects for Older Tenants (Queensland, Australia).
- Reclaiming lost ground: Repurposing parking space (Case studies: Melbourne, Sydney, Brisbane, Australia).
- Policy transfer in sustainable transport in South-east Asia (Case studies: Jakarta, Manila, Kuala Lumpur, Bangkok).
- Comparative analysis of purpose-built capital cities (Case studies: capitals of South Korea, India, Kazakhstan, Nigeria, Australia, Myanmar, Brazil).

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<https://www.facebook.com/UQEarthEnvironmentalSciences>

https://twitter.com/UQ_sees





Universiti Malaysia Sabah

Borneo Marine Research Institute
Malaysia, Kota Kinabalu

Universiti Malaysia Sabah (English: Malaysian University of Sabah) or UMS is the ninth Malaysian public university located in Kota Kinabalu, Sabah, Malaysia, established on 24 November 1994. Universiti Malaysia Sabah initiated research in marine science and aquaculture in the first phase of its development. This reflected the priority given to these subjects in response to the needs of the state of Sabah and the country, and their growing importance in a global perspective.

A fully-fledged Centre of Excellence 'Borneo Marine Research Institute' (BMRI) leads developments in areas related to marine science and aquaculture. The Institute has made progressive strides within the scope of its theme which is 'Conservation and Sustainable Development of Marine Resources'. Selection of this theme was motivated by the need for innovative and relevant research oriented towards preservation of marine ecosystem for the services it provides and for undertaking advance research on topics in sustainable aquaculture. BMRI has significantly contributed to the development of human resources in these fields, provided the benefit of its expertise to many agencies and implemented several programmes of direct relevance to the society in addition to generating new knowledge and technology.

To facilitate interdisciplinary and multidisciplinary research across the university, aquaculture has been recognized as the niche area of UMS led by BMRI. Priority is given to the topic of ecological aquaculture to develop and sustain innovative, economically feasible and socially relevant systems that deliver sustainable seafood while protecting the many of the services and benefits that the marine ecosystem provides. BMRI nurtures collaboration with the coastal communities to help them empower with knowledge, reinvent their use of the resources in ways that improve their local economies, and strengthen their voice in informed decision-making and governance. The structured nature of cooperation is oriented to developing adaptations to changing climate whether the aquatic food production is carried out in urban areas in inland water bodies, estuaries and coastal areas near human habitats or in remote regions.

BMRI is sparing no efforts to promoting blue growth as the new development paradigm that fits well with the Sustainable Development Goals.

HUBS



Climate Change

UNDERGRADUATE programmes

- Aquaculture
- Marine Science

POSTGRADUATE programmes

Master of Science and PhD degrees in the following specialized areas:

- Aquaculture
- Marine science
- Marine biotechnology
- Fisheries
- Coastal and marine management

Universiti Malaysia Sabah

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Other programmes and activities

- Apprenticeship for local and international students
- University-community platforms
- University-industry projects
- Training and consultancy in fish farming, marine biodiversity and coastal zone management
- Conferences, seminars and workshops
- Journal publication– Borneo Journal of Marine Science and Aquaculture
- Newsletter- 'Surge'

BOOKS

Mustafa, S. & Shapawi, R. (2015). *Aquaculture Ecosystems: Adaptability and Sustainability*. Wiley-Blackwell, Oxford, UK.

Mustafa, S. (2015). *The Ecological Paradigm in Seafood Security*. Penerbit UMS, Kota Kinabalu.

ARTICLES

Kian, A.Y.S., Mochizuki, H., Shapawi, S. et al. (2012). Fisheries stock enhancement for the benefit of local communities. Penerbit UMS, Kota Kinabalu.

Mustafa, S., Senoo, S. & Luin, M. (2013). Response of pure stock of coral reef tiger grouper and hybrid grouper to simulated ocean acidification. *International Journal of Climate Change: Impacts and Responses* 5(1) 47-54.

Shapawi, R., Ebi, I. & Kian, A.Y.S. (2013). Soybean meal as a source of protein in formulated diets for tiger grouper, *Epinephelus fuscoguttatus* juvenile. Part I: Effects on growth, survival, feed utilization and body composition. *Agriculture Sciences* 4, 317-323.

Waheed, Z. & Hoeksema, B.W. (2013). A tale of two winds: species richness patterns of reef corals around the Semporna peninsula, Malaysia. *Marine Biodiversity* 43, 37-51.

Mustafa, S., Kharudin, S.N. & Kian, A.Y.S. (2015). Effect of simulated ocean acidification on chitin content in the shell of white shrimp, *Litopenaeus vannamei*. *Journal of Fisheries Sciences* 9, 342-345.

Chung, F.C., Komilus, C.F. & Mustafa, S. (2017). Effect of the creation of a marine protected area on populations of coral trout in the coral triangle region. *Regional Studies in Marine Science* 10, 1-9.

PROJECTS

2014-2018

Ecological aquaculture of high-value species using economically feasible production modules. RM 5,000,000.00. Niche Research Grant Scheme (Ministry of Education, Malaysia).

2014-2016

Effect of broodstock nutrition on reproductive performance and seed quality of tiger grouper and mangrove crab reared in hatchery. RM 121,288.40. Higher Institutions' Center of Excellence Grant (Ministry of Education, Malaysia).

Research network(s)

Kindai University, Japan
 Tokyo University of Marine Science & Technology, Japan
 National Taiwan Ocean University, Taiwan
 International Ocean Institute



UNIVERSITI SAINS MALAYSIA

School of Housing, Building and Planning
Malaysia, Penang

Established in 1972, the School of Housing, Building and Planning (HBP), Universiti Sains Malaysia, is one of the nation's oldest built environment school. The academic programs in the HBP have an accreditation process from the national and international professional bodies of each discipline such as Malaysian Institute of Architects, Boards of Architects Malaysia, Royal Institutes of Surveyor Malaysia, Royal Institution of Chartered Surveyor, Pacific Association of Quantity Surveyors, Malaysian Institute of Planners, Royal Institution of Chartered Surveyors (UK) and Chartered Association of Building Engineers (UK). HBP is also the home and frontiers of interdisciplinary research and partnerships. For this year, as of November 2017, HBP academic staffs and researchers holds 69 projects (active research grants), from various national and international funding bodies/scheme, and bringing more than RM6 millions in research investment.

HUBS



Urban Governance

UNDERGRADUATE programmes

- Architecture;
- Interior Architecture;
- Building Surveying;
- Building Technology;
- Construction Management;
- Urban and Regional Planning;
- Quantity Surveying

MASTER programmes (coursework)

- Housing;
- Landscape Architecture;
- Architecture;
- Planning;
- Project Management;
- Building Technology (Mixed-Mode option available);
- Tourism Development (Mixed-Mode only)

MASTER and PHD programmes (research)

- Planning Studies;
- Building Technology;
- Project Management;
- Housing;
- Architecture;
- Interior Design;
- Quantity Surveying;
- Other areas of specialization in built environment

OTHER programmes

CENTRES:

Sustainable Tourism Research Cluster (STRC);
Centre of Novel Concrete Engineering Research Network (CONCERN);
BIM Centre Of Excellence & Knowledge Exchange (BIM CEKE);
Crime Prevention;
Sustainable Construction Materials and Technology;
Conservation of Heritage Building;
Infrastructure Technology Research Unit (HBP-INFRA TECH)

BOOKS

Ahmad, M. I., Ismail, M. and Riffat, S. (2016). *Renewable Energy and Sustainable Technologies for Building and Environmental Applications*. Springer.

Marzuki, A., Jafari, J. and Xiao, H. (2016). *Stakeholder, Tourism: Encyclopedia of Tourism*. Springer Reference.

Masron, T., Osman, M. A. and Mohamed, B., Marzuki, A. and Abdul-Majid, A. (2016). *Manual For Administrator Version 1: Langkawi Island Web GIS*. Universiti Pendidikan Sultan Idris

Mohamed, B. and Zainal-Abidin, S. Z. (2016). *The Physical and Rural Capacity Framework*. Sustainable Tourism Research Cluster.

Roosli, R. and O'Keefe, P. (2016). *A Malaysian Study of Mixed Methods: An Example of Integrating Quantitative and Qualitative Methods*. Cambridge Scholars Publishing

ARTICLES

Sallehan Ismail, Wai Hoe Kwan and Mahyuddin Ramli (2017). Mechanical Strength and Durability Properties of Concrete Containing Treated Recycled Concrete Aggregates Under Different Curing Conditions. *Construction and Building Materials*. 155(30): 296-306.

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<https://www.facebook.com/hbp.usm>



Cheah Chee Ban, Part Wei Ken and Mahyuddin Ramli (2017). Effect of Sodium Silicate and Curing Regime on Properties of Load Bearing Geopolymer Mortar Block. *Journal of Materials in Civil Engineering*. 29(3).

Karam M. Al-Obaidi, Muhammad Azzam Ismail and Abdul Malik Abdul Rahman (2017). Biomimetic building skins: An adaptive approach. *Renewable and Sustainable Energy Reviews*. 79: 1472-1491.

Nor'Aini Yusof, Hanizam Awang and Mohammad Iranmanesh (2017). Determinants and Outcomes of Environmental Practices in Malaysian Construction Projects. *Journal of Cleaner Production*. 156: 345-354.

Amin Akhavan Tabassi, Kamand M. Roufechaei, Abu Hassan Abu Bakar and Nor'Aini Yusof (2017). Linking Team Condition and Team Performance: A Transformational Leadership Approach. *Project Management Journal*. 48(2): 22-38.

S. Mostafa Rasoolimanesh and Mastura Jaafar (2017). Sustainable tourism development and residents' perceptions in World Heritage Site destinations. *Asia Pacific Journal of Tourism Research*. 22(1): 34-48.

PROJECTS

December 2016.

Project to create townspaces/communities and urban design for Seberang Perai Municipal Council together with the Japanese Technical Corporation (JTC), Majlis Perbandaran Seberang Perai (MPSP), and Yokohama City University.

December 2015.

Reach Out The Homeless 2.0, Programme 14.

Inspired by the previous 'Reach out the Homeless' that was organized by Studio 300, students from Studio 200 Construction Management decided to help out homeless people by offering them dinner, in collaboration with Kechara Soup Kitchen, one of the Penang's homeless-service agency, and Restoran Kassim Mustafa.

6-8 January 2015.

Flood Relief Mission To Kelantan

Heavy rainfall last December in Kelantan State (on the East Coast of the Peninsular Malaysia) triggered flash flooding that ripping through the houses of nearly 2000 families. In the aftermath of the flood, about 30 volunteers, all of them HBP academic and non-academic staff, led by the Dean of HBP, Professor Dr Aldrin Abdullah, headed to Kelantan on January 6th on a two-day operation to provide humanitarian assistance to the affected families, food supplies and to clean-up the schools in SK Kampung Laut Tumpat and SK Paloh Pintu Gang.

Research network(s)

Macro Dimension Concrete (MDC) Sdn. Bhd. Malaysia;
Chulalongkorn University, Thailand;
Arkitek Urbanisma Sdn. Bhd. Malaysia;
Omdurman Uslamic University (IOU), Sudan



UNIVERSITY OF AUCKLAND

School of Architecture and Planning
New Zealand, Auckland

Founded in 1883, Auckland is the country's largest university with over 40,000 students, nearly 10,000 of whom graduate annually. The University of Auckland is New Zealand's leading university in the QS World University Rankings for 2018. The University is placed #82 in the world and is the only New Zealand university in the top 100. Architecture and the Built Environment rank in the 50-100 range. The School of Architecture and Planning celebrated 100 years in 2017.

HUBS

-  Climate Change
-  Gender
-  Urban Form

UNDERGRADUATE programmes

- Architectural Studies (BAS)
- Urban Planning (Honours) (BUrbPlan(Hons))

MASTER programmes

- Architecture (Professional) (MArch(Prof))
- Architecture (MArch)
- Heritage Conservation (MHerCons)
- Postgraduate Diploma in Architecture (PGDipArch)
- Planning (MPlan)
- Urban Planning (Professional) (MUrbPlan(Prof))
- Urban Design (MUrbDes)

University of Auckland
26 Symonds Street
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Julia Gatley (HOS) up till Dec 2018
Prof Deidre Brown from Jan 2019
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PHD programmes

Research qualifications in architecture, planning and urban design. The School has particular strengths in the following areas:

- Design and fabrication
- Pedagogy
- Urban design, spatial planning and place making
- Māori and Pacific research
- Theory and history
- Resilience and sustainability

BOOKS

Brown, D., Manfredini, M., Mcpherson, P., Pretty, A., Rieger, U., & Southcombe, M. (Eds.) (2017). *Crossing boundaries: Reflections on applied collaborative architectural research* (1st). Siracusa, Italy: Lettera Ventidue Edizioni S.r.l. Pages: 234. [Related URL.](#)

Garcia, E. J., & Vale, B. (2017). *Unraveling sustainability and resilience in the built environment*. London, United Kingdom: Routledge. [10.4324/9781315629087](https://doi.org/10.4324/9781315629087)

Manfredini, M., & Ta, A. D. (2017). The production of pluralistic spatialities: The persistence of counter-space territories in the streets of Hanoi, Vietnam. In R. Galdini, A. Marata (Eds.) *La Città creativa: Spazi pubblici e luoghi della quotidianità [Creative Cities: Public Spaces and Everyday Places]* (pp. 373-381). Rome, Italy: CNAPPC (Consiglio Nazionale Architetti Pianificatori Paesaggisti e Conservatori). Other University of Auckland co-authors: Anh Dung Ta

Taylor, P. E. (2016). The common heritage: Constructive utopianism. In P. Magalhaes (Ed.) *The safe operating space treaty: A new approach to managing our use of the Earth system* (pp. 104-130). Newcastle upon Tyne, United Kingdom: Cambridge Scholars Publishing.

Brown, D. A., & Taylor, P. (Eds.) (2015). *Ethics and climate change: A study of national commitments*. IUCN. Pages: 170. [10.2305/IUCN.CH.2015.EPLP.86.en](https://doi.org/10.2305/IUCN.CH.2015.EPLP.86.en) URL: <http://hdl.handle.net/2292/31336>



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Reeves, D. (2016) *Management Skills for Planners*, London: Palgrave Macmillan.

ARTICLES

Garcia, E. J. (2017). Between grey and green: Ecological resilience in urban landscapes. *Landscape Review*, 17 (2), 67-82.

Manfredini, M., Zamani Garaghooshi, F., & Leardini, P. (2017). Instances of emerging agonistic spatialities in the contemporary city: The production of differential geographies in the public space of Istanbul. *Asian Journal of Humanities and Social Studies*, 5 (5), 281-291. [Related URL](#).

Manfredini, M., Xin, T., Jenner, R., & Besgen, A. (2017). "Transductive Urbanism" a method for the analysis of the relational infrastructure of malled metropolitan centres in Auckland, New Zealand. *Athens Journal of Architecture*, 3 (4), 411-440. Other University of Auckland co-authors: Ross Jenner

Reeves, D., & Knight-Lenihan, S. (2017). Habitat III: NUA is a critical complement to 2015's Sustainable Development Goals and the Paris climate agreement. *Planning Quarterly* (204), 4-12. URL: <http://hdl.handle.net/2292/33958>. Other University of Auckland co-authors: Stephen Knight-Lenihan

Reeves, D. E., & Zombori, E. (2016). Engendering cities: international perspectives from Aotearoa New Zealand. *Town Planning Review*, 87 (5), 568-587. [10.3828/tpr.2016.37](https://doi.org/10.3828/tpr.2016.37). URL: <http://hdl.handle.net/2292/31522>

Taylor, P. E. (2017). Governing the Global Commons: an ethical-legal framework. *Policy Quarterly*, 13 (1), 43-50. [Related URL](#)

PROJECTS

Research within the school covers a diverse range of fields including theoretical, policy, design and practice-based aspects of architecture, urban planning and urban design: history/theory, sustainability, design, digital media, regional and urban policy, urban design and morphology, affordable housing, environmental law and governance. Our research

is published in national and international academic journals, books and conference publications, and we also mount exhibitions of our creative work, within and outside New Zealand.

"Give us Space" is an NSC11 contestable funded project which runs for 1 year and will be complete by Jan 2019. The focus is semi-public space. Led by Manfredo Manfredini and Dory Reeves. This project formed the basis of a network event at WUF9 with a panel of 8-9 international experts.

From Urban Landscape Units to Morphological Coding: Exploring an Alternative Approach to Zoning in Auckland, New Zealand: Dr Kai Gu's research on geographical urban morphology is pertinent to both describing and prescribing the spatial structure and character of the built environment. Based on the relationship between morphological periods and the stratification of urban form, the recognition of urban landscape units is fundamental to the understanding and planning of urban areas. In seeking more integrated development control, a morphological coding alternative is suggested which is derived from spatial analysis of the composite structure of urban landscape units.

Timber Building Studies: This group has been formed to contribute to the general discussion about multi-level timber commercial buildings. The group is made up of staff from the School of Architecture and Planning and includes: John Chapman, Senior Lecturer; Dr George Dodd, Head of Acoustic Testing Service; Assoc Prof Uwe Rieger; and Prof Andrew Barrie.

Ongoing.
Live studios.

Academic and Research network(s)

Asia Pacific Rim Universities Network
World Universities Network
Universitas 21
Urban Research Network



UNIVERSITY OF CALCUTTA

Department of Geography
India, Kolkata

THEMATIC AREAS

- ▶ Geoinformatics in Urban Planning
- ▶ Urban Environment.

Undergraduate programmes

— Geography

MASTER programmes

— Geography

PHD programmes

— Geography (interdisciplinary with other Departments of the University: Economics, Sociology, Environment Studies, Governmental and non-Governmental Institutions).

OTHER programmes (2016-2017)

— UGC–HRDC Course on *Spatial Planning: Analytical Skills, Approaches and Methods*, 2017.

The Department of Geography of the University of Calcutta was founded in 1941 by the doyen of Indian Geography, *Padmabhushan* Prof. Shibaprasad Chatterjee. In 1963 it was shifted to the Science College at Ballygunge. Legendary teachers like Prof. Nirmal Kumar Bose, Prof. Kanan Gopal Bagchi, Dr. Ranjit Lahiri, Dr. B. N. Mukherjee, contributed significantly to its growth. National Atlas and Thematic Mapping Organization, a scientific institution under the Government of India and the Geographical Society of India were began here. The Department is supported by DST and UGC for infrastructure development.

Celebrating its 75th Anniversary in 2016, the department has produced D.Litts, D.Sc.s and over one hundred sixty Ph.D. Scholars. And has recently been awarded the prestigious RAJA TODARMAL GEOSPATIAL CHAIR by the Department of Science and Technology, Government of India.

Special award/ recognition from UGC or related statutory body

In 2012-2014 – Development grants for Phase I, 2014-2017 – Phase II. DST-PURSE Scheme introduced in 2015.

Thrust areas in teaching and research

- Geomorphology and hazard studies.
- Cartography, Remote Sensing-GIS
- Tropical Climatology.
- Urban Geography and Regional Planning

HUBS

- | | |
|--------------------|---------------------|
| Informal Urbanism | Urban Accessibility |
| Climate Change | Urban Governance |
| Urban Regeneration | Gender |
| Safer Cities | Urban Form |



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- **International Symposium** on Challenges of Urbanisation and Planning in China & India, January, 2017.
- **29th Conference of the Indian Institute of Geomorphologists (IGI)** on Geomorphology and Natural Hazards, November 2016.
- Hosting Indian Institute of Remote Sensing EDUSAT Outreach Programme since 2016.
- Faculty Recharge on *Disaster Management*, 2016.
- Training Programme on *RS, GNSS & GIS* Using Open Source softwares March, 2016
- **International Regional Science Conference** on Urbanization and Regional Sustainability, January 28-30, 2016.

BOOKS

Bandyopadhyay, S., Torre, A., Dentinho, T and Casaca, P. (2017). *Regional Cooperation in South Asia*, Springer International.

Panja, S., Nag, A.K. and Bandyopadhyay, S. 2015: *Living with Floods: Archaeology of a Settlement in the Lower Ganga Plains, c.600–1800 CE*. Primus Books, New Delhi: 287 p. [ISBN 978-93-84082-59]

ARTICLES

Bandyopadhyay, S. and Kar, N.S. 2014: 'The Kedarnath disaster: In search of scientific reasoning'. *Current Science*, Vol. 107, No. 4, p 557.

Bandyopadhyay & Haque 2012: Identification of Metropolitan Core Using Geo-spatial Data for Kolkata, India, *Scientific Annals of University of IASI*, Vol. LVIII, Geography Series 1223-5334 2284-6379 (e-ISSN)

Satpati, L. N., 2015: *Monsoon Variability, Crop Water Requirement, and Crop Planning for Kharif Rice in Sagar Island, India* (with S. Mandal and B. U. Choudhury), in *International Journal of Biometeorology*, Springer, (Online first) ISSN 0020-7128, DOI 10.1007/s00484-015-0995-9, 15p.

Chatterjee, S. Das N and Roy, U. (2013). Habitat-Based Ecological Analysis of Urban Space in Mountain Environment: An Appraisal for Gangtok Town, Sikkim." *International Journal of Ecology, Environment and Conservation* 19, no. 3 (2013): 707-715.

Tamang L. & Mandal D.K., 2015: Bed material extraction and its effects on the forms and processes of the lower Balason river in Darjeeling Himalayas, India –, *Geographia Polonica* (ISSN: 2300-

7362), 2015, Vol. 88, No. 3, pp. 393-405, <http://dx.doi.org/10.7163/GPol.2015.3>

PROJECTS

2017

- Consultancy assessment with World Bank titled *Evolution of Islands in Indian Sundarban* by Prof. Sunando Bandopadhyay.
- Consultancy assessment with World Bank titled *Land Dynamics of Indian Sundarban* by Prof. Sumana Bandopadhyay.
- Consultancy assessment with World Bank titled *Migration from Bangladesh to Indian Sundarban* by Dr. Utpal Roy.
- A research project titled *Environmental Transformation and Development Perspective in West Bengal* under UGC-DRS Phase II.
- Research Project under University with Potential for Excellence (UPE) under UGC "Analysis and Assessment of Environmental Impact of River-bed Mining at Regional Scale: Case Study along Ajay-Darakeswar River, West Bengal".

Collaborations

Collaborative projects, books, teaching-learning programmes, conferences with the following Organisations / Institutes:

1. University Grants Commission, Govt. of India.
2. Department of Science and Technology, Govt. of India
3. The World Bank
4. Regional Science Association International
5. Regional Science Association of India
6. International Association of Geomorphologists
7. Himalaya Samiksha Parishad
8. Anthropological Survey of India
9. Indian Institute of Ecological Economics
10. South Asian Development Forum
 - As an UN Habitat partner, we are a part of the Urban Observatory Initiative along with National Institute of Urban Affairs and Indian Institute of Technology, Kharagpur, India.
 - Part of the Research Councils of UK network on Urban Research.



UNIVERSITY OF ENGINEERING AND TECHNOLOGY, LAHORE, PAKISTAN

City and Regional Planning Department
Pakistan, Lahore

MASTER programmes

- City and Regional Planning;
- Community Development and Environmental Management;
- Disaster Management

PHD programmes

- City and Regional Planning

The Department of City and Regional Planning (CRP) established in 1962, holds the honor to be the most prestigious and the instigating institution of City & Regional Planning education in Pakistan. Holding a splendid track record of more than forty years education, training and research in the field of City and Regional Planning, the department acts as the flagship institute of Planning and Development in Pakistan. The department offers B.Sc., M. Sc., M. Phil., and Ph.D. Degree Programs in the field of City & Regional Planning. The degrees offered by the department are recognized and accredited by Pakistan Council of Architects and Town Planners, Higher Education Commission, Pakistan and honored and accepted at the International City and Regional Planning Institutes and professional bodies all over the World.

The curriculum of City and Regional Planning Degree Program includes all components of built environment encompassing housing, urban studies, transportation planning, environmental planning, rural and regional development, and community empowerment, ensuring the production of technically strong and highly equipped City and Regional Planners. The graduates of this profession are not only playing the role doctors of cities, but also enjoying the honor of holding key portfolios in government, semi-government, and national and international NGOs.

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<https://www.facebook.com/UETLahore.official/>
https://twitter.com/UET_official

HUBS

- Informal Urbanism
- Urban Accessibility
- Climate Change
- Urban Governance
- Urban Regeneration
- Urban Form
- Safer Cities

UNDERGRADUATE programmes

- City and Regional Planning





UNIVERSITY OF NEWCASTLE




School of Architecture and Built Environment
Centre for Urban and Regional Studies (CURS)
Australia, Callaghan

The University of Newcastle specialises in delivering world-class education to more than 38,000 enthusiastic individuals from 115 countries around the globe, all looking to bring new to the world. Our world-class research and strong national and international partnerships drives the kind of innovation and discovery that challenges conventional thinking. Our research breaks new ground and changes lives. From geographical and interdisciplinary perspectives, CURS' research focuses on the factors driving urban and regional transformations, the outcomes and challenges, and the prospects of creating just and sustainable urban, rural and regional communities, economies and environments.

Through basic, applied and community-engaged research, CURS' researchers produce theoretically informed and empirically grounded understandings of:

- the dynamics of urban and regional transformations;
- the ways diverse locations, institutions and communities negotiate the challenges and opportunities posed by these transformations; and we
- contribute to learning to foster innovative governance and community responses.

HUBS

- | | |
|--|---|
|  Informal Urbanism |  Urban Accessibility |
|  Climate Change |  Urban Governance |
|  Urban Regeneration |  Gender |
|  Safer Cities |  Urban Form |

UNDERGRADUATE programmes

- Design (Architecture)
- Construction Management (Building) (Honours)
- Arts (Human Geography and the Environment major)

- Arts (Human Geography and the Environment major) (Honours)
- Social Science (Human Geography and the Environment major)
- Social Science (Human Geography and the Environment major) (Honours)
- Development Studies and Development Studies (Honours)

Majors:

- Cultures and Citizenship – this will prepare you for fields related to Indigenous affairs, immigration and citizenship or community development.
- Environmental Sustainability – this will prepare you with skills to evaluate the impact of development on the environment and the community.
- Globalisation and Economic Development – you could go on to work in fields related to economic policy and analysis.
- Urban and Regional Development – this will open up employment opportunities in the fields of planning, regional or community development.

Combined degrees

1. Bachelor of Development Studies / Bachelor of Business
2. Bachelor of Development Studies / Bachelor of Social Science
3. Bachelor of Development Studies / Bachelor of Laws (Honours)

MASTER programmes

- Architecture
- Graduate Certificate in Disaster Risk Reduction
- Disaster Resilience and Sustainable Development
- Graduate Certificate in Property
- Property
- Graduate Certificate in Project Management for the Built Environment
- Project Management for the Built Environment

PHD programmes

- Architecture
- Building
- Disaster Management
- Industrial Design
- Geography and Environmental Studies
- Development Studies

BOOKS

Ware, S.; Lee, G. (2014). *Making Sense of Landscape: The Practice of Taylor, Cullity & Lethlean*, Spacemaker Press, New York.

Charlesworth, E. and Ahmed, I. (2015). *Sustainable housing reconstruction: Designing resilient housing after natural disasters*. London: Routledge.

Cameron J, Grant-Smith D, (2018). 'The right to contribute: the dynamics and dilemmas of community engagement in the Australian context', *The Routledge Handbook of Australian Urban and Regional Planning*, Routledge, New York 293-301.

Bawaka Country, Burarrwanga L, Ganambarr R, Ganambarr-Stubbs M, Ganambarr B, Maymuru D, et al., (2018). 'Meeting across Ontologies: Grappling with an ethics of Care in Our Human-More-than-Human Collaborative Work', *Narratives of Educating for Sustainability in Unsustainable Environments*, Michigan State University, East Lansing, Michigan 219-243.

Duffy, M, Wood, P, Whyte, S, Yell, S, Carroll, M (2016). Why isn't there a plan? Community vulnerability and resilience in the Latrobe Valley's open cut coal mine towns, in M Companion & M Chaiken (eds) *Understanding Vulnerability, Building Resilience: Responses to Disasters and Climate Change* CRC Press, Taylor and Francis Group; pp. 199-209.

ARTICLES

Ahmed, I. (2017). Resilient housing reconstruction in the developing world. In A. March & M. Kornakova (Eds.), *Urban Planning for Disaster Recovery* (pp. 171-188) Cambridge; USA: Elsevier.

Mathie A, Cameron J, Gibson K, (2017). 'Asset-based and citizen-led development: Using a diffracted power lens to analyze the possibilities and challenges', *Progress in Development Studies*, 17 54-66.

Gibson K, Astuti R, Carnegie M, Chalernphon A, Dombroski K, Haryani AR, et al., (2018). 'Community economies in Monsoon Asia: Keywords and key reflections', *Asia Pacific Viewpoint*, 59 3-16.

Plahé J, Wright S, Marembo M, (2017). 'Livelihoods crises in Vidarbha, India: Food sovereignty through traditional farming systems as a possible solution', *South Asia: Journal of South Asia Studies*, 40 600-618.

Sherval M, Askland H, Askew M, Hanley J, Farrugia D, Threadgold SR, Coffey J, (2018). 'Farmers as modern-day stewards and the rise of new rural citizenship in the battle over land use', *Local Environment: the international journal of justice and sustainability*, 23 100-116.

Farrugia D, Hanley JE, Sherval M, Askland HH, Askew MG, Coffey JE, Threadgold SR, (2018). 'The

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Twitter: [@uni_newcastle](https://twitter.com/uni_newcastle)



local politics of rural land use: Place, extraction industries and narratives of contemporary rurality', *Journal of Sociology*, Online Early.

Luu C, von Meding J, Kanjanabootra S. (2017). Assessing flood hazard using flood marks and analytic hierarchy process approach: a case study for the 2013 flood event in Quang Nam, Vietnam, *Natural Hazards*, 1-20.

Forino G, von Meding J, Brewer G, van Niekerk D. (2017). Climate Change Adaptation and Disaster Risk reduction integration: Strategies, Policies, and Plans in three Australian Local Governments, *International Journal of Disaster Risk Reduction*, 24:100-108.

Salami, R., Von Meding, J. K. and Giggins, H. (2017). Urban settlements' vulnerability to flood risks in African cities: a conceptual framework, *Jàmbá: Journal of Disaster Risk Studies*, 9(1).

Gajendran, T. and R. Oloruntoba (2017). "Governance and Resilience: A Case of Re-Development after a Bushfire Disaster." *Technological Forecasting and Social Change* 121: 50-64.

Cohen, M., Gajendran, T., Lloyd, J., Maund, K., Smith, C., Bhim, S. and Vaughan, J. (2018). Valuing creative placemaking: development of a toolkit for public and private stakeholders. NSW Government, Landcom: Sydney, Australia.

PROJECTS

2017-2018.

Understanding the opportunities and challenges of compliance to safe building codes for disaster resilience in South Asia - the cases of Bangladesh and Nepal", with T. Gajendran, K. Maund, G. Brewer and von Meding, J.

Academic network(s)

Institute of Australian Geographers
UNITAR - Cifal

Research network(s)

MASIPAG, a national-level organisation with 512 member-organisations.

DRR Education Network (DRR-ED.ORG)
UrbanGrowth Communities of Practice

Academic collaborations with Habitat UNI members

With RMIT University – Consultant for PhD scholar for thesis on "Hanoi Urban Morphology: Reconciling Development, Conservation and Sustainability".

Research collaborations with Habitat UNI members

With RMIT University resulting in co-edited book: Marsh, G., Ahmed, I., Donovan, J. and Barton, S. (Eds.) (2017). *Community engagement in post-disaster recovery*. London: Routledge.

With RMIT: OLT Project - Modelling disaster resilience: enhancing student learning through trans-disciplinary simulation of wicked scenarios (RES-SIM) 2015/16



UNIVERSITY OF PAPUA NEW GUINEA

Environmental Science and Geography
Papua New Guinea,
Port Moresby

The University is one of the higher institutions in the country. It has five schools: 1. School of Business Administration, 2. School of Law, 3. School of Humanities and Social Sciences, 4. School of Medicine & Health Sciences and 5. School of Natural and Physical Sciences.

The Environmental Sciences and Geography Discipline comes under the School of Natural and Physical Sciences. Under the discipline they have Environmental Sciences, Physical and Human Geography of which Urban program comes under the Human Geography component.

HUBS

- Informal Urbanism
- Urban Governance
- Climate Change
- Gender
- Safer Cities
- Urban Form
- Urban Accessibility

University of Papua New Guinea
Environmental Sciences & Geography
School of Natural and Physical Sciences
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Contact:
Georgina Numbasa
ndjordjii@gmail.com

Regina Kiele
kielerh@upng.ac.pg

www.upng.ac.pg/

UNDERGRADUATE programmes

- Urban Steam Subjects = Urban Environmental Crisis;
- Urban Planning and Management;
- Rural and Regional Planning and Development;
- Sustainable Built Environment;
- Diploma in Physical Planning (to be taught in 2019)

OTHER programmes

- End of Semester Short Course - Certificate in Physical Planning and Geographical Information System

BOOKS

Kiele, R., Mageto, M., Numbasa, G, and Miria, G. (2013). *Port Moresby, Climate Change Vulnerability Assessment* United Nations Human Settlements Programme (UN-Habitat).

Numbasa, G., Kiele, R. and Miria, G. (2012). *Papua New Guinea: National Urban Profile*. United Nations Human Settlements Programme (UN-Habitat).

Mitchell, D.; Orcheron, D.; Numbasa, G. and McEvoy, D., (2016). *The implications for land issues for climate resilient informal settlements in Fiji and Papua New Guinea*, Royal Institution of Chartered Surveyors (RICS), London, UK.

Koczberski, G.; Numbasa, G.; Germis, E. and Curry, G., (2017). *Informal Land Markets in Papua New Guinea in Filer, C (ed), Kastom, Property and Ideology: Land Transformations in Melanesia*, pp.145-168, Australian National University, Canberra.

Kiele, R. (2011). *8Mile West Papua Resettlement Environmental Feasibility Study Report*. UNHCR, Port Moresby.



ARTICLES

Numbasa, G. and Mitchell, D., (2017). Perceptions of vulnerability, tenure security and resettlement issues of informal settlers in Papua New Guinea, for *Special Urbanisation in the Pacific Issue of Development Bulletin*.

Numbasa, G. and Koczberski, G., (2015). Migration, informal urban settlements and non-market land transactions: a case study of Wewak, East Sepik Province, Papua New Guinea, in Curry, G.N; Koczberski, G and Connell, J (eds), *Migration, Land and Livelihoods: Creating Alternative Modernities in the Pacific*, pp. 29-38, Routledge, London.

Numbasa, G. and Koczberski, G., (2012). Migration, informal urban settlements and non-market land transactions: A case study of Wewak, East Sepik Province, Papua New Guinea, *Australian Geographer*, Vol. 43, No. 2, pp. 143-161.

Kiele, R. and Numbasa, G., (2009). Integration of GIS and Socio Economic Determinants to map characteristics of Urban Informal Settlements in the national Capital District (Port Moresby), Papua New Guinea, Papua New Guinea, *Journal of Research, Science and Technology*, Vol.1, pp. 53-66.

PROJECTS

2008. National Urban Profile – identifying the key urban thematic urban issues to assist local governments with their planning.

Port Moresby Vulnerability Assessment – to identify impacts of urban change on the Port Moresby City and to help build resilience.








2011. 8 Mile West Papua Resettlement Project - land assessment research for a most suitable site for the settlement scheme for the West Papua refugees



UNIVERSITY OF SEOUL
 Smart City Research Center
 South Korea, Seoul

The University of Seoul is a public university funded and supported by the Seoul Metropolitan Government. Seoul is the 600-year capital of Korea, a historical city with social, cultural, and physical layers spread out along a vast and complex landscape. Seoul is also well known for the successful transformation last half century into a smart and sustainable city from a devastated ruin after the war. The university is distinguished by a commitment to civic values and a dynamic urban civilization. Along with basic research, it functions as a think-tank in formulating and supporting the major policy goals of the Seoul Metropolitan Government. With diverse and specific programs that integrate research and policy, practice and education, the University of Seoul has an ideal mix of academic research and professional practice in the smart and sustainable urban planning.

HUBS

-  Informal Urbanism
-  Urban Accessibility
-  Climate Change
-  Urban Governance
-  Urban Regeneration
-  Urban Form
-  Safer Cities

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THEMATIC AREAS

- ▶ Land Use
- ▶ Finance,
- ▶ Infrastructure (Water, Transportation, Waste, etc.)

UNDERGRADUATE programmes

- Urban and Regional Planning;
- Urban and Regional Development

MASTER programmes

- Urban and Regional Planning;
- Urban and Regional Development

PHD programmes

- Urban and Regional Planning;
- Urban and Regional Development

OTHER programmes

- International Urban Development Program;
- Master of Urban Administration and Planning;
- Master of Urban and Regional Development

PROJECTS

2017

International Urban Development Collaboration Strategy of Seoul.

2016

Addis Ababa - Seoul Urban Planning Capacity Building.

2016

International Port Development.

2015

Black Water Restoration in China.

Academic network(s)

- Korea Planning Association (KPA)
- The Korean Regional Development Association (KRDA)





UNIVERSITY OF THE PHILIPPINES

School of Urban and Regional Planning
Philippines, Quezon City

The University of the Philippines School of Urban and Regional Planning (UP-SURP) is the Philippines' premier academic institution for graduate education in the field of urban, regional and environmental planning, and related disciplines. Formerly known as the Institute of Planning and created by virtue of Republic Act (RA) No. 4341, UP SURP was given the mandate to strengthen the capability of national and local government agencies, as well as, private organizations, to find solutions to their development problems and improve human settlements and their environments through comprehensive integrated planning. Moreover, it is mandated to develop, hone, and make available a pool of capable professional urban and regional planners. The School continues to uphold its four-fold mandate of quality graduate education, research, training, and extension services.

HUBS



Climate Change



Safer Cities

MASTER Programmes

- Master of Arts in Urban and Regional Planning (MAURP);
- Master of Science in Regional Development Planning (MSRDP) in collaboration with the Technical University of Dortmund – International Planning Centre

PHD Programmes

- Doctor of Philosophy in Urban and Regional Planning (PhDURP)

OTHER Programmes

- Postgraduate Diploma in Urban and Regional Planning (DURP)

Academic network(s)

Association of Collegiate Schools of Planning, Spatial Planning for Regions in Growing Economies (SPRING) Global Planning Network

Research network(s)

UN Habitat University Network Initiative (UNI), Public-Private Partnerships for Service Delivery (PPPSD) Network



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VIETNAMESE-GERMAN UNIVERSITY







Sustainable Urban Development master study program
Vietnam, Ho Chi Minh City

The Vietnamese – German University (VGU) was established in 2008 within Framework of Governmental Higher Education Reform, VGU aims to become a leading research university in the region. While being a Vietnamese state university, VGU adopts German academic models and standards, whereby study programs are organized in collaboration with German partner universities who ensure excellence in academic training and research.

Sustainable Urban Development (SUD) is a full-time two-year (4-Semester) Master Program offered at VGU by the Technical University of Darmstadt (TUD). Successfully accredited by ACQUIN, a leading independent accreditation agency in Germany, the program has sought to provide Vietnamese and international students with specialized knowledge and skills to fulfill the roles of an urban practitioner in governmental, non-governmental and private sectors and with a wide array of expertise involving economic, social, and environmental development. Focusing on practical issues, SUD provides to its students a comprehensive approach to urban development that will enable them to contribute to the development of Vietnamese cities in the near future.

Besides, SUD team proactively contributes to the sustainable development of cities and provinces in Vietnam by carrying out research projects in close partnership with several technical departments of, for example, Ho Chi Minh City and Binh Duong province. Our experts also have partnerships with the International Partners such as World Bank, UNDP and Cities Alliance in Vietnam as well as Vietnamese Ministry of Construction to share our knowledge and expertise for the sustainable development of Vietnamese cities.

HUBS

-  Informal Urbanism
-  Urban Accessibility
-  Climate Change
-  Urban Governance
-  Urban Regeneration
-  Urban Form

MASTER programmes

- Sustainable Urban Development;
- Traffic and Transport

PHD programmes

- Sustainable Urban Development (this PhD is under preparation process)

OTHER programmes

- Short courses on SUD related issues

PROJECTS

Completed

Real Estate Market Development of Ho Chi Minh City for the 2016-2030 period.
Fund by Department of Construction of Ho Chi Minh City, we developed a Master Plan for Real Estate Market of Ho Chi Minh City for the 2016-2025 period with a vision towards 2030. The plan was recently approved by People Committee of Ho Chi Minh City in October 2017

Ongoing projects

2017-2020

Southeast Asia Neighborhood Development Network.

This new ‘urban’ initiative of IIAS is about research, teaching and dissemination of knowledge on Asia through the prism of city neighborhoods and urban communities. It will support the development of contextualised knowledge on the spatio-human environment of neighbourhoods in six selected Southeast Asian cities, through participative field-research, in situ policy roundtables, local capacity building exercises, academic conferences, publications, documentary films and new syllabi.

2016-2018

Towards Livability: Urbanization and Quality of Life in Binh Duong province

Funded by Department of Science and Technologies of Binh Duong, the project aims to (i) assess the



Vietnamese-German University
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German.University](https://www.facebook.com/Vietnamese-German.University)

SUD master study programme
<http://vgu.edu.vn/sustainable-urban-development>
<https://www.facebook.com/msc.sud.vgu>

urbanization process of Binh Duong, with special regards to the Industrialization and Development of the province during the last 20 years and (ii) assess the Quality of Life of Urban inhabitants living in 5 cities of the province

2017-2018

Study and propose housing models to reduce the negative impact of flooding in Ho Chi Minh City: Case study in District 8
Funded by Ministry of Education and Training of Vietnam, the project aims to assess the current practices reducing negative impacts of flooding in a typical district of Ho Chi Minh City

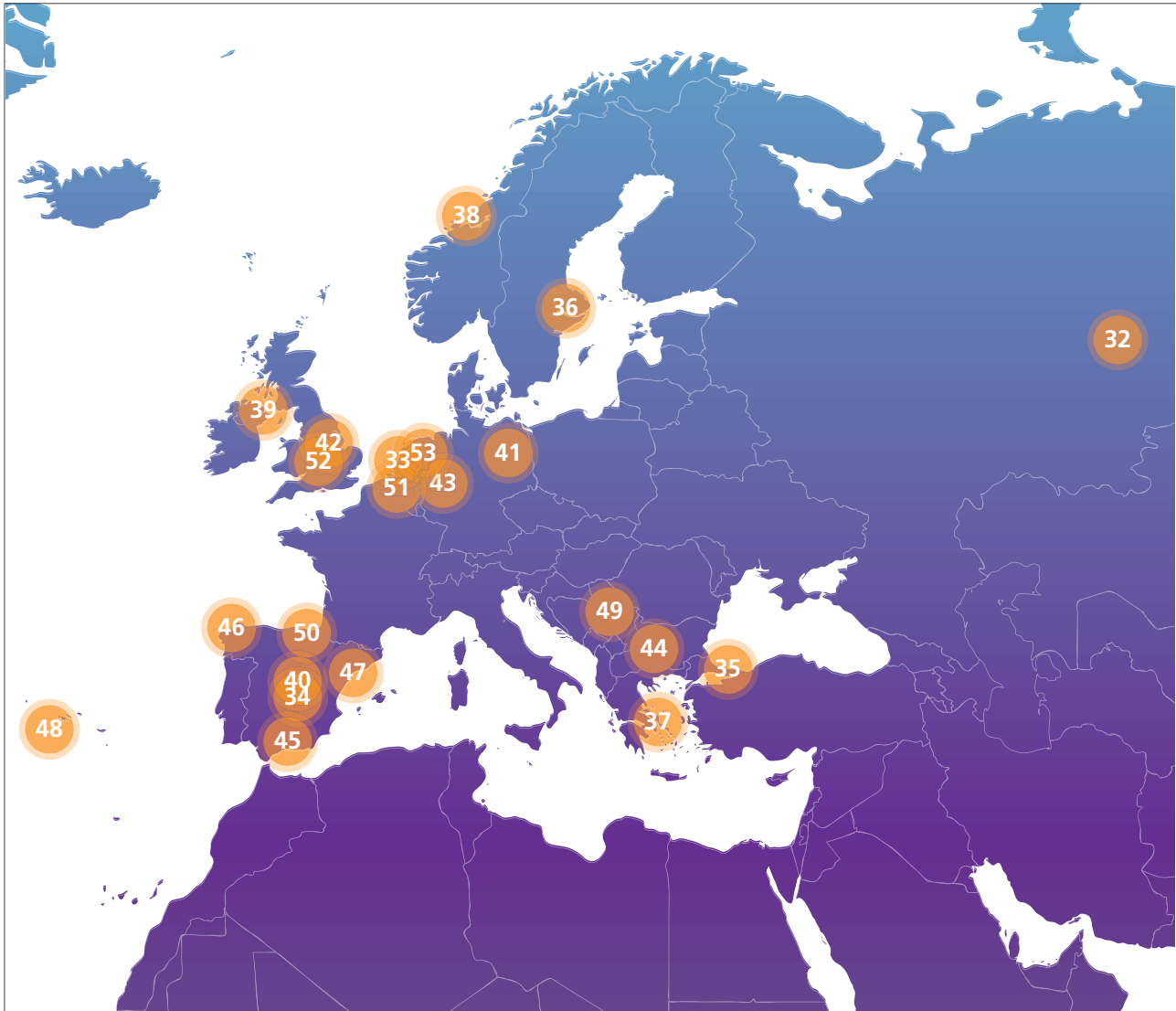
2017-2018

Smart Governance towards Smart City: Case study of Ho Chi Minh City
Funded by Ministry of Education and Training of Vietnam

2016-2018

Measuring, Delivering and Perceiving Urban Density: a case study of Ho Chi Minh City
Identifying challenges of Transit-Oriented Development in Vietnamese cities
Two projects partly funded by a Start-Up Grant of World Bank for VGU's Senior Lecturers

COMMONWEALTH OF INDEPENDENT STATES EUROPE



COMMONWEALTH OF INDEPENDENT STATES

32. Ural State University of Architecture and Arts, (Russia)

EUROPE

33. Delft University of Technology (TU Delft), Faculty of Architecture and the Built Environment, (The Netherlands)
34. ESNE. Escuela Universitaria de Diseño, Innovación y Tecnología, (Spain)
35. Istanbul Technical University, (Turkey)
36. KTH Royal Institute of Technology, Stockholm (Sweden)
37. National Technical University of Athens, (Greece)
38. Norwegian University of Science and Technology, (Norway)

39. Queen's University Belfast (United Kingdom)
40. San Pablo CEU University, (Spain)
41. Technische Universität Berlin, (Germany)
42. The University of Lincoln, (United Kingdom)
43. TU Dortmund University, (Germany)
44. UACEG, (Bulgaria)
45. Universidad de Málaga, (Spain)
46. Universidade da Coruña, (Spain)
47. Universitat Rovira i Virgili, (Spain)
48. University of Azores, (Portugal)
49. University of Belgrade, (Serbia)
50. University of Deusto, (Spain)
51. University of Leuven (KULeuven), (Belgium)
52. University of Warwick, (United Kingdom)
53. Windesheim University of Applied Sciences, (The Netherlands)







URAL STATE UNIVERSITY OF ARCHITECTURE AND ARTS

Urban Planning Department
Russia, Ekaterinburg

Ural State University of Architecture and Art (USUAA) is a federally funded public institution providing higher education in the fields of architecture, planning, design, and arts. USUAA has around 3000 students and 300 teaching and research staff.

Education is provided through five departments: Architecture, Design, Institute of Fine Arts, Pre-Admission Training, and Professional Development. The range of delivery encompasses all higher education levels – undergraduate, postgraduate, and doctoral. USUAA is conducting research in the following areas: 1) theory and history of architecture, heritage conservation and reconstruction; 2) architectural creativity; 3) planning; 4) landscape architecture; 5) theory and methodology of architectural education; 6) animation; 7) fine and applied decorative arts; 8) industrial aesthetics and design.

HUBS

-  Informal Urbanism
-  Urban Form
-  Safer Cities
-  Urban Regeneration
-  Urban Accessibility

UNDERGRADUATE programmes

- Architecture (Bachelor, 5 years, Department of Architecture)
- Town planning (Bachelor, 5 years, Department of Architecture)
- Design (Bachelor, 4 years, Department of Design)
- Decorative arts and crafts (Bachelor, 4 years, Institute of Fine Arts)

MASTER programmes

- Architecture (2 years, Department of Architecture)
- Design (2 years, Department of Design)

OTHER programmes

- Painting —easel painting— (6 years, Institute of Fine Arts)
- Graphics —animation and computer graphics— (6 years, Institute of Fine Arts)
- Monumental and decorative art -painting, sculpture, interior art- (6 years, Institute of Fine Arts)

E-learning courses

«School of Design Thinking»
<http://fdpo-usaaa.ru/moodle/course/view.php?id=15>

ResearchGate
https://www.researchgate.net/profile/Alexander_Gushchin

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DELFT UNIVERSITY OF TECHNOLOGY (TU DELFT)

Faculty of Architecture and the Built Environment
Netherlands, Delft

The Faculty of Architecture and the Built Environment at TU Delft, established in 1904, has a leading role in the area of architecture education and research in the broadest sense. The Faculty consists of five departments; Architecture, Urbanism, Architectural Engineering + Technology, OTB – Research for the Built Environment and Management in the Built Environment (formerly Real Estate & Housing).

HUBS

-  Informal Urbanism
-  Urban Accessibility
-  Climate Change
-  Urban Governance
-  Urban Regeneration
-  Gender
-  Safer Cities
-  Urban Form

UNDERGRADUATE programmes

— Architecture, Urbanism and Building Sciences

MASTER programmes

- Architecture, Urbanism and Building Sciences;
- Geomatics for the Built Environment;
- Geographical Information Management and Applications (GIMA);
- Metropolitan Analysis, Design and Engineering (MSc MADE)

PHD programmes

- Graduate School for Architecture and the Built Environment [A+BE]:
- Doctorate in architecture, building technology, urbanism, landscape architecture, geomatics, management of the built environment and housing.

OTHER programmes

- European Post-master in Urbanism (EMU);
- The Berlage Post-master in Architecture and Urban Design

BOOKS

Cavallo R, Komossa S, Marzot N, Berghauer Pont MY (eds) (2014). *New Urban Configurations*. Amsterdam, IOS Press.

Swenarton, M, Avermaete, TLP & Heuvel, D van den. (2015). *Architecture and the welfare state*. London, Routledge.

Squires, Graham, & Heurkens, E. (2015). *International Approaches to Real Estate Development*. Routledge, UK.

Mason, C. Reuschke, D., Syrett, S. & van Ham M. (eds). (2015). *Entrepreneurship in cities: neighbourhoods, households and homes*. Edward Elgar: Cheltenham.

Oosterhuis, K and Bier, HH (eds.) (2013). *Robotics in Architecture, IA#5*, Jap Sam Books, Heijningen.

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PROJECTS

2010-2014.

Climate Proof Cities.

Climate Proof Cities has yielded insights into how to make Dutch cities climate proof, with a focus on urban heat and increased precipitation in built-up areas. The consortium worked for four years together with municipalities, water boards and the national government to provide answers to questions from practice. Grant: €710,000.

2012-2017.

4TU.BOUW Lighthouse projects.

TU Delft is part of a federation of Dutch universities of technology: the 4TU.Federation. The 4TU.BOUW Center of Excellence for the Built Environment was set up to face its grand challenges using an effective and multidisciplinary approach. The 4TU.BOUW Center of Excellence consists of University of Twente; TU Delft; TU Eindhoven; Wageningen University. Together we carry out different projects.

2013-2016.

COHERENO, Intelligent Energy Europe.

The EU project 'Collaboration for housing nearly zero energy renovation', abbreviated to COHERENO, made a valuable contribution to achieving the EU's energy efficiency and climate protection goals. Nine institutions from five European countries were involved in the project. They developed proposals and concepts for promising cross-sector and company business models for high efficiency refurbishment of single-family houses to nearly zero-energy housing.

2011-2015.

NEUJOBS, FP7 SSH.

NEUJOBS is a research project financed by the European Commission, under the 7th Framework Programme. The objective is to analyse future possible developments of the European labour market(s) under the main assumption that European societies are now facing or preparing to face four main transitions that will have a major impact on employment, in particular for some groups in the labour force or sectors of the economy.

2014-2015.

Pilot project eviction, EC DG Employment.

This project studies the link between housing evictions and homelessness and is led by Padraic Kenna, at the School of Law, NUI Galway, Ireland. The project was awarded following a competitive tendering process by the European Commission.

Academic network(s)

EAAE (European Association for Architectural Education)

BauHow5 (TU Delft, UCL Bartlett, Chalmers University of Technology, TU München, ETH Zürich)








ESNE. ESCUELA UNIVERSITARIA DE DISEÑO, INNOVACIÓN Y TECNOLOGÍA

Grupo de Investigación en
Diseño Urbano
Spain, Madrid

ESNE is pioneer in adapting academic programs within the area of Design, Fashion and Technology to the Bologna Process, meeting, in this manner, the needs of a demanding market of highly qualified professionals. Accordingly, the top priority of ESNE is to pursue professional specialization in these different branches. In this respect, their academic programs have been developed conjointly with top companies to ensure that our academic offers closely fulfill the growing needs of the business world.

HUBS

-  Urban Regeneration
-  Urban Governance
-  Safer Cities
-  Urban Form
-  Urban Accessibility

UNDERGRADUATE programmes

- Diseño y Desarrollo de Videojuegos,
- Diseño de Producto,
- Diseño de Interiores,
- Diseño de Moda,
- Diseño Multimedia y Gráfico.

MASTER programmes

- Tecnologías Aplicadas y Negocios Digitales,
- Experiencia de Usuario para el Diseño de Productos y Servicios Digitales.

OTHER programmes

- Animaciones 3D, Juegos y Entornos Interactivos.
- Animación

BOOKS

Hernanz, J.L. (2013). *Chamartin: Aldea, Villa, Distrito*. Madrid: Ayuntamiento de Madrid, Junta de Distrito de Chamartín.

Academic network(s)

ARL

Research network(s)

European Network of Co-housing researchers



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ISTANBUL TECHNICAL UNIVERSITY

Department of Urban and Regional Planning
Turkey, Istanbul

Istanbul Technical University is one of the world's oldest technical universities with a history of 250 years. From 1773, ITU is a worldwide known benchmark for engineering and architecture education with its esteemed historical background, modern education facilities and high caliber academic body. ITU offers 39 graduate programs at 13 faculties, 39 postgraduate and doctoral programs at 6 institutes on five different campuses, all of them located in the heart of Istanbul.

ITU has more than 130 international partnership agreements and international networks such as European Association for International Education (EAIE), European University Association (EUA), International Association of Universities (IAU), Advanced Technology Higher Education Network (ATHENS), Black Sea University Network (BSUN), Community of Mediterranean Universities (CMU), and Top Industrial Managers for Europe (TIME). Some of ITU staff is also member of American, Russian, and European academies of sciences.

The Urban and Regional Planning Department was established in 1983. It accepts 80-90 undergraduate students among Turkish citizens. International students are also accepted through various bilateral agreements. The department is divided in two branches (30% English and 100% English), which allows international students to benefit from the whole curriculum. Throughout their education, students are trained on diverse fields of urban and regional planning, including, planning laws, urban design, strategic planning, zoning, urban sociology and planning theory. Practical studio courses and theoretical lectures are combined to create a diverse and multidisciplinary teaching and learning environment. The department is a member of the Association of European Schools of Planning (AESOP).

HUBS



Urban Governance

UNDERGRADUATE programmes

— Urban and Regional Planning

MASTER programmes

— Regional Planning
— Urban Planning

PHD programmes

— Urban and Regional Planning

PROJECTS

2016-2019

ESPON EGTC Project, Comparative Analysis of Territorial Governance and Spatial Planning Systems in Europe

2014-2017

SEISMIC- Societal Engagement in Science, Mutual learning in Cities (FP7-SCIENCE-IN-SOCIETY-2013-1).

2013-2017

POCACITO- POst-Carbon Cities of TOMorrow – Foresight for Sustainable Pathways Towards Liveable, Affordable and Prospering Cities in a World Context (FP7-SSH).

2013-2017

GLOCALFINEART - GLocal cOntemporary art market: the intrinsic and sociologicAl components of FINancial and artistic valuE of ARTtworks (FP7-PEOPLE).

2007-2011

CITYNET - Development of an Integrated Urban Management Tool (FP6-MOBILITY, MARIE CURIE RESEARCH TRAINING NETWORKS (RTN)).

2005-2010

SUS.DIV - "Sustainable Development in a Diverse World (FP6-CITIZENS- Network of Excellence).

2010-2012.

"The Attractiveness of European Cities and Regions and Cities for Residents and Visitors-ATTREG-" ESPON2013/1/7.

2006-2008

"Spatial Impacts of Multimodal Development in Gateway Areas: Italy-Greece-Turkey (SIM-CODE-IGT)", European Union Interreg IIIB Archimed Programme

BOOKS

Erkut, G. and Sezgin, E. (2014). Spatial and Strategic Planning in Turkey: Institutional Change and New Challenges' in Reimer M., Getimis, P.

and Blotevogel H. H. (Eds), pp. 236-254. *'Spatial Planning Systems and Practices in Europe A Comparative Perspective on Continuity and Changes'*, Routledge.

Gunay, Z. (2018). A Critical Appraisal on Turkey's Neoliberal Quest of Urban Renewal in Historic Urban Landscapes", In Kruhl J, Adhikari R, Dorka U (Eds.), pp. 129-141, *Living Under the Threat of Earthquakes. Springer Natural Hazards Series*, Springer International Publishing.

ARTICLES

Beyazit, E. (2016). Are wider economic impacts of transport infrastructures always beneficial? Impacts of the Istanbul Metro on the generation of spatio-economic inequalities, *Journal of Transport Geography*, 45 (1), pp. 12-23.

Erkut, G. (2008). EU Territorial Policy and the Planning Agenda in Turkey. *Town Planning Review*, 79(1).

Erkut, G. and Baypinar, M.B. (2009). Emerging Global Integration Zones in the EU and Turkey's Integration. *Studies in Regional Science*, 39 (1), 67-88.

Erkut, G. and Shirazi, M.R. (Eds.). (2014). *Dimensions of Urban Re-development: The Case of Beyoğlu, Istanbul*, Berlin: TU Berlin. ISBN 978-3-9812769-4-7.

Erkut, G. and Mitchell, S. (Eds.). (2007). *The Black Sea Region: Past, Present and Future*. Oxbow: British Institute of Archeology. ISBN 978-1-898249-21-4

Gezici, F. and Kerimoğlu, E. (2013). Culture, Tourism and Regeneration Process in Istanbul. *International Journal of Culture and Tourism Hospitality Research*, 4(3), pp. 252-265.

Günay, Z. and Dökmeci, V. (2012). Culture-led regeneration of İstanbul waterfront: Golden Horn Cultural Valley Project, *Cities*, 9 (24), pp. 213-222.

Kubat A. S., Eyuboglu E. and Ertekin O. (2007). A New Urban Planning Approach for the Regeneration of a Historical Area within İstanbul's Central Business District. *Journal of Urban Design*, 12(2), pp. 321-339.

Kundak, S. and Baypinar, M.B. (2011). The Crazy Project – Canal İstanbul, *TEMA (Territorio Mobilità e Ambiente) Journal*, 4(3), pp. 53-63.

Sezgin, E. (2017): New regionalism in Turkey: questioning the 'new' and the 'regional', *European Planning Studies*, DOI: 10.1080/09654313.2017.1403571

Türk Ş Ş and Korthals Altes WK. (2014). The applicability of inclusionary housing (IH) in Turkey. *Journal of Housing and the Built Environment*, 3(29), pp. 507-520.



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<https://twitter.com/itu1773>



KTH ROYAL INSTITUTE OF TECHNOLOGY STOCKHOLM

School of Architecture and the Built Environment
Sweden, Stockholm

The Royal Institute of Technology (founded 1877) is the largest technical university in Sweden, it begun already in 1827 under the name of Technical Institute. KTH is working with industry and society in the pursuit of sustainable solutions and challenges of climate change, future energy supply, and urbanization. KTH embraces academia and the public and private sectors working together. The KTH part of extensive international research collaborations and participate in a large number of educational exchange or joint programmes with universities and colleges in Europe, the U.S., Australia, Asia and Africa. Today the Institute has around four KTH campuses in Greater Stockholm, gather more than 12,000 full-time students, some 2,000 PhD students and approximately 3,700 full-time employees.

The School of Architecture and the Built Environment is focused on developing the society of the future; how cities are built, how buildings and infrastructure should be designed and built, how institutions and rules and regulations should be developed in order to foster both a good living environment and development potential for commercial businesses and industry. The School of Architecture and the Built Environment (ABE) is comprised of seven departments Architecture (Civil and Architectural Engineering, Philosophy and History, Real Estate and Construction Management, Sustainable development, Environmental science and Engineering (SEED), Urban Planning and Environment and Transport Science) and six centres for advanced research. The school has 2200 undergraduates and 300 graduate students.

HUBS



Urban Form

UNDERGRADUATE programmes

- Architectural education (focus on urban design in the third year);
- Civil Engineering and Urban Management (specialisation in Urban Planning year 3-5)

MASTER programmes

- Urbanism Studies;
- Sustainable Urban Planning & Design;
- Environmental Engineering and Sustainable Infrastructure
- Architecture: Studio 10 Global Connection

PHD programmes

- Planning and Decision Analysis

Research network(s)

Mexican Network of Urban Observatories

KTH Royal Institute of Technology Stockholm

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NATIONAL TECHNICAL UNIVERSITY OF ATHENS

School of Architecture
Greece, Athens

The NTUA is the most prestigious educational institution of Greece and has contributed unceasingly to the country's scientific, technical and economic development. The School of Architecture of NTUA consists of four departments with distinct areas of expertise, where a multitude of teaching and research staff, training/teaching staff with a specialization, technical laboratory staff as well as administrative employees work. These departments cover the subjects of architectural design, urban and regional planning, architectural language, communication and design and architectural technology.

The School of Architecture contains 28 research Laboratories. In particular the Laboratory of Spatial Planning and Urban Development (LSPUD), created in 1985, is one of the research laboratories of the Department of Urban and Regional Planning of the School of Architecture was connected with the Habitat UNI.

Research projects undertaken by LSPUD have been funded by a variety of sources, i.e. the European Commission, and Greek central government ministries among others.

The main fields covered by the laboratory's research activity have been the following:

- Planning and territorial governance in Europe
- Cross-border cooperation, planning and regional development
- Spatial development and manufacturing activity
- Small manufacturing firms and city centre development
- Culture and creativity
- Sustainable local development in urban areas
- Urban planning and urban area vulnerability
- Tourism
- Public land and mining activities
- Urban and regional planning and local government organization

Among major research projects carried out in LSPUD or with its participation since its formation, which deserve to be singled out, is MEDNETA and SUPREME projects.

HUBS

-  Informal Urbanism
-  Urban Governance
-  Urban Regeneration
-  Urban Form
-  Safer Cities

MASTER programmes

- Integrated Master in Architectural design
- Two Interdisciplinary Postgraduate Programmes: Architecture – Spatial Design and Protection of Monuments.

In collaboration with other Schools of the NTUA (Civil Engineering, Applied Mathematics and Physics, Surveying and Mechanical Engineering).



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PHD programmes

— Conducted by research

PROJECTS

2017-2018.

SUPREME PROJECT

SUPREME “Supporting Maritime Spatial Planning in the Eastern Mediterranean” programme is the most recent active project on progress, in which NTUA is a partner. Project implementation period is from January 2017 to December 2018 and it is co-funded by the EC – DG Maritime Affairs and Fisheries (DG MARE) Call for Proposal. SUPREME proposal involves competent authorities in charge of Maritime Spatial Planning (MSP), as designated by the Governments of 4 Member States (Croatia, Greece, Italy and Slovenia) of the Eastern Mediterranean Sea and the UNEP/MAP Barcelona Convention.

SUPREME will focus on two key objectives:

- Support the implementation of Maritime Spatial Planning in EU Member States within their marine waters in the Eastern Mediterranean,
- Launch and carry out concrete and cross-border MSP initiative between Member States in the Eastern Mediterranean.

Careful analysis and practical actions are foreseen on the:

- Land – sea interactions in order to identify potentials for economic growth, threats to the ecosystem, conflicts and/or synergies among human uses and the environment and trans-boundary aspects.
- Formation of planning guidelines for the protection of natural ecosystems and resources, for the sustainable development of human activities (ensuring prosperity and synergies and avoiding conflicts among users and the environment) and for adapting to climate change effects.

More info: <http://www.msp-supreme.eu/>

2014-2016.

MEDNETA PROJECT

A recent research project, under the responsibility of the laboratory Spatial Planning and Urban Development, was the research project “ENPI CBCMED_CROSS_BORDER COOPERATION IN THE MEDITERRANEAN: MEDNETA - Mediterranean cultural network to promote creativity in the arts, crafts and design for communities regeneration in historical

cities”. Project implementation period was from December 2014 to December 2016. The objective of MEDNETA project was to enhance cross-border cultural dialogue and cooperation among multiple stakeholders with the aim to support creativity in the Arts, Crafts and Design (ACDs) as a means for the regeneration of communities inhabiting the historical cities in the Mediterranean Basin (MB).

More info: <https://medneta.eu/>

Research network(s)

ACCCRN

NORWEGIAN UNIVERSITY OF SCIENCE AND TECHNOLOGY

Faculty of Architecture and Design
Norway, Trondheim

NTNU has the main responsibility for higher education in technology in Norway, and it is the country's premier institution for the education of engineers. The university offers several programmes of professional study and a broad academic curriculum in the natural sciences, social sciences, teacher education, humanities, medicine and health sciences, economics, finance and administration, as well as architecture and the arts.

HUBS



Informal Urbanism



Climate Change



Urban Governance

UNDERGRADUATE programmes

- Architecture (Integrated Master's programme);
- Fine Art;
- Industrial design (Integrated Master's programme)
- Traditional construction and Technical heritage preservation (Integrated Master's programme);
- Graphic Design;

Norwegian University of Science and Technology

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<https://twitter.com/NTNU>

- Web Development;
- Interaction design

MASTER programmes

- Architecture;
- Physical Planning;
- International Master in Urban Ecological Planning;
- International Master of Science programme in Sustainable Architecture;
- Real Estate and Facilities Management;
- Fine Art;
- International Master's programme in Industrial design

PHD programmes

- Architecture;
- Industrial Design;
- Program for artistic development

OTHER programmes

- Course in Webdesign (1 year, Norwegian, Gjøvik);
- Summer School on Contingency Planning (English, Trondheim, under development);
- Online courses on Contingency Planning (English, under development)

BOOKS

Wang, Y.; Skotte, H. (2016). Still at Risk after Reconstruction: How Does the Mode of Reconstruction Cause New Vulnerabilities when Rebuilding a Vernacular Cultural Heritage Settlement?. In: *Planning for Community-based Disaster Resilience Worldwide: Learning from Case Studies in Six Continents*. Adenrele, A. (Ed.) Abingdon: Routledge.



Aranya, R.; Ulset, V. (2016). Contested formality and incipient informality in Delhi's new suburban space: A case study in Savda Ghevra Resettlement Colony. In: *Space, Planning and Everyday Contestations in Delhi*. Chakravarty, S.; Negi, R. (Eds.) New York: Springer.

Aranya, R.; Vaidya, C. (2016). *Planning Education for a Smart Urban India. Urban and Regional Planning Education: Learning for India*. Urban and Regional Planning Education. Kumar, A.; Meshram, D.; Gowda, K. (Eds.) New York: Springer.

Smith, D. (2016). Petty trade and the private sector in urban reconstruction: learning from Haiti's post-earthquake Iron Market. In: *Urban Disaster Resilience: New Dimensions from International Practice in the Built Environment* (p. 157-171). Sanderson, D.

ARTICLES

Sliwa, M. (2017). Master plans and urban ecosystems: How the poor transform land-use from rigid into organic - A case from Colombia. *Habitat International*. vol. 66.

Gohari, S. (2017). Interactions of Actors' Interests and Power in The Governance System The Case of Co-location of University Campuses in Trondheim, Norway. *GSTF Journal of Engineering Technology (JET)*, 4.(2), 35-42.

Wellinger, S.; Skotte, H.; Archipovaite, E. (2016). Insights from NTNU Live Studio. aae2016 International Peer-reviewed Conference on 'Research Based Education' hosted by The Bartlett School of Architecture, *University College London, UCL, UK, 7-9 April 2*

Sliwa, M. and Wiig, H. (2016). Should I stay or should I go: The role of Colombian free urban housing projects in IDP return to the countryside. *Habitat International*. vol. 56.

PROJECTS

2017-2020

Smart Sustainable City Regions in India.

This project focuses on planning and sustainability issues in the context of the Smart City Mission proposed in the Government in India. Among other themes, we are looking at how the smart city interventions impact the most marginalized communities and informal settlements, with case studies in the cities of Pune and Delhi.

2017-2020

SUSTAIN – Comparing Urban Sustainability Initiatives in Norway and the USA

The focus of the project is on sustainability and urban development issues in the contexts of de-industrializing and industrializing countries (USA, Norway and India). The main themes include: food security, water management, environmental policy, urban infrastructure and land-use planning.

Ongoing

Live studio

"Live Studio" is a generic term for projects that are based on actual issues, and developed in real dialogue with external partners. The projects can be located in Norway or abroad. They may be building or planning projects. The projects are mainly initiated by students in collaboration with external partners, but they can also be part of NTNU's Master's studies in architecture and planning. It is an important goal that the projects and processes have societal significance.

The faculty and "NTNU Live Studio" received the Norwegian Ministry of Educations award for outstanding education 2015.

Academic network(s)

New York University

Research network(s)

Theatrum Mundi

Academic collaborations with Habitat UNI members

Makerere University (Uganda) - Joint fieldwork in Kampala and Jinja;

School of Planning and Architecture - SPA (India) - Student mobility (Master and PhD), joint fieldwork;

National Institute of Urban Affairs - NIUA (India) - Student mobility, joint field



QUEEN'S UNIVERSITY BELFAST








School of Natural and Built Environment
United Kingdom, Belfast

Founded in 1845 as Queen's College Belfast, one of three Queen's Colleges in Ireland, it became an independent university in 1908 and is the ninth oldest university in the UK. Today, Queen's is a member of the Russell Group, combining excellence in research and education with a student-centred ethos.

Queen's is ranked 8th in the UK for Research Intensity with over 75% of its research assessed as 'world-leading' or 'internationally excellent' in REF 2014. Named the 24th most international university in the world and ranked 9th in the world for research collaboration, Queen's is globally connected and networked with strategic partnerships across the world.

School of Natural and Built Environment, is the newest school in Queen's – bringing together their established disciplines of Architecture, Civil & Structural Engineering, Geography, Planning, Archaeology & Paleoecology – to study and research the challenges and opportunities in the natural and built environment. The school is built on rigorous inter-disciplinary teams, acute analysis, in-depth reasoning and creative thinking".

HUBS

-  Climate Change
-  Urban Governance
-  Urban Regeneration
-  Gender
-  Safer Cities
-  Urban Form
-  Urban Accessibility

UNDERGRADUATE programmes

- Spaces of Urbanisation in Emerging Economies and Sustainable Development
- Geographies of Economic Restructuring and Social Change
- Maps and Mapping: From the Stone Age to the Digital Age
- Geography at Work

- Environment Planning UG programme
- Planning Health and Well Being
- Planning Skills and GIS
- Design Principles in the Built Environment
- Contemporary Issues in Urban and Rural Planning
- Institutional and Policy Context of Planning Practice
- Theory and Practice of Spatial Planning Policy
- Conservation of the Built Environment
- Infrastructure and Transport Planning
- Researching European Planning
- Design in the Built Environment
- Property Development
- Design and Regeneration
- Local and Regional Development
- Spatial Literacy in Design
- Urban Design in Practice
- Designing for Sustainable communities
- GIS and Spatial Analysis
- Community Planning and Regeneration
- Planning Law and Practice
- Urban Futures

MASTER programmes

- Architecture & Planning
- Stage-4 Professional experience
- Project Management
- Construction and Project Management
- Professional Practice in Architecture
- Environmental Engineering
- Planning and Development
- Planning and Regeneration
- Urban and Rural Design
- Environment Planning

PHD programmes

5 disciplines- BSc. Geography accredited programme with the Royal Geographical Society; Civil Engineering; Planning (RICS, RTPI accredited) and Architecture (RIBA).

PhD projects and students are linked to each of the research clusters:

1. Culture and Society Research Cluster
2. Sustainable Built Environment Research Cluster
3. Environmental Change & Resilience Research Cluster

ARTICLES

C. Duffy, D. Padmanabhan, C. Long, A. Thorat and A. Dubey (2018). "Fast Identification of Interesting Spatial Regions with Application in Human Development Research", *Springer Journal Transactions of large Scale Data and Knowledge Centered Systems (TLDKS)* (under consideration).

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<https://www.qub.ac.uk/schools/NBE/Research/ResearchClusters/>

www.facebook.com/QUBelfast
[@QUBelfast](https://www.facebook.com/QUBNBE)
[@QUBNBE](https://www.facebook.com/QUBNBE)



Kumar, Mathummal Satish (2017). "From Decolonial to the Postcolonial: Trauma of an Unfinished Agenda", (2017). *The Calcutta Journal of Political Studies*, Vol.1: 75-79.

Daly, T., Regan, C. and Colm Regan, C. (2016). "Development-The Story of an Idea", in 80-20: Development in An Unequal World. (Eds.), Oxford: New Internationalist, pp.34-51.

PROJECTS

2017

"GCRF Department of Education, UK Award "Climate Change and Hidden Heritage: Lessons from Majuli" jointly with Indira Gandhi National Centre for Arts (IGNCA), Ministry of Culture, Government of India, October, 2017 to March, 2018 (£60,000).

2017

"Transforming Heritage- An International Workshop for Enhancing UK-South Asia Networks" in New Delhi, India co-hosted with South Asian University and Indira Gandhi National Centre for Arts (IGNCA). Department of Education, Northern Ireland, as PI. (£25,300). Launched the Transforming Heritage Consortium. Planning to access increased funding opportunities for the key partners of the consortium.

<https://www.qub.ac.uk/schools/NBE/news/TransformingHeritageWorkshopDelhiMarch2017.html>

2017

"SPAN-HDI: Spatial Analysis of Human Development in India", with Jawaharlal Nehru University, New Delhi, as Co-PI (with Dr. Deepak Padmanabhan) (£19,124)

2016-2017

British Academy Research project "Surveying Empires-Archaeologies of Colonial Cartography in West Bengal". Coordinated by Prof. Keith Lilley and Prof. B. Basak (University of Calcutta).

2016

Invited to participate in the AHRC Global Challenges Research Fund Town Meeting, Birmingham.

2016

Invited to participate in EU-India platform for Social Sciences & Humanities (EqUIP) Symposium Workshop with Indian Council for Social Science Research (New Delhi) and the Norway Research Council. The Gateway Resort, 13-14 October.

Academic network(s)

European Association for International Education Management Board of Counselling All Nations Services (CANS), Northern Ireland
 South Belfast Partnership Board

Research network(s)

Selection Committee for Queen's University Vice Chancellor's International Attainment Scholarship), 2018.

AHRC Peer Review College, for Academic, International Strategic 2017-2020.

Newton Global Challenge Fund Peer Review College.

Royal Irish Academy, Future Earth Ireland.

Higher Education Academy, UK.

Royal Commonwealth Society, UK, 2008-2012.

Royal Geographical Society, UK.



SAN PABLO CEU UNIVERSITY

Spain, Madrid

The University CEU San Pablo is part of the Fundación Universitaria San Pablo CEU.

The Foundation has more than 25 educational centers all over Spain: Schools, Professional Schools, Universities, Open University, Postgraduate Centers, Lifelong Learning University, Adults University, etc.

Offers more than 50 degrees (official degrees and proper degrees) in 2 University Campus, and has 5 Schools and 1 Institute of Technology: Economic Sciences, Law, Humanities and Communication, Architecture, Medicine and Pharmacy

The USPCEU has 80 well-equipped teaching and research laboratories, its own multi-media agency (CEU Media), a digital newspaper (OnCEU), a Language Center, an Employment Guidance and Information Center (COIE), and several 10 investigation centers.

The University registered : 10.727 students during 2016-2017

Nº of graduated students in 2015-2016: 2.276

400 international collaboration agreements for study and research and 6 specific programs with US Universities (Boston University, Columbia University, Fordham University, The University of Chicago).

Description of Habitability and Development Laboratory (HD_LAB)

HD_Lab is a multidisciplinary work team consisting of students and professors from CEU San Pablo University as well as voluntary collaborators. The main goal is to address issues concerning habitability in developing countries from a wide and multidisciplinary approach through 5 main working areas: Academic, sensitisation, fieldwork, research and collaborations.

HUBS



Informal Urbanism



Urban Governance



Urban Regeneration



Urban Form

UNDERGRADUATE programmes

Official degrees by area of knowledge:

- **Architecture:** Architecture; Interior Design;
- **Economics:** Economics; Finance and Economic studies;
- **Law:** Law; Political Sciences; International Relations

MASTER programmes

- Social Sciences;
- Law;
- Economics;
- Architecture and engineering;
- International and european studies

PHD programmes

- Science and Health Technology;
- Composition, History and Technique in Architecture and Urbanism Composition, History and Technology in Architecture and Urbanism;
- Social communication;
- Law and Economics;
- Humanities for the Contemporary World;



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<http://hdlabceu.wixsite.com/hdlabceu>
<https://www.facebook.com/UNIMAKinando/>
<https://twitter.com/USPCEU>

OTHER programmes

- Own title in Digital Fabrication for Architecture. <https://fablabmadridceu.com/master-in-digital-fabrication/>;
- Own Title in Energy Efficiency and Sustainability in Building University Extension Diploma; Advanced Architecture

BOOKS

Perea, L. (2015). *Towards a quantitative analysis of the informal city. An approach from Basic Habitability and experience in Makeni, Sierra Leone*. Madrid, Spain: PhD Thesis, Polytechnic University of Madrid, edited by author.

Perea, L.; Núñez, P. and Gesto, B. (2014). *Transversal Actions. III Conference on Architecture and Cooperation. Book of Abstracts*. Madrid, Spain: Edited by authors.

Perea, L. and Gesto, B. (2012). *Evaluating Basic Habitability. A Proposal for Cooperation Projects*. Madrid, Spain: Editorial Catarata.

ARTICLES

Perea, L. (2017). The redesign of the African city. The case of Makeni. Madrid, Spain: *Revista Mundo Negro*. Año 58. Número 626.

Perea, L.; García, N. and Salas, A. (2016). *Inter-University Cooperation as a basis for an Urban Planning experience in Makeni (Sierra Leone)*. A Coruña, Spain. Arcadia IV. Congress of Architecture and Cooperation. Communications Book: Editorial: *Escuela Técnica Superior de Arquitectura*. Universidade da Coruña. A Coruña, 2016

Perea, L.; García, N. and Salas, A. (2015). University cooperation for development in Makeni (Sierra Leone). Valencia, Spain. *Kultur: revista interdisciplinària sobre la cultura de la ciutat*. Volúmen Emancipació, autogestió i canvi. Editorial Universitat Jaume I.

PROJECTS

2013-2016

Strategic Plan for Makeni.

The interuniversity collaboration project, in the field of Habitability and Development, with the University of Makeni, Sierra Leone (selected by Habitat UNI in the call for experiences previous to Habitat III).

Link: <http://hdlabceu.wixsite.com/hdlabceu/strategic-plan-for-makeni>

2013-2017

Upgrading Neighbourhood Programme

Experience linking villagers, students, lecturers and professionals in three main tasks:

1. Mapping
2. Data collection
3. Survey for detecting priority interventions http://docs.wixstatic.com/ugd/f314e9_127c312e2eaf462e9f0b799d66391cc7.pdf

2016-2017

Urban Planning Certificate

First Course focused in Urban Planning in Sierra Leone. An on-line course to start soon thanks to the participation of close to 20 experts.

Academic network(s)

GPEAN, Association of the Canadian Urban Planning Programs, ACSP
University of Makeni, Sierra Leone

Research network(s)

Rebirth Inhabit in USPCEU. <http://rebirthinhabit-grp.com/>

Universidad Politecnica de Madrid, ICHaB Group in UPM (<http://www.cuhab-upm.es/#/ms-2/1>)

Lanscare (<https://www.lanscare.org/>)

Grupo de Cooperación Sistemas de Agua y Saneamiento para el Desarrollo de la ETSII (<https://sistemasdeaguaysaneamientoparaeldesarrollo.wordpress.com/>).

Research collaborations with Habitat UNI members

The experience called "Inter-university cooperation as a basis for an experience of urban planning in Makeni (Sierra Leone)", part of the Habitat UNI Action Plan for Universities.

<http://uni.unihabitat.org/input-to-sud-action-plan-san-pablo-ceu-university-inter-university-cooperation-as-a-basis-for-a-experience-of-urban-planning-in-makeni-sierra-leone/>



TECHNISCHE UNIVERSITÄT BERLIN (TU BERLIN)

Urban Management Program;
Habitat Unit - Chair of
International Urbanism and Design
Germany, Berlin

The Technische Universität Berlin is one of the largest universities of technology in Germany.

The Chair 'Habitat Unit' and the 'Urban Management (UM) Program' are part of the Faculty 'Planning, Building, Environment' and of the 'School of Architecture' at Technische Universität Berlin. They are globally networked research and teaching centers which develop new approaches, expertise and application-oriented tools relevant for global urbanisation and urban change processes. They are committed to an inclusive and rights based approach to urban policy, urban management as well as development-oriented and actor-driven planning.

The Habitat Unit is teaching for the Bachelor- und Master Courses in Architecture, Urban Design and Urban and Regional Planning. Moreover, the chair is involved in numerous research programs on topics such as: Translocal spaces, co-producing urban habitats, urban development conflicts, heritage from below, cities and migration, history and practice of development cooperation, innovative pedagogies in architecture and planning. It promotes an extended understanding of urban and architectural design, which integrates spatial, material and cultural sensitivities with new models of participation, co-production and urban governance.

The Urban Management program is a post-graduate, international training institute which offers an international Masters course in urban management. The issues addressed are related to the most pressing problems of urban development worldwide including environmental degradation, insecure land tenure for the urban poor, inadequate decision making and planning systems, poor housing and working conditions, inadequate infrastructure, water and air pollution, waste and deteriorating historic areas. The program aims to provide insights into workable, practice-oriented solutions for city management. Most of the participants of this course come from countries in Latin America, Asia and Africa.

HUBS

-  Informal Urbanism
-  Urban Governance
-  Urban Regeneration
-  Urban Form
-  Urban Accessibility

UNDERGRADUATE programmes

- Architecture,
- Urban and regional planning

MASTER programmes

- Urban Management (international, post-graduate),
- Architecture,
- Urban design,
- Urban and regional planning



Technische Universität Berlin (TU Berlin)

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<http://habitat-unit.de/>
<http://www.urbanmanagement.tu-berlin.de>

PHD programmes

The Habitat Unit supervises PhD-theses in the framework of research projects.

OTHER programmes

Summer schools in the framework of the 'Wits-TUB Urban Lab' cooperation between TU Berlin and University of Witwatersrand, Johannesburg; Public lecture series 'Urban talks';

Numerous summer schools, alumni seminars etc. organised by TU Berlin:

TU summer university:

<https://www.summer-university.tu-berlin.de/>

TU alumni program:

<https://www.alumni.tu-berlin.de/en/services-for-alumni/?H=0>

BOOKS

Misselwitz, P., Lee, R., Fenk, A.-K, Barbé, D. (eds) (2018). *Things don't really exist until you give them a name. Unpacking urban heritage*. Berlin: Mkuki na Nyota Publishers.

Bereskin, E., Haid, C. (eds) (2018). *Sustainable models of heritage conservation and revitalization. A proposal for the historic villages of Vuno and Qeparo, Albania*. Berlin: UM program.

Kienast-Duyar, U., Korf, N., Larsen, O. (2017). *Solid waste management in Kosovo. Assessment of a waste bank model in Dardania, Pristina*. Berlin: UM program.

ARTICLES

Alfiky, M., Born, L., Elmouelhi, H., Misselwitz, P., Salheen, M. (2017). *Who wins and who loses?* *Dialog* 122.

PROJECTS

2018-2022

Re-figuration of Spaces: Architecture of Asylum: Research project that researches the spatial knowledge and practices by Syrian refugees in Jordan and Germany.

2016-2020

Urban Lab Interdisciplinary Bilateral Postgraduate Studies Program: Exchange between University of Witwatersrand, Johannesburg and TU Berlin.

2016-2019

RealCity Lab: Practical orientation in architectural education.

2017

Sustainable Models of Heritage Conservation and Revitalisation: a Proposal for the Historic Villages of Vuno and Qeparo, Albania. Project of Urban management Masters course, in cooperation with German Agency for International Cooperation (GIZ).

2016

Solid Waste Management in Kosovo: Assessment of a Waste Bank Model in Dardania, Pristina, Kosovo. Project of Urban management Masters course, in cooperation with GIZ.

2015

Resilient Cities - Urban Disaster Risk Management in Serbia. Project of Urban management Masters course, in cooperation with GIZ.

Academic network(s)

German Academic Exchange Service (DAAD): Different funding lines of DAAD, e.g.: Development-Related Postgraduate Courses (EPOS)

Research network(s)

German Research Foundation (DFG)

Academic collaborations with Habitat UNI members

2018: WUF NETWORKING EVENT: SDG and New Urban Agenda - implementation on the African continent: Networking for new approaches to build capacities and reform tertiary education.



THE UNIVERSITY OF LINCOLN

School of Architecture & Built Environment
United Kingdom, Lincoln

The School of Architecture & Design provides a dynamic, multidisciplinary design environment founded on creativity, exploration and innovation. Students develop the skills and experience necessary to become successful practising designers and researchers. Students are encouraged to experiment, pushing the boundaries of design and architecture in practice and in research, to develop the knowledge and problem-solving skills needed to progress in their careers.

The School is home to industry-standard facilities, enabling students to work across a range of disciplines, including environmental design, exhibitions, graphic design, housing, interiors, landscape, planning, product design, sustainability and urban design. In addition, there are opportunities for students to work with external partners on live consultancies, applying their learning to real-world projects.

Our MSc in Construction Science and Management responds to the global challenges that built environments face: changes in climate, technology, urbanisation, population dynamics and governance. These challenges require innovative leadership from built environment professionals in order to adapt appropriately.

The Master of Architecture (Global Practice) recognises the global and interdisciplinary nature of design practice in the built environment. It is designed for professionals with ambitions to lead in global design practice. In teaching, learning and assessment, the emphasis is on interdisciplinary teamwork and project-based design in the built environment.

Summer Schools: with students attending from all over the world our summer schools offer a fantastic experience for students and staff to experience the best of the UK and University life. Our summer schools are fun, offering a wide range of cultural and social activities, informative field trips and a chance to meet new friends and some of the very best tutors and guest speakers in their field.

HUBS



Climate Change



Urban Form

UNDERGRADUATE programmes

- Architecture;
- Design Interior design

MASTER programmes

- Architecture Professional;
- March Global Practice
- Construction Science and Management

PHD programmes

- Conducted by individual research

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<https://www.facebook.com/universityoflincoln>

<https://twitter.com/unilincn>



BOOKS

Budin, H. and Byrd, H. (2013). Addiction by design: the spread of air-conditioning in New Zealand buildings. In: *Engaging values for a sustainable future*. Victoria University, Wellington, NZ.

Byrd, H. and Matthewman, S. (2013). Renewable energy in New Zealand: the reluctance for resilience. In: *Renewable energy governance: complexities and challenges*. Lecture Notes in Energy (57). Springer, pp. 137-153.

Hussain, N. H. M. and Byrd, H. (2013). Malaysia, urbanization and de-industrialization: will there be a reversal migration from city to kampong? In: *Advancing innovative knowledge towards a resilient future*. Victoria University, Wellington, Wellington, Ne

Byrd, H. (2012). *Energy climate buildings: an introduction to designing future-proof buildings in New Zealand and the tropical Pacific*. Transforming Cities, Auckland, New Zealand.

Ramli, M. and Byrd, H. (2012). *Towards a sustainable built environment in Malaysia*. Penerbit Universiti Sains Malaysia, Pulau Pinang, Malaysia.

ARTICLES

Mandal, Anindita and Byrd, Hugh (2017). Density, energy and metabolism of a proposed smart city. *Journal of Contemporary Urban Affairs*, 1 (2). pp. 57-68. ISSN 2475-6156

Byrd, Hugh (2016). The State of New Zealand Report for UN *Habitat III (Section 3.1, Addressing Climate Change)*. Technical Report. University of Auckland, Auckland.

Byrd, Hugh (2017). The Power of Suburbia. In Berger, A., Kotkin, J., & Balderas Guzmán, C.(eds) *Infinite Suburbia*. pp 608-623. New York. Princeton Architectural Press.

Byrd, H. and Rasheed, E.O. (2016). The productivity paradox in green buildings. *Sustainability*, 8 (4). pp. 347-12.

Matthewman, S. and Byrd, H. (2016). Energy and the city: thinking sociologically about electrical power. *Atlantis: Magazine for Urbanism & Landscape Architecture*, 26 (3). pp. 15-16.

Byrd, H. and Howard, P. (2016). Towards a zero energy building. *BRANZ Build*, 152 (Feb/Ma). pp. 83-84.

Byrd, H. and Matthewman, S. (2014). Exergy and the city: the technology and sociology of power (failure). *Journal of Urban Technology*, 21 (3). pp. 85-102.

Byrd, H. and Matthewman, S. (2014). Lights out: the dark future of electric power. *New Scientist* (2968).

PROJECTS

2011-2016

The Metabolism of Mumbai. A study of the flows of energy, water and wastes from the redevelopment of the City.

2011-2013

The Solar potential of Auckland, New Zealand. A study of the potential of disruptive technologies (PVs, EVs and smart grid) to alter urban form.

2011-2014

The potential of PVs in rural areas of Malaysia. A study of integrating renewable energy into off-grid villages in Malaysia.

Academic network(s)

Red de Estudios de la Forma Urbana

TU DORTMUND UNIVERSITY

Faculty of Spatial Planning
Germany, Dortmund

Since its founding in 1969 the School of Spatial Planning pursues an interdisciplinary approach covering all spatial levels. According to the number of students and the range of topics, the School of Spatial Planning at TU Dortmund University is one of the largest educational institutes of its kind in Europe. Students can study the German speaking degree courses, Bachelor of Spatial Planning (B.Sc.) and the Master of Spatial Planning (M.Sc.). In addition to the German course, an English speaking specialised Master programme Urban Transformation is offered. The English speaking Master programme Spatial Planning for Regions in Growing Economies (SPRING) is jointly offered by the School of Spatial Planning with an international network of universities in the Philipines, Ghana, Tanzania and Chile. Graduated students work in different disciplines such as urban development, property economics, transport planning or housing, as well as different spatial and governmental levels, such as the neighbourhood, district, city, region, state or the European level.

HUBS



Informal Urbanism



Urban Regeneration



Climate Change



Urban Governance

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<https://www.facebook.com/Raumplanung/>

UNDERGRADUATE programmes

— Spatial Planning (4 years)

MASTER programmes

— Spatial Planning (including the English programme Urban Transformation)
— Spatial Planning in Growing Economies

PHD programmes

— Spatial Planning and Regional Development

BOOKS

Davy, Ben; Sony Pellissery and Harvey Jacobs (2017). *Land policies in India. Promises, practices and challenges*. Springer Nature: Singapore.

Ben Davy (2012). *Land policy. Planning and the spatial consequences of property*. Farnham, Surrey & Burlington, Vermont: Ashgate Publishing. Paperback 2016, Oxford: Routledge.

S. Greiving, M. Ubaura, J. Tešliar (Hg.): *Spatial planning and resilience following disasters: International and comparative perspectives*. Bristol: Policy Press.

Heinelt, Hubert; Razin, Eran; Zimmermann, Karsten (2011). *Metropolitan Governance. Different paths in contrasting contexts: Germany and Israel*. Campus: Frankfurt am Main/Chicago University Press.

Kolocek, Michael (2017). *The Human Right to Housing in the Face of Land Policy and Social Cizizenship. A Global Discourse Analysis*. Basingstoke & New York: Palgrave Macmillan.



ARTICLES

Davy, Benjamin, Sony Pellissery (2013). The citizenship promise (un)fulfilled: The right to housing in informal settings. In: Benjamin Davy, Ulrike Davy & Lutz Leisering (guest editors). Exploring global social citizenship: Human rights perspectives. *International Journal of Social Welfare*, Volume 22, Supplement 1: 68–584.

Greiving, S. (2014). Multi risk and vulnerability assessment of Europe's regions. In: Birkmann, J. (Ed. 2014): *Measuring Vulnerability to Natural Hazards*. Second Edition. United Nations Press. Tokio, pp. 277-303.

Hossain, S., Scholz, W. and Baumgart, S., (2015). Translation of Urban Planning models: Planning principles, procedural elements and institutional settings, *Habitat International*, 48, 140-148.

Frank, S.; Weck, S. (2018). Being Good Parents or Being Good Citizens: Dilemmas and Contradictions of Urban Families in Middle-Class Enclaves and Mixed Neighbourhoods in Germany. In: *International Journal of Urban and Regional Research*, Jg. 4, H. 1, : 20–35.

Wolff, M.; Wiechmann, T. (2017). Urban growth and decline: Europe's shrinking cities in a comparative perspective 1990–2010. *European Urban and Regional Studies*.

Schmidt, Stephan; Fina, Stefan; Siedentop, Stefan (2017). How Effective are Regions in Determining Urban Spatial Patterns? Evidence from Germany. In: *Journal of Urban Affairs*, online first. doi:10.1080/07352166.2017.1360741.

Siedentop, Stefan; Fina, Stefan; Krehl, Angelika (2016). Greenbelts in Germany's regional plans - an effective growth management policy? In: *Landscape and Urban Planning*, Vol. 145, S. 71–82.

Scheiner, Joachim / Holz-Rau, Christian (2017). Women's complex daily lives: a gendered look at trip chaining and activity pattern entropy in Germany. In: *Transportation* 44(1), S. 117-138.

Reichert, A./ Holz-Rau, C. / Scheiner, J. (2016). GHG emissions in daily travel and long-distance travel in Germany - social and spatial correlates. In: *Transportation Research D* 49, S. 25-43.

Zimmermann, Karsten (2016). Sustainable cities and communities. Make cities inclusive, safe, resilient and sustainable, in: Carlos R. Fernández Liesa; Castor Díaz Barrado (Eds.) *International society and sustainable development goals*, 395-415.

Atkinson, Rob; Zimmermann, Karsten (2018). Area-based initiatives – a facilitator for participatory governance? in: Heinelt, Hubert; Münch, Sybille, (Hrsg.) *Handbook on Participatory Governance*, Edward Elgar: Cheltenham, 267-290.

Academic network(s)

AESOP: Association of European Schools of Planning,

EURA: European Urban Research Association

Academic collaborations with Habitat UNI members

2017

Invitation of Tobias Kettner (UN Habitat Brussels) for a speech.

2015

Invitation of Lilia Blades (UN Habitat Nairobi) for a speech.

2016

(March). Invitation of faculty member Prod. Karsten Zimmermann for plenum round table to the Prague Habitat III regional meeting Europe.

Since 2014:

EPFL Lausanne, Master Programme IGLUS.



UACEG

Architecture
Bulgaria, Sofia

The university was founded as a Higher Technical School in 1942 in 1945 it was transformed into a State Polytechnic. In 1953 Engineering-Construction Institute (ISI) was formed, which in 1963 was renamed to Higher Institute of engineering and construction, and in 1977 - the Higher Institute of Architecture and Construction (VIAS). On July 21, 1995 by decision of the National Assembly VIAS was transformed into University of Architecture, Civil Engineering and Geodesy (UACEG). The university has five faculties - Architecture, Civil engineering, Hydrotechnik, Surveying, Transport engineering and 33 departments are educated senior executives for the following majors: Architecture, Urbanizam, construction of buildings and facilities, road construction, water supply and sanitation, and Geodesy.

HUBS



Informal Urbanism

UACEG

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<https://www.facebook.com/UACEG>

THEMATIC AREAS

- ▶ Informal Urbanism (Focusing on the largest ethnic minority in Europe – The Romani People, which are predominantly in Bulgaria and Romania, and their socio-economic conditions are unacceptable for the 21st century), Sustainable urbanism, Preservation, New technologies.

UNDERGRADUATE programmes

— Urban Planning

MASTER programmes

— Architecture;
— Urban Planning;
— Contemporary Architectural Technology;
— Architecture Theory and Criticism

Academic network(s)

N-Aerus, IAPS, Trialog, , IAPS, Trialog, IFAU, RSA, UCL

Research network(s)

N-Aerus, International Council of Cultural Center, ADAPTations, KAB, World Urban Forum, UN Habitat, Vision for Sofia, Bulgaria Academy of Science, Sofia University.





UNIVERSIDAD DE MÁLAGA

Escuela Técnica Superior de Arquitectura
Spain, Málaga

The Higher Technical School of Architecture was founded in 2005 as part of the University of Málaga, a 44 years old public institution. The School develops higher education teaching (bachelor, master, doctoral studies) and scientific research. It claims its uniqueness from the innovative spirit in teaching and research, through continuous experimentation and social commitment with its territory. The School is an open project which offers the opportunity to share a common space of coexistence, training and enrichment to its whole community. The academical programs encourage collaborative and practical learning, thanks to the small number of students entering each year, and prepares future professionals for interdisciplinary, experimental and team work. Research and knowledge transfer seek to overcome the boundaries of discipline towards a more transdisciplinary knowledge in architecture, needed to meet the continuing challenges of society, in a rapidly changing world.

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<https://www.facebook.com/Escuela-de-Arquitectura-de-M%C3%A1laga-195446170501052/>
https://twitter.com/etsa_malaga_uma

HUBS

-  Informal Urbanism
-  Urban Accessibility
-  Urban Regeneration
-  Urban Form

UNDERGRADUATE programmes

— Architecture and building

MASTER programmes

— Master in Architecture (professional validation)
— Master in Architectural Design, Sustainability and New Technologies

PHD programmes

— Doctoral program in City, Territory and Sustainable Planning

Academic network(s)

Red de Académica para Estudios de la Ciudad

Academic collaborations with Habitat UNI members

European Urban Summer School Workshop. University of Tours, Laura Verdelli.





UNIVERSIDADE DA CORUÑA

UNIVERSIDADE DA CORUÑA

Escola Técnica Superior de Arquitectura
Spain, A Coruña

Universidade da Coruña (in short UDC) is a public institution whose primary objective is the generation, management and dissemination of culture and scientific, technological and professional knowledge through the development of research and teaching.

The University of A Coruña explicitly expresses its commitment to the study and the integral development of Galicia, its social, cultural and linguistic identity, and it will promote its full integration into the European Higher Education and the projection in Latin America.

The University exhibits a special interest on Portuguese speaking countries.

HUBS



Informal Urbanism

THEMATIC AREAS

- ▶ Basic habitability.

Universidade da Coruña
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<https://www.udc.es/etsa>
<https://www.facebook.com/DHabitat-301569703341139/?pnref=lhc>

UNDERGRADUATE programmes

— Architecture

MASTER programmes

— Architecture

PHD programmes

— Architectonic Design

OTHER programmes

Summer course on Inhabited processes. A regular course on Basic Habitability. Pop up courses and seminars on human rights and a broaden social issues.

BOOKS

Sandra Bestraten, S.; de Manuel, E.; Gesto, B.; Díaz, V.; Mendoza, C.; Neto, M.; Llop, J.M. (2015). *Experiencias académicas en torno a la función social de la arquitectura ¿Qué sucede en las escuelas de arquitectura?* Encuentro Académico Escola Técnica Superior de Arquitectura. Coruña: Universidade da Coruña.

Lizancos, P. and Otero, D. (2014). *Inhabited processes Architectures where the other 90% lives*. Procesos habitados Las arquitecturas en las que vive el otro 90%. Procesos habitados As arquitecturas nas que vive o outro 90%. A Coruña: Universidade da Coruña.



ARTICLES

Lizancos, P. (2016). Architects first hand. An experience in Mozambique. *Boletín Académico. Revista de investigación y arquitectura contemporánea, Escuela Técnica Superior de Arquitectura*, Número 6, Páginas 125-143.

Lizancos, P. (2014). Interview with José Pereira Forjaz, *Journal of Architectural Education*, 68(2):217-222.

Lizancos, P. (2017). La casa autogestionada. Análisis de la estrategia del emigrado gallego para proveerse de hogar. *Revista Internacional de Estudios Migratorios*, ISSN: 2173-1950, 2017, Vol. 7(2), pp. 339-369.

PROJECTS

2015-2018.

Kaya Clinica. A Service learning action to empower universities on botoom-up shelter. A pilot experience in Maputo, Mozambique. <https://www.facebook.com/kayaclinica/>

2013-2015.

Projeto de Cadastro inclusivo en Mozambique. An experience to implement an inclusive cadasdre in three mid-size mozambiquean cities: Maxixe, Inhambane and Manhiça.

2000-.

A casa labrega contemporánea A research on the galician informal sheltering process.

2012-2015.

PROXECTO dHABITAT. An education for development experience to fuuel social dimensions of architecture on A Coruña Architecture School. <https://www.udc.es/dhabitat/>

Academic network(s)

Placido Lizancos collaborates with the University Office for Volunteering and Coopeation <https://www.udc.es/ocv/index.html?language=en>

OCV is a university service that channels solidarity and participation demands aimed at local and global good by the university community and citizens, in the UDC's area of influence.

He works in cooperation with other UDC researchers -Alberto Varela, Santiago López and vanessa Miguez on social and engeniring issues of habitat. Lizancos is also part of the Grupo de Estudio Territoriais <https://www.udc.es/get/> an UDC rooted network of researcherss on habitat sociology.



UNIVERSITAT ROVIRA I VIRGILI

UNESCO Housing Chair
Spain, Tarragona

In 2013 the University Rovira i Virgili (Tarragona, Spain, ranked 4th most productive in Spain and 83rd best University under 50 years of age and among the 500 best universities according to Times Higher Education 2016) decided to establish the first international and interdisciplinary Institute devoted to housing studies, research, lecturing and transfer of knowledge in Spain, called "Housing Chair". In 2016, UNESCO acknowledged it as the first and single UNESCO Chair in the world related to the right to housing. It gathers together researchers that have been dealing with housing during the last 20 years. Since July 2013, the Chair members have published 117 research works in 9 countries and have delivered 212 speeches in 26 more. The Chair has been also invited to draft five pieces of legislation for the Spanish and the Catalan Governments on affordable housing, housing tenures and mortgage consumers' protection, while has been a team member with co-ordination and research duties of 4 EU-funded projects (EU Parliament and EU Commission). One of them related to housing tenancies in Europe, the second one about evictions and homelessness in Europe, the third one on barriers to acquire housing cross-border within the EU and the fourth one on collaborative economy. It has organized 19 workshops for housing professionals and policymakers between 2015 and 2017. In addition, the Chair is currently working at eight national-funded research projects and has successfully finished other ten. The UNESCO Housing Chair has the explicit support of ten private and public housing stakeholders. It runs two postgraduate courses on mediation and on real estate conveyancing since 2012, in which 400 students have enrolled.

HUBS



Informal Urbanism



Urban Accessibility



Urban Regeneration

MASTER programmes

- Mediation (especially focused on housing matters);
- Master Course on Real Estate Conveyancing

PHD programmes

- Law (speciality on Housing Law)

BOOKS

Nasarre Aznar, S. (dir.) (2017). *La propiedad compartida y la propiedad temporal* (Ley 19/2015). Aspectos legales y económicos. Valencia: Tirant lo Blanc.

Nasarre Aznar, S. (dir.) (2015). *Bienes en común*. Valencia: Tirant lo Blanch.

Nasarre Aznar, S. (dir.) (2011). *El acceso a la vivienda en un contexto de crisis*. Madrid: Edisofer.

Nasarre Aznar, S. (2004). *Securitisation and mortgage bonds. Legal aspects and harmonisation in Europe*. UK: Saffron Walden, Gostick Hall.



Universitat Rovira i Virgili

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<http://www.housing.urv.cat/en/>

<https://www.facebook.com/housingchairurv/>

<https://twitter.com/housingchairurv/>

<https://www.linkedin.com/company/càtedra-d'habitatge-de-la-urv>

https://www.youtube.com/channel/UCFT-Llq7QTTKJszbxH14prA?view_as=subscriber

ARTICLES

Nasarre, S. and Molina, E. (2017) A legal perspective of the current challenges of the Spanish residential rental market, in *International Journal of Law in the Built Environment*, Vol. 9, Iss. 2, pp. 108-122.

Simón, H., Lambea, N., García, R.M., (2017). Shared ownership and temporal ownership in Catalan law, *International Journal of Law in the Built Environment*, Vol. 9 Issue: 1, pp.63-78.

Lambea, N. (2016). A policy approach to the impact of tourist dwellings in condominiums and neighbourhoods in Barcelona, *Urban Research & Practice*.

Nasarre, S. (2016). New trends in condominium law and access to housing in post-crisis Spain, en *Private Communities and Urban Governance*, Prof. Amnon Lehavi (coord.). USA: Springer.

Nasarre, S. (2015). *Robinhoodian courts' decisions on mortgage law in Spain*, *International Journal of Law in the Built Environment*, Vol. 7 Iss 2, 2015, pp. 127 - 147.

García, RM., Lambea, N. and Molina, E. (2015). The new intermediate tenures in Catalonia to facilitate access to housing, *Revue de Droit Bancaire et Financière*, Lexis Nexis. no. 2.

PROJECTS

2012-2015

Tenancy law and housing policy in multi-level Europe(TENLAW).

Collaborative Project, EU Commission 7th Framework Programme. Main researcher: Prof. Dr. Christoph Schmid (Universität Bremen, ZERP).

Link: <http://www.tenlaw.uni-bremen.de>

2014-2016

Pilot project - Promoting protection of the right to housing - Homelessness prevention in the context of evictions. European Commission-Directorate-General for Employment, Social Affairs and Inclusion, Publications Office of the European Union; P. Kenna, V. Busch Gertseema, L. Benjaminssen, SNasarre.

This study focuses on the protection of the right to housing in EU countries and in particular on evictions from primary residences. It provides an overview and analysis of available data and trends regarding housing evictions, and establishes the reasons for and impacts of eviction.

Final report available at: <http://ec.europa.eu/social/main.jsp?catId=738&langId=en&pubId=7892&-type=2&furtherPubs=yes>

2016

Cross Border Acquisitions of Residential Property in the EU: Problems Encountered by Citizens.

DG for Internal Policies, Citizens' Rights and Constitutional Affairs, European Parliament ; P. Sparkes, C. Schmid, S.Nasarre et al.

Final report available at: [http://www.europarl.europa.eu/RegData/etudes/STUD/2016/556936/IPOL_STU\(2016\)556936_EN.pdf](http://www.europarl.europa.eu/RegData/etudes/STUD/2016/556936/IPOL_STU(2016)556936_EN.pdf)

2017-2020

"From sharing to caring: examining socio-technical aspects of the collaborative economy" (Sharin-gandCaring), COST Action, CA16121



UNIVERSITY OF AZORES

Centre for Applied Economics of the Atlantic Portugal, Angra do Heroísmo

The University of Azores has three campus. One in the Island of São Miguel with 2200 Students and 200 lecturers specialised in humanities, sciences and economics; another one in Terceira Island with 800 students and 60 lecturers and researchers in the fields of agriculture, environment and health, and a third one in the Island of Faial with 60 researchers specialized in marine sciences. In the Campus of Angra there is a Master on Nature Conservation and Management and a PhD on Interdisciplinary Landscape Management that responds to issues related to urban and regional sustainable development.

HUBS

Urban Regeneration, Safer Cities, Urban Accessibility, Gender

UNDERGRADUATE programmes

- Agriculture;
- Natural Patrimony

MASTER programmes

- Agriculture;
- Water Engineering and Management
- Nature Management and Conservation

PHD programmes

- Agriculture;
- Interdisciplinary Landscape Management

University of Azores
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<http://www.ggcn.uac.pt/>
<https://www.facebook.com/gdrs1>

OTHER programmes

— Sustainable Regional Development

ARTICLES

Beaumont, N.J., Austen, M.C., Atkins, J.P., Burdon, D., Degraer, S., Dentinho T.P. et al. (2007). Identification, definition and quantification of goods and services provided by marine biodiversity: implications for the ecosystem approach. *Marine Pollution Bulletin*, 54(3):253-65.

Ressurreição, A., Gibbons, J., Dentinho, T.P., Kaiser, M., Santos, R.S. et al. (2011). Economic valuation of species loss in the open sea. *Ecological Economics*, 70 (4), 729-739.

Ressurreição, A., Gibbons, J., Kaiser, M., Dentinho, T.P., Zarzycki, T., Bentley, C. (2012). Different cultures, different values: The role of cultural variation in public's WTP for marine species conservation. *Biological Conservation*, 145 (1), 148-159.

Dentinho, T. (2002). Modelos gravitacionais. *Compêndio de Economia Regional*, 767-791.

Ressurreição, A., Zarzycki, T., Kaiser, M., Edwards-Jones, G., Dentinho, T.P. (2012). Towards an ecosystem approach for understanding public values concerning marine biodiversity loss. *Marine Ecology Progress Serie*, 467, 15-28.

Academic network(s)

University of Chulalongkorn, Thailand

Research network(s)

Universiti Syiah Kuala, Aceh, Indonesia












UNIVERSITY OF BELGRADE

Faculty of Architecture, Department of Urbanism
Serbia, Belgrade

The University of Belgrade is a state university. Its main activities in the fields of higher education and scientific research are activities of public interest, and they are carried out in accordance with the legal regulations. The University of Belgrade – Faculty of Architecture offers comprehensive education in architecture and urban studies, promoting sharing of knowledge and development of skills required for practicing architecture within interdisciplinary environment. All study programmes are aligned with the principles and standards of the Bologna Declaration, and accredited by the Commission for Accreditation and Quality Assurance of the National Council for Higher Education, while two study programmes are validated RIBA course status.

HUBS

-  Informal Urbanism
-  Urban Accessibility
-  Gender
-  Urban Governance
-  Urban Regeneration
-  Urban Form
-  Safer Cities

UNDERGRADUATE programmes

— Architecture

MASTER programmes

- Architecture
- Integral urbanism
- Interior architecture

PHD programmes

— Architecture

BOOKS

Biga, D., Čolić, R., Milić, Đ., Mueller, H., Radosavljević, Z., Stošić, M., Trkulja, S. (2017). *National Land Use Code*, Ministry of Construction, Traffic and Infrastructure, supported by Deutsche Gesellschaft für Internationale Zusammenarbeit (GIZ) GmbH

on behalf of the German Federal Ministry for Economic Cooperation and Development (BMZ), Colorgrafx, Belgrade, September, 2017.

Stupar, A. (2016). *The City - Forms and Processes*. Belgrade: Orion Art.

Stupar, A., AntoniĆ, G. (2016). Cold War Displacements: Belgrade Memories from a Non-Aligned Realm, In: Pizzi, K. and Hietala, M. (eds.) *Cold War Cities*, Cultural Memories Vol.4. Peter Lang. pp. 97-126.

Orlovic Lovren, V., Maruna, M., Crncevic, T. (2016). Contributing towards more sustainable cities – learning through collaboration. In Leal-Filho, W., Brandli, L. (Eds.) *Engaging Stakeholders in Education for Sustainable Development at University Level*. World Sustainable Series, Springer, 33-44.

University of Belgrade

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<https://www.facebook.com/facultyofarchitecture.belgrade/>



Mueller, H., Wehrmann, B., Čolić, R., Fürst, A., Begović, B., Jochheim-Wirtz, C., Božić, B., Ferenčak, M., Zeković, S. (2015). *Strengthening of Local Land Management in Serbia. Results of 6 Years of German-Serbian Cooperation*. Module 1: Urban Land Management. AMBERO Consulting Representative Office Belgrade, Deutsche Gesellschaft für Internationale Zusammenarbeit (GIZ) GmbH, Colorgrafx, Belgrade. December 2015

Maruna, M., Čolić, R. (Eds.) (2015). *Innovative methodological approach to master thesis*. Belgrade, University of Belgrade, Faculty of Architecture.

Čolić, R., Mojović, Đ., Petković, M., Čolić, N. (2013). *Guide for Participation in Urban Development Planning*. Belgrade: GIZ/AMBERO-ICON.

Stupar, A. (2009). *The City of Globalization - Challenges, Transformations, Symbols*. Belgrade: Faculty of Architecture, Orion Art.

Ramirez, L., Mojović, Dj., Galassi, B., Čolić, R. i Vuksanović, Z. (Eds.) (2008). *SIRP Book*, UN-HABITAT SIRP Belgrade.

ARTICLES

Maruna, M., Milovanović Rodić, D., Čolić, R. (2018). Remodelling Urban Planning Education for Sustainable Development: The case of Serbia. *International Journal of Sustainability in Higher Education*, DOI 10.1108/IJSHE-07-2017-0102

Dogan, E., Stupar, A., (2017). The Limits of Growth: A Case Study of Three Mega Projects in Istanbul. *Cities* 60 (A):. 21–288.

Simić, I., Stupar, A., Djokić, V. (2017). Building the Green Infrastructure of Belgrade: The Importance of Community Greening, *Sustainability*, 2017, 9(7), 1183.

Djukic, A., Vukmirovic, M., Stankovic. (2016). Principles of climate sensitive urban design analysis in identification of suitable urban design proposals. Case study: Central zone of Leskovac competition, *Energy and Buildings*, Vol 115, march, pp: 23-35.

Ciric, V., Colic, R., Maruna, M., Simic, I., Stefanovic, L., Tadi, M., Zadeh, M. (2016). Urban Morphology, Environmental Performances & Energy Use: A Holistic Transformation Approach Approach to Block 39 in Belgrade (Serbia) Via IMM. *International Journal of Research in Engineering and Science (IJRES)*, 4 (11), (pp. 80-86).

PROJECTS

2016-2018.

Research and Development, “Learning Economies. Modelling Community-Led Local Development for the Sustainable Economic Trajectories for the Negotin and Zlatibor Regions”

2016-2018.

EmBuild, EU multilateral, H2020 EE-07-2015 CSA project

2016-2021.

Mobility of Students/teaching staff, Erasmus+ KA1 project with Sopotcka Szkola, University of Applied Arts, Poland

2016-2018.

Of Students/teaching staff, Erasmus+ KA1 project with Gdansk University of Technology, Poland

- **2016-2017** International student and staff mobility, Erasmus+ KA1 project with University of Stuttgart, Germany
- **2016-2017** International student and staff mobility, Erasmus+ KA1 project with University of Sapienza, Italy
- **2016-2018**, Solar Decathlon Middle East 2018 (Dubai), International project
- **2016-2018**, DANUrB, Danube Transnational Programme – INTERREG, with Budapest University of Technology and Economics, Hungary

Academic network(s)

AESOP

Research network(s)

European Architectural History Network (EAHN)

Academic collaborations with Habitat UNI members

In 2013. AF students were awarded with I, II and III award on the international students competition ‘Urban Revitalization of Mass Housing’, organized by UN HABITAT, under supervision of Prof. K.Lalovic, as.A.Perić, V.Sretović Brković.

2005-2008. Faculty members participated in implementation of UN-HABITAT SIRP (Settlement and Refugees Programme) in Serbia.

UNIVERSITY OF DEUSTO


Deusto Cities Lab Chair
Bilbao & Donostia-San Sebastián,
Basque Country, Spain

Deusto Cities Lab Chair is a transdisciplinary, trans-sectoral team of professionals focused on the present and the future of cities and regions.

It is an urban ecosystem of transformative innovation that undertakes good experiences about transversal –ecological, social, economic and cultural- and transectoral – public, private, non-profit and citizen- governance models

It promotes joint initiatives with institutions, companies, social organisations and citizens related to search challenges, alternatives and solutions to cities and regions' needs.

HUBS

- | | |
|--|---|
|  Informal Urbanism |  Urban Accessibility |
|  Climate Change |  Urban Governance |
|  Urban Regeneration |  Gender |
|  Safer Cities |  Urban Form |

UNDERGRADUATE programmes

- BA in Philosophy, Politics and Economy
- BA in Tourism

MASTER programmes

- MA in Leisure Management

PHD programmes

- Leisure, Culture and Communication for Human Development

OTHER programmes

- Basque Cities Experience Tour Programme (Bilbao, Donostia-San Sebastián & Vitoria-Gasteiz);
- Bilbao City Experience Tour Programme

BOOKS

Milica, M., Madariaga, A. and San Salvador del Valle, R. (2018). *Creative Cities. Mapping creativity driven cities*. Bilbao: University of Deusto (publishing).

Avila, J.L. (2018). *Ciudadanía urbana, desarrollo sostenible y derecho a la ciudad*. Valencia: Tirant lo Blanch, 307 págs. ISBN 978-84-91901-20-4

Muriel, D. y San Salvador del Valle, R. (eds.) (2017). *Tecnología digital y nuevas formas de ocio*. Bilbao: Universidad de Deusto, 224 págs. ISBN: 978-84-16982-41-7

Monteagudo, M^a J., Cuenca, Jaime y San Salvador del Valle, R. (2014). *Aportaciones del ocio al envejecimiento satisfactorio*. Bilbao: Universidad de Deusto, 191 págs. ISBN 978-84-15759-42-3

University of Deusto

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[@deustoCitiesLab](https://twitter.com/deustoCitiesLab)



ARTICLES

San Salvador del Valle, R, Miranda, G. de y Matovic, M. (2018). "Ciudades en la Unión Europea. Proceso de integración, política de cohesión y gobernanza futura". *Revista Cuadernos de Estudios Europeos*, 58/18, 99-130, DOI: 10.18543/ced-58-2018pp99-129

Makua, A., Cuenca, M. y San Salvador del Valle, R. (2017). "Relación entre las prácticas de ocio significativas de la juventud y el emprendimiento social. El caso Think Big Jóvenes". *Revista OBETS*. 12:1, pp. 151-176. ISSN: 2529-9727

Cuenca Amigo, M. y San Salvador del Valle, R. (2016). "La importancia del ocio como base para un envejecimiento activo y satisfactorio". *Revista de Psicología del Deporte*. 2016, 25:2, pp. 79-84. *Journal of Sport Psychology*, 2016. Vol. 25, Suppl 2, pp. 79-84. ISSN: 1132-239X. ISSN: 1988-5636

San Salvador del Valle, R.; Ortega, C & Cuenca, M. (2014). "Leisure, making innovation a tradition – the role of leisure in a city's transformation: the case of Bilbao". *World Leisure Journal*, 56:1, 6-26, DOI: 10.1080/04419057.2013.876590

San Salvador del Valle, R. & Calvo Soraluze, J. (2013). "Tourism Policy Makers and Managers as Generators of Meaningful Leisure Experiences Knowledge, Skills and Values Needed by the New Professionals". *Journal of Tourism Research and Hospitality*, 2:3 doi 10.4172/2324-8807.1000126

PROJECTS

2018. Smart Cities: trends and opportunities (Elecnor).

2018. Basque Cities 4.0 (Basque Government).

2018. Agenda Vasca Urbana (Gobierno Vasco).

2018-2019. Ciudades educadoras y valores (Ayuntamiento de Bilbao y RECE-Red Estatal de Ciudades Educadoras).

2018-2019. Future Cities (BBVA, BBK, Iberdrola, Ferrovial, Ikusi, Elecnor, Gobierno Vasco, Diputación Foral de Gipuzkoa, Ayuntamiento de Bilbao y Ayuntamiento de Vitoria-Gasteiz).

2017-2018. Gasteiz, ecosistema urbano de innovación transformadora para la empleabilidad y el emprendimiento (Ayuntamiento de Vitoria-Gasteiz).

2017-2018. e- Age Friendly Cities (Ikusi).

2017-2018. CitiesLan. Municipality of Sestao (BBK).

2017-2018. Energía ciudadana (Iberdrola).

2017-2018. Cities People & Data (BBVA).

2017-2018. Zorrotzaurre-Bilbao, ecosistema de innovación urbana (NER GROUP).

2017-2018. Eraztun Lab. Artxanda, la Ría y Anillo Verde de Bilbao (Bilbao Ekintza).

2017-2018. El municipio como ecosistema de innovación transformadora (Innobasque).

2016-2017. Global Cities Rankings Map (BBVA, BBK, Iberdrola, Ferrovial, Ikusi, NER Group, Elecnor, Gobierno Vasco, Diputación Foral de Gipuzkoa, Ayuntamiento de Bilbao, Ayuntamiento de Vitoria-Gasteiz y EUDEL).

2016-2018. 360° Creative Cities Concept (BBVA, BBK, Iberdrola, Ferrovial, Ikusi, NER Group, Elecnor, Gobierno Vasco, Diputación Foral de Gipuzkoa, Ayuntamiento de Bilbao, Ayuntamiento de Vitoria-Gasteiz y EUDEL).

2016-2018. Euskal Hiria-Basque Cities-Bilbao Case Study. An Storytelling (BBVA, BBK, Iberdrola, Ferrovial, Ikusi, NER Group, Elecnor, Gobierno Vasco, Ayuntamiento de Bilbao y EUDEL).

2016-2018. 360° Cities Data Hubs Map (BBVA, BBK, Iberdrola, Ferrovial, Ikusi, NER Group, Elecnor, Gobierno Vasco, Diputación Foral de Gipuzkoa, Ayuntamiento de Bilbao, Ayuntamiento de Vitoria-Gasteiz y EUDEL).

2016-2018. BilbaoLab. Casco Viejo (Ayuntamiento de Bilbao).

2016-2018. GipuzkoaLab (Diputación Foral de Gipuzkoa).

2016-2017. Euskal Hiria Lab. 360° DOT (Gobierno Vasco).

2016-2017. Human Cities (BBVA, BBK, Iberdrola, Ferrovial, Ikusi, NER Group, Elecnor, Gobierno Vasco, Diputación Foral de Gipuzkoa y Ayuntamiento de Bilbao).

2016-2018. Bilbao Balioen Hiria. Ciudad de Valores (Ayuntamiento de Bilbao).

2016-2017. Servicios Cohesivos Urbanos (Ferrovial).

Academic network(s)

Aristos Campus Mundus

Research network(s)

ATLAS (Association for Tourism and Leisure Education and Research);

LASA (Latin American Studies Association)

UNIVERSITY OF LEUVEN (KULEUVEN)

Department of Architecture
Belgium, Leuven

The Department of Architecture is responsible for the research regarding architecture, interior architecture, urbanism and planning that is carried out in both the Faculty of Engineering Science (campus Leuven) and the Faculty of Architecture (campus Brussels and Ghent). Its ambition is to be internationally at the forefront in the research in these domains. This research pertains to the built environment seen as an artifact that is designed (hence the importance of creativity and aesthetics) but that is at the same time conditioned by historical, cultural, social, political, physical, economic and technological factors. Sustainability, social innovation and an understanding of built space as supporting multiplicity are central elements in its approach. The Department is in charge of organizing the curricula diploma programmes of Architectural Engineering, of three Post graduate Master programmes, of Ph.D. programmes, and of specialized professional shorter courses.

HUBS



Informal Urbanism



Gender



Urban Accessibility



Urban Form

THEMATIC AREAS

- ▶ Sustainable Architecture and Urban Design
- ▶ Urban Conservation Regeneration and Renewal
- ▶ Landscape Urbanism

UNDERGRADUATE programmes

- Architectural Engineering (3 years Bachelor + 2 years Master)

MASTER programmes

- Human Settlements;
- Urbanism and Strategic Planning;
- Conservation of Historic sites and landscapes

PHD programmes:

- With research domains among others:
- Constructing Architecture & Materialisation
- Culture, Criticism & Narrative
- Design-Driven Research
- Design Practices & Emerging Technologies

- Urbanity, Territories & Engagement
- Human Settlements;
- Urbanism and Strategic Planning;
- History and Conservation of Historic sites and landscapes

OTHER programmes

- Several Workshops linked to research programmes and to Master programmes

Academic network(s)

Erasmus, Erasmus mundus, Tempus EAAE
ISOCARP, AESOP
Association of African Planning Schools

Research network(s)

N-AERUS
African Urban Research Initiative (AURI)

KU Leuven

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<https://twitter.com/sintlucasarchi>





UNIVERSITY OF WARWICK

United Kingdom, Coventry

Warwick is a leading university, somewhere forward-looking and ambitious, where the starting point is always 'anything is possible'. The university consistently performs strongly in the UK league tables and it is as respected for boundary-breaking research as for teaching and business collaborations. Its pursuit of excellence and intellectual curiosity is tireless. The university strives to lead rather than follow and is renowned for our entrepreneurialism and cosmopolitan outlook.

Warwick's Global Research Priorities programme addresses some of the most challenging problems facing the world today, providing a platform for multidisciplinary research in eleven key areas of international significance, from food to sustainable cities, energy to innovative manufacturing.

HUBS



Informal Urbanism



Safer Cities



Climate Change



Urban Governance



Urban Regeneration



Urban Form

The University of Warwick
Coventry, CV4 7AL, UK
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Contact:
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Programme Administrator
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<https://www2.warwick.ac.uk/research/priorities/sustainablecities/>
<https://www.facebook.com/warwickuniversity>
<https://twitter.com/CitiesGRPUoW>

UNDERGRADUATE programmes

— BAsc Global Sustainable Development

MASTER programmes

— Communications and Information Engineering;
— Data Analytics;
— Urban Informatics and Analytics.

PHD programmes

— EPSRC Centre for Doctoral Training (CDT) in Urban Science (conducted by multi-institutional collaboration on an international level)

OTHER programmes

— Sustainable Cities Global Research Priority (<http://www2.warwick.ac.uk/research/priorities/sustainablecities/about/whycities/>);
— Warwick Institute for the Science of Cities (<http://www.wisc.warwick.ac.uk/about/>);
— Resilient Cities Lab (<https://www2.warwick.ac.uk/fac/soc/rcl/>)
— Institute for Global Sustainable Development

BOOKS

Chandler, D. and Coaffee, J. (Editors) (2017). *The Routledge Handbook of International Resilience*. London: Routledge.

Coaffee, J. and Lee, P. (2016). *Urban Resilience*. London: Palgrave.

Whybrow, N. (2014). *Performing Cities*. Palgrave Macmillan.



Kuzemko, C.; Goldthau, A.; Keating, M. (2015). *The Global Energy Challenge: Environment, Development and Security*, Palgrave.

PROJECTS

2013-2016

HARMONISE (A Holistic Approach to Resilience and Systematic Actions to Make Large Scale Urban Built Infrastructure Secure)

The aim of the project is to develop a comprehensive, multi-faceted, yet mutually-reinforcing concept for the enhanced security, resilience and sustainability of large scale urban built infrastructure and development. www.harmonise.eu

2015 - 2018

RESILENS (Realising European ReSilience for Critical INfraStructure).

Moving resilience from a conceptual understanding to applied, operational measures for critical infrastructure so that it is capable of withstanding, adapting and recovering from adverse events, that integrate best practice from the related realm of risk management is the focus of the RESILENS project.

2017 - 2020

Sensing the City: an Embodied Documentation and Mapping of the Changing Uses and Tempers of Urban Place (a practice-based case-study of Coventry).

Scheduled to take place over a period of three years this practice-based research project will undertake a series of site-specific studies of urban rhythms, atmospheres, textures, practices and patterns of behaviour in the West Midlands city of Coventry (UK).

2017 – 2021

National Institute for Health Research Unit on Improving Health in Slums

The long-term aims of the project include finding the best ways to deliver healthcare to people living in slums in Asia and Africa and then to persuade and work with politicians and other officials to make these changes. One of the work packages in this programme will specifically look at *Geo-spatial mapping of health services in slums*.

National Institute for Health Research (UK Department of Health)

2017 - 2023

Modelling Mixing Mechanisms in 1D Water Network Models EPSRC.

The management of water quality in rivers, urban drainage and water supply networks is essential for ecological and human well-being.

This Fellowship will work to address the knowledge gaps, delivering a step change in the predictive capability of 1D water quality network models. It will achieve this via the strategic leadership of a programme of laboratory and full-scale field measurements, the implementation of system identification techniques and active engagement with primary users. The proposal covers aspects from fundamental research, through applications, to end-user delivery, by providing a new modelling methodology to inform design, appraisal and management decisions made by environmental regulators, engineering consultants and water utilities.

2016 - 2018

MEDIA4SEC - The emerging role of new social media in enhancing public security

MEDI@4SEC is a co-ordination and support action supported under the European Union's Horizon 2020 Research Framework. It focuses upon enhancing our understanding of the opportunities, challenges and ethical consideration of social media use for public security. Over the course of its activities, MEDI@4SEC aims to build a community of stakeholders engaged in using social media for public security who can exchange experience, information and ideas to enhance the use of this tool in a very dynamic environment.











WINDESHEIM UNIVERSITY OF APPLIED SCIENCES

Windesheim Honours College
The Netherlands, Zwolle

Windesheim Honours College is part of the Windesheim University of Applied Sciences and provides an intensive, small-scale, international learning community for talented and socially engaged students. The study Global Project and Change Management trains young people to become change makers. We work with students who are ready to go an extra mile to address global issues and create societal value.

HUBS

-  Informal Urbanism
-  Urban Accessibility
-  Climate Change
-  Urban Governance
-  Urban Regeneration
-  Gender
-  Safer Cities
-  Urban Form

UNDERGRADUATE programmes

— Honours BBA in Global Project and Change Management

Windesheim University of Applied Sciences
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[@studyWHC](#) and [@Winedsheiminfo](#)
<https://www.facebook.com/Windesheimhonour-college/>

MASTER programmes

— Leadership in Transition

OTHER programmes

— Value Creators (www.valuecreators-whc.com)
— Managing Projects in a Globalised world (Honours Minor)

ARTICLES

Garcia-Alvarez, M., Leusenkamp, S., Rijdsdijk, L. (2016, April). *Value Creators: A new education concept for Global Challenges*. Workshop and interactive session presenting our educational concept during the Jaarcongress HBO. Rotterdam, The Netherlands.

Bot, M., García Alvarez, M., Rijdsdijk, L. (2017, April). *Het Karakter en competentie profiel van wicked leiderschap*. Workshop during national IPMA Project Management Parade. Den Bosch, The Netherlands.

Rijdsdijk, E. & Bot, M. de (2017). Wicked questions and developing Leadership competences in a network society. Preparing young professionals for the future. In IPMA Proceedings 30th World Congress *Breakthrough Competences for managing Change* (pp. 318-326), Astana, Kazakhstan.

Garcia, M. & Rijdsdijk, L. (2017). Value Creators: an innovative learning environment to shape the future together and find glocal solutions to the challenges ahead. *Journal of the European Honors Council 1* (2). <https://www.honorscouncil.eu/jehc/JEHC20170204GarciaAlvarezRijdsdijk.pdf>



Kingma, T., Dommerholt, K., & Rijdsdijk, L. (2017). The honours learning environment of Windesheim University of Applied Sciences. *Journal of the European Honors Council*, 1 (2). <https://www.honorscouncil.eu/jehc/JEHC20170205KingmaDommerholtRijdsdijk.pdf>

Rijdsdijk, L., de Bot, M. & Groenevelt, H. (2016). Developing a valid Wicked Meter to assess complexity. *IPMA Projectie Magazine*, 6, 16-22.

Smits, C., Hofhuis, J., Rijdsdijk, L.E., Mensen, M., & Vries, S. de (2016). Interprofessioneel samenwerken rond ouderen in de wijk. In: Wilken, J.P. & van Bergen, A. (Eds.), *Handboek Werken in de Wijk*. Amsterdam: SWP Publishers.

Rijdsdijk, L., Hofhuis, J., de Bot, M., & de Vries, S. (2018). Succesfactoren voor interprofessioneel samenwerking. Een verkenning van de internationale literatuur en implicaties voor het onderwijs. In: de Waal, V. (Ed), *Interprofessioneel werken en innoveren in teams. Samenwerking in nieuwe praktijken* (pp. 47-66). Bussum, the Netherlands: Uitgeverij Coutinho.

Brink, M. van den & L. Stobbe. (2014). The Support Paradox: Overcoming dilemmas in gender equality programmes. *Scandinavian Journal of Management*, 30(2), p. 163–174.

Brink, M. van den & L. Stobbe (2009). Doing gender in academic education: the paradox of visibility, *Gender Work & Organization*, 16(4), p. 451-470.

Stobbe, L. (2005). Doing machismo: legitimating speech acts as a selection discourse. *Gender, Work and Organization*, 12(2), p. 105–123.

Stobbe, L. (2005). The gendered reconstruction of the Argentine auto components industry. In T. Davids & F. van Driel (Eds.), *The Gender Question in Globalization: Changing Perspectives and Practices*. Aldershot: Ashgate, p. 25-39.

Stobbe, L., M. van den Brink & S. van Duijnhoven (2004). *Images of science, scientific practice and femininity amongst physicists. A study on upward mobility of female physicists in the Netherlands* (report). Utrecht: Foundation of Fundamental Research on Matter (FOM).

PROJECTS

2012-ongoing

Connect2Uganda: a network collaboration between AOC Oost (an agricultural professional college), Windesheim Honours College, local NGOs, municipalities and businesses, with a focus on food security and promoting sustainable agriculture in School Farms. Different projects every year related to the Sustainable Development Goals, sustainable cities, climate adaptation, Governance and Gender.

Active member of Shelter City Zwolle (Human Rights)

Academic network(s)

European Honors Council
National Collegiate Honors Council
Intrepid Knowledge (EU)
WeAll Academics (NESI Forum)

Research network(s)

Research Programme Social Innovation
Research Programme Circular Economy

LATIN AMERICA AND THE CARIBBEAN



54. ITESO Jesuit University of Guadalajara, (Mexico)

55. Tecnológico de Monterrey, (Mexico)

56. The University of The West Indies, (Trinidad and Tobago)

57. Universidad de Las Américas, (Ecuador)

58. Universidad Piloto de Colombia, (Colombia)

59. Universidade Federal do Rio de Janeiro, (Brazil)

60. University of Guadalajara, (Mexico)

61. University of São Paulo, (Brazil)



ITESO JESUIT UNIVERSITY OF GUADALAJARA

Department of Habitat and Urban Development
Mexico, Guadalajara

ITESO is the Jesuit University of Guadalajara. It was founded in 1957 and belongs to the group of more than 228 Jesuit universities in the world. It shares with them the 450-year-old educational tradition, historically placed at the center of the world thought and recognized for the formation of leaders in all fields of science and arts.

ITESO is characterized by academic excellence, deep concern for the local and global environment, and commitment to improving people's living conditions. Its integral training project seeks to develop intelligence and sensitivity and to train young people free and committed to society in an environment conducive to know and grow.

HUBS



Urban Governance

UNDERGRADUATE programmes

— Architecture

MASTER programmes

- City and Sustainable Public Space;
- Project and Sustainable Building

PHD programmes

- Social Scientific Studies

OTHER programmes

- Professional Workshop in Sustainability;
- Sustainable Housing Design and Innovation Laboratory

BOOKS

Cortes Lara, M. (2016). *Aportes a la sustentabilidad*, Mexico: ITESO.

Mendo Gutierrez, A. (2015). *Observacion urbana sistematica*, Mexico: ITESO - Universidad de Guadalajara.

ARTICLES

Mendo Gutierrez, A. (2012). *Indice de Desarrollo de la Ciudad*, Mexico: Ciudades.

PROJECTS

Metropolitan Observatory of Guadalajara.

Pilot experience in Mexico for the launching of a national network of urban observatories monitoring UN-Habitat indicators.

ITESO Jesuit University of Guadalajara
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TECNOLÓGICO DE MONTERREY

Laboratorio Urbano Queretaro
Mexico, Queretaro

UrbanLab is an urban research laboratory supported by the work of urban planners, urban designers and architects related to the School of Architecture, Arts and Design of the Tecnológico de Monterrey in Querétaro. The interest of the laboratory is mainly based on the morphological issues of the city and how these are the result of social, cultural and political processes of the community that inhabits them. Our main goals are to understand the different phenomena that have provoked the urban crisis, as well as to generate proposals and solutions to complex urban problems through a holistic understanding of the city supported by geospatial analysis tools.

HUBS

-  Safer Cities
-  Urban Accessibility
-  Urban Form

THEMATIC AREAS

- ▶ Spatial inequalities

UNDERGRADUATE programmes

- Architecture;
- Industrial Design;
- International Affairs;
- Civil Engineering

MASTER programmes

- Administración Pública y Política Pública (MAP)
- Gestión Pública Aplicada (en línea) (MGP-V)
- Práctica Jurídica Transnacional - Doble grado con Washington University in St. Louis (MPJ)
- Prospectiva Estratégica (MPE)

PHD programmes

- Política pública – PhD in Public Policies-
- Ciencias sociales –Social Sciences-
- Estudios Humanísticos –Humanistic Studies-

OTHER programmes

- Professional training: Sustainable Urban Design

BOOKS

Garnica Monroy, R., Chávez García, J. L. y Pogli-
aghi L., Tesis Ganadoras 2013. Doctorado. México,
D.F.: Asamblea Legislativa DF.

Graizbord, B. (2014). La provisión de servicios de
internet en México: ¿tiene un dominio nacional
de este servicio la ZMCM? In Graizbord, B. (2014),
*Metrópolis: estructura urbana, medio ambiente y
política pública*. Pp. 175-191. México, D.F.: El Cole-
gio de México.

Tecnológico de Monterrey

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[https://www.facebook.com/UrbanLab-Quereta-
ro-Nuevo-Urbanismo-218356548216014/](https://www.facebook.com/UrbanLab-Quereta-ro-Nuevo-Urbanismo-218356548216014/)
<https://twitter.com/campusqueretaro>



ARTICLES

Cuevas, E., Hernández, M., Arturo, O.; Garnica, R. (2013). Modelo de Accesibilidad Peatonal (MAP). Índice de Accesibilidad Peatonal a Escala Barrial. *Journal: Bitácora UrbanoTerritorial*. Vol. 23. Num. 2.

Garnica, R., Barbosa, D., Sánchez H. and Durán, G. (2013). Una visión de la estructura urbana de Zacatecas. *Cuadernos de Arquitectura y Nuevo Urbanismo*, No. 11 y 12.

Garnica, R. and Guzmán, U.D. (2013). La planeación del transporte a partir de los principios de la conectividad y la accesibilidad espacial. El caso de Tuxtla Gutiérrez, Chiapas. *Proceedings XVII Congreso Latinoamericano de Transporte Público y Urbano*, Gu.

PROJECTS

2016-2018.

“Spatial Inequalities and Urban Form in Mexican Cities: a geospatial investigation”. In collaboration with Northumbria University Newcastle. Funded by the British Academy.

2017-2019

“Desarrollo de una metodología urbano- ambiental para estimar los impactos en la salud pública de las emisiones vehiculares en ciudades medias con crecimiento vehicular y poblacional acelerados”. In collaboration with the Center for Natural Resources in Queretaro (CQRN). Funded by CONACYT.

Academic network(s)

DAAD German Academic Exchange Service

Research network(s)

REFU –Network for Urban Form Studies-



THE UNIVERSITY OF THE WEST INDIES


Geomatics Engineering and Land Management,
St. Augustine
Trinidad and Tobago,
Port-of-Spain

Established in 1948, UWI is the largest and longest standing higher education provider in the English-speaking Caribbean.

The Department of Geomatics Engineering and Land Management offers degree programmes in Geomatics, Urban and Regional Planning, Land Administration and Land Management (valuation). MSc, MPhil and PhD degrees are offered in Urban and Regional Planning and Geoinformatics. A postgraduate diploma in Land Administration is also offered.

The Graduate Programme in Urban and Regional Planning was created in response to requests made in the 1980s by the professional planning community throughout the Caribbean to have an indigenous planning education designed to meet the specific planning needs of the Region. The initiative was started by the Executive and other senior members of the Trinidad and Tobago Society of Planners in the 1980s and gained momentum with the support of its Barbadian and Jamaican counterparts. With the assistance of the Canadian International Development Agency and the School of Urban Planning, McGill University, the Programme was established and had its first intake of students in 1995.

HUBS

-  Informal Urbanism
-  Safer Cities
-  Climate Change

UNDERGRADUATE programmes

- Geomatics Engineering and Land Management;
- Land Management;

MASTER programmes

- Urban and Regional Planning;
- MSc Geomatics;

PHD programmes

- Urban and Regional Planning
- Geomatics

BOOKS

Mycoo, M. and Donovan, M. G. (2017). *A Blue Urban Agenda: Adapting to Climate Change in the Coastal Cities of Caribbean and Pacific Small Island Developing States*. Inter-American Development Bank, Washington. D.C.

Mohammed, A. (2008). Colonial Influences on Urban Form in the Caribbean: Illustrated by Port of Spain, Trinidad and Tobago. In: *The Caribbean City*. R. Jaffe (Ed). Ian Randle Publishers, Kingston.

Sarmiento, J.P., Mycoo, M. and Morgan, P. (2007). Disaster Risk Reduction. U.S. Agency for International Development and the Caribbean Development Bank.

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https://twitter.com/uwi_staugustine



ARTICLES

Mycoo, M.A. (2017). A New Urban Agenda for the Caribbean Post Habitat III. *Habitat International* 69: 68-77.

Mycoo, M.A. (2017). Beyond 1.5°C: vulnerabilities and adaptation strategies for Caribbean Small Island Developing States. *Regional Environmental Change*, 1-13.

Mycoo, M.A. (2018). Urban sustainability in Caribbean Small Island Developing States: An Urban Planning Perspective Using a Case Study of Trinidad. *International Development Planning Review*, 40(2) 143-174.

Mycoo, M., Griffith-Charles, C. and Lalloo, S. (2017). Land management and environmental change in small-island-developing states: The case of St. Lucia, *Regional Environmental Change*, 17 (4), 1065-1076.

Mycoo, M.(2016). Reforming spatial planning in anglophone Caribbean countries. *Planning Theory and Practice*, 18(1) 89-108.

Mycoo, M. (2014). Autonomous household responses and urban governance capacity building for climate change adaptation: Georgetown, Guyana. *Urban Climate*. Vol. 9, 134-154.

Mohammed, A. (1997). Problems in translating NGO successes into government settlement policy: illustrations from Trinidad and Tobago and Jamaica, *Environment and Urbanization* 9(2): 233-246.

PROJECTS

2009-2014

International Community-University Research Alliance, Canada. Climate Change Adaptation in Coastal Communities of the Caribbean and Canada.

A collaborative initiative with the goal of assisting coastal communities to share experiences and tools that aid adaptation to changes in physical and social coastal environments.

Link: <https://idl-bnc-idrc.dspacedirect.org/bitstream/handle/10625/54156/IDL-54156.pdf?sequence=1>

2014-2016

Sustainable Land Management and Climate Change Adaptation in the Organisation of Eastern Caribbean States. Sustainable Land Management Project - OECS, UN-HABITAT, UWI.

The aim of the project was to improve the region's natural resource base resilience to the impacts of

climate change through: (a) Effective and sustainable land management frameworks and practices; and (b) Specific physical adaptation pilot projects in relevant areas and sectors.

EU-ACP project: Mainstreaming Energy Efficiency and Climate Change in Built Environment Training and Research in the Caribbean (CarEnTrain).

Academic network(s)

RC21

Research network(s)

Future Earth Coasts






UNIVERSIDAD DE LAS AMÉRICAS

Facultad de Arquitectura y
Diseño
Ecuador, Quito

The School of Architecture is part of the Faculty of Architecture and Design. It is a young school, but it has focused its aims in understanding architecture as part of a broader continuum which includes the quality of object design on the lower part of the spectrum and the complexities of the urban environment on the other.

The School works with the view oriented on looking for solutions to national problems, but without losing sight of the role in the Latin American context and the world at large.

HUBS

-  Urban Regeneration
-  Safer Cities
-  Urban Form

UNDERGRADUATE programmes — Architecture

Universidad de Las Américas
Facultad de Arquitectura y Diseño
Campus Queri
Calle José Queri s/n entre Av. Granados y Eloy
Alfaro
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<https://www.facebook.com/UDLAQuito>
<https://twitter.com/UDLAQuito>

BOOKS

Hoyos, G. and Cobos, D. (2015). *Quito y Kioto: La Preservación del Patrimonio Histórico Edificado en Occidente y Oriente*, Los Casos de Quito (Ecuador) y Kioto (Japón). Ermes.

Recalde, P. (2016). *Otras Manifestaciones Neogóticas en el Ecuador —un Paréntesis a la Obra del Padre Brüning—*. Ermes.

ARTICLES

Hoyos, G.; Cobos, D. (2015). Quito y Kioto: preservación del patrimonio edificado. *Red de Investigación Urbana, Revista Ciudades*, 107.

Bustamante Patiño, B., & Herrero Olarte, S. (2017). La clase dominante como determinante de la forma de Quito. *Bitácora Urbano Territorial*, 27(3), 81-90.

PROJECTS

2017-2019
ANÁLISIS DE LA MORFOLOGÍA DEL ESPACIO URBANO Y CALIDAD DE VIDA. The case of “La Mariscal”, Quito.

Members of research group: Gonzalo Hoyos B., Raed Gindeya M., Gustavo Fierro O., Patricio Recalde P.

Abstract: The main goal of this project is to diagnose the current state of the morphology of the urban space of “La Mariscal”, through surveys of information in the field, analysis of historical



maps and orthography, digital cadastre information, historical planimetry, land use surveys and photographic surveys, to be processed through geographic information systems and models of calculation of spatial dynamics.

2017-2018

INDICADORES PARA EVALUAR LA SOSTENIBILIDAD DE PROYECTOS URBANOS A ESCALA BARRIO

Members of research group: David Dávalos, Nuria Vidal, Susana Herrero, Angela Díaz

Abstract: The project aims to determine a group of indicators adapted to the evaluation of the sustainability of urban architectural proposals at the neighborhood scale. For its correct application we will create or adapt a basic tool that allows us to evaluate the urban project and obtain results. This tool will allow us to group the proposed indicators, compare and visualize results. The indicators should be simple to facilitate the communication of their results in front of the actors of the world of urban planning, public management and the inhabitants.

2018-2019

RE-NATURALIZACIÓN URBANA E INFRAESTRUCTURA VERDE EN AMÉRICA LATINA. SINERGIA AMBIENTAL DEL BORDE HACIA EL CENTRO, A TRAVÉS DE PROCESOS COLABORATIVOS DE ABAJO HACIA ARRIBA

Members of research group: Ángela Díaz, David Dávalos, Blanca Ríos Touma, Esther Higeras

Abstract: This is a theoretical project of an analytical and proactive nature, to produce a strategy of urban re-naturalization and green infrastructure from the urbanized and dispersed periphery towards the center of the cities, through the collaborative construction of knowledge, for the improvement of the quality of life of the inhabitants of the area and promote a paradigm shift about the attributes and potential of these neighborhoods.

2017-2018

NUEVOS MODELOS DE ENSEÑANZA-APRENDIZAJE PARA EL ESTUDIO DE LAS CIUDADES

Members of research group: Ángela Díaz, Esteban Manzano

Abstract: This is a theoretical-practical project that, based on the presence of technology in the lives of students, with the aim of identifying what would

be the most appropriate use of it to ensure meaningful learning.

Research network(s)

Parsons the New School of Design, Sci-Arc Alumna Network, Archis See Network



UNIVERSIDAD PILOTO DE COLOMBIA

Maestría en Gestión Urbana
Colombia, Bogota

For more than 50 years, the University's aim has been the promotion of sustainable urban development through its different programs: Administration and Urban Management (Undergraduate); Urban Environmental Management (Specialization) and Urban Management (Graduate Program). The accurate management of the environment is important inside the University, that is why, within the other programs of the University, the urban and environmental issues are of great relevance. The experience that the University has regarding the urban focus has been recognized in different scenarios, as a consultant to public entities and private enterprises. The postgraduate and undergraduate programs focus on the urban issue as a main subject to take into account for students to acquire a sense of importance concerning the respect, development, and commitment with society as well as the environment. It also seeks the strengthening of the environment in which the University takes part, mainly within the strategic regional and urban development sectors, among others.

HUBS



Urban Accessibility

Universidad Piloto de Colombia
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<https://www.facebook.com/Upiloto>
<https://twitter.com/UPilotoOficial>

UNDERGRADUATE programmes

- Business Administration;
- Environmental Administration;
- Architecture;
- Economics;
- Civil Engineering;
- System Engineering;
- Mechatronics;
- Financial Engineering;
- International Business;
- Psychology

MASTER programmes

- Urban Management;
- Network management and logistic;
- Architecture

OTHER programmes

Specialization programs:

- Project Management;
- University Teaching;
- Informatic Safety;
- Environmental Urban Management

BOOKS

Rubiano, M. (Comp.) (2017). *Segregación socioespacial; miradas cruzadas desde Río de Janeiro, Bogotá y sus áreas de influencia metropolitana*. Universidad Piloto de Colombia, Bogota.

Rubiano, Brinez, Melba y Burbano, Andrea Milena (2015). *La dinámica del mercado inmobiliario en Bogotá, Colombia: Análisis en el contexto de la segregación socio espacial y del espacio público*



en el ámbito metropolitano. En: Quillaguamán Leytón, Katrin (Coor). *Dinámicas de los mercados inmobiliarios en los países en desarrollo. Aspectos teórico metodológicos y estudios de caso*. Cochabamba: Universidad Mayor San Simón y Centro de estudios de población. 123-154.

Torres Carrillo, A. & Torres Ruiz, A. (Comp.) (2015). *Acción colectiva, gestión territorial y gobernanza democrática en Bogotá*. Bogotá: Universidad Piloto de Colombia.

Páramo, P, y Burbano Arroyo, A. M. (2014). *La ciudad habitable*. Espacio público y sociedad. Bogotá: Universidad Piloto de Colombia.

Hurtado, A.; Miranda, L.A.; Hernandez, M.P.(2013). *Gestión de grandes proyectos urbanos en espacios metropolitanizados: Los sistemas integrados de transporte en Colombia*. Colombia: Universidad Piloto de Colombia.

ARTICLES

Moreno, C.A. and Rubiano, M. (2014). Segregación residencial y movilidad cotidiana en el contexto metropolitano. Un estudio a partir de las relaciones Bogotá-Soacha. *Territorios*, [S.l.], n. 31, p. 133-162.

Duarte, F.; Gadda, T.; Moreno, C. A.; Souza, F. T. (2016). What to expect from the future leaders of Bogotá and Curitiba in terms of public transport: Opinions and practices among university students. *Transportation Research Part F: Traffic Psychology*.

Moreno, C.A., Miralles-Guasch, C. (2017).The Bicycle As A Real Feeder To The Transmilenio System In Bogota And Soacha. *International Journal of Transport Development and Integration*. Volume 1 (2017), Issue 1.

Moreno, C.A. (2016). Segregación en el espacio urbano de Soacha. ¿Transmilenio como herramienta integradora?. *Revista De Arquitectura*, Volume.18, fasc.1, p.48 - 55.

Moreno. C.A. (Ed.) (2017). Accesibilidad Urbana para ciudadanas más igualitarias. *Papeles de Coyuntura*, Volume 43, diciembre.

Villar, M. (Ed.) (2016). Ciudad y educación. *Papeles de Coyuntura*, Volume 41, junio.

Torres, A.M., Rubiano, M. (Eds)(2015). Segregación socioespacial en las metrópolis latinoamericanas. Orígenes, manifestaciones e implicaciones. *Papeles de Coyuntura*, Volume 40, diciembre.

PROJECTS

2017

Macroproyecto Gestión Urbana Comparada en Metrópolis Suramericanas: Gestión del recurso agua como sistema de integración y apropiación social y lúdica en el espacio público (Fase II).

2017

Desequilibrios territoriales: Incidencia del ordenamiento territorial en las primacías urbanas.

2016

Los asentamientos informales: propuesta para el diseño de un Observatorio del mercado informal (Fase I).

2016

FASE III MACROPROYECTO: Gestión urbana comparada en Metropolis Suramericanas (2016) Proyecto: Prácticas prometedoras para un dialogo efectivo por una movilidad urbana sostenible”.

2015

Desarrollo sostenible para la transformación social y productiva del río grande de la Magdalena desde una visión integral. eje: ocupación sostenible del territorio + infraestructuras osti.

2015

La enseñanza de la gestión urbana: un estudio comparado de posgrados de Brasil y Colombia. Fase III.

2015

La enseñanza de la gestión urbana: un estudio comparado de posgrados de Brasil y Colombia. Fase III.

Academic collaborations with Habitat UNI members

Member of scientific committee in the 7th international conference: Building innovatively interactive cities held in Cairo. Organized by the Department of Architecture of Cairo University

Internship of students from Twente University, The Netherlands in the Maestria en Gestión Urbana



UNIVERSIDADE FEDERAL DO RIO DE JANEIRO

Faculdade de Arquitetura e Urbanismo
Brazil, Rio de Janeiro

The Housing Network of FAU-UFRJ is composed of two laboratories working in Social Housing and Slums (Housing and Slum Upgrading – themes HUB), linked to two postgraduate programmes.

The Housing Network aims to embrace various scales of action: the Housing Laboratory – LabHab, linked to the Postgraduate programme of PROARQ, aims to establish requirements and criteria of the effectiveness of social housing programmes and design. The Housing and Urban Form Laboratory, linked to the Postgraduate programme of PROURB, has its field focused on the urban scale, and investigates the urban integration of different types of housing from slums to the sets of social housing, mobility studies, the site and job opportunities.

HUBS



Informal Urbanism

UNDERGRADUATE programmes

— Architecture and Urbanism

Universidade Federal do Rio de Janeiro
Av Pedro Calmon, 550 – Prédio da Reitoria/FAU
Cidade Universitária – Rio de Janeiro, RJ – CEP
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<https://www.facebook.com/FAU.UFRJ/>

MASTER programmes

- Architecture (PROARQ);
- Urbanism (PROURB)

OTHER programmes

- The Housing Laboratory – LabHab, linked to PROARQ, aims to establish requirements and criteria of the effectiveness of social housing programmes and design.

<http://www.proarq.fau.ufrj.br/novo/>

BOOKS

Benetti, P.C.; Carvalho, S.A. (org) (2017). *Praça Pr' Alemão Ter: o germinar de uma praça verde no Morro do Alemão*. Rio de Janeiro: UFRJ.PROURB. 104p.

Carvalho, S.A.; Terry, T.; Javoski, D.E.A. (2013). *Sistema Viário* (Cadernos Técnicos do Morar Carioca). 1. ed. Rio de Janeiro: Instituto dos Arquitetos do Brasil - RJ. 56p.

Benetti, P.C. (2013). *Vivienda Social y Ciudad: Desafíos para la enseñanza del proyecto*. Buenos Aires: Editora Diseño, v.1. 104p.

Benetti, P.C. (2012). *Habitação Social e Cidade: Desafios para o ensino de projeto*. Rio de Janeiro: Editora Rio Books, v.1. 103p.

ARTICLES

Rola, S.M.; Saleiro Filho, M.O.; Santos, M.C.O. (2017). Technical Assistance as Dialogical Translocation for the Dream House: The Participatory



Process for the Improvement of Housing of Social Interest in the Favela of Rocinha, Rio de Janeiro. IV AEAULP Seminar - The Language We Live. Belo Horizonte/Brazil.

Benetti, P.C.; Palma, R., Matoso, J.S.; Gracie, R. (2016). Habitação social e mobilidade urbana In: II Congresso Internacional de habitação coletiva sustentável, 2016, SP. São Paulo: FAU USP, 2016. v.1. 476-482p.

Benetti, P.C., Peclly, M.L.; Carvalho, S.A. (2016). Protótipos Minha Casa + Sustentável In: II Congresso Internacional de habitação coletiva sustentável, 2016, SP. São Paulo: FAU USP, 2016. v.1.

Vaz, L.F., Seldin, C. (2016). From the Precarious to the Hybrid: The Case of the Maré Complex in Rio de Janeiro. In: KOSMALA, Katarzyna.; IMAS, Miguel. (Org.). Precarious Spaces: The Arts, Social & Organizational Change. 1ed.Bristol/Chicago: Intellect. 37-59p.

PROJECTS

2012 – 2017

PROURB. Quality of the Urban design and the place in the city of Social Housing – Programme my house my life (Minha Casa Minha Vida).

The research project aims to evaluate housing examples of My House My Life Programme (Minha Casa Minha Vida - MCMV) in three levels. The first one concerns its location in the city, observing the relationship between the place and the potential of economic and social development. The second relates to the neighbourhood's contribution in terms of employment, commerce, schools, health services etc. The third level of analysis focuses on the quality of intermediate spaces within the social housing project, emphasizing the transition between public and private spaces.

2014 – 2017

PROURB. Prototype My House + More Sustainable.

The project consists in the development of two prototypes of social housing – one in Rio de Janeiro and the other one in Lauro de Freitas. The main idea was to experiment new design of social housing using the programme's rules to improve environmental comfort and energetic efficiency. The prototypes were an initiative of the Ministry of Cities (MCidades), Energy Company (Eletrobras) and federal universities.

2013 - ongoing research

PROARQ. PMHIS Project - Social Interest Housing Improvement Programme.

The main objective of this project is to promote the sustainability of buildings in informal settlements through technical assistance and in the scope of teaching-research-extension, in order to contribute to international and national sustainability goals. After 4 years, the research and extension project has already worked in more than 200 housing units in Rocinha and it is expanding to another slum – Paraisópolis, in São Paulo, Brazil.

Academic network(s)

Reedes

Research network(s)

European Network for Housing Research
Associação Nacional de Pós-graduação e Pesquisa em Planejamento Urbano e Regional – ANPUR

Academic collaborations with Habitat UNI members

Habitat Partner University Initiative: Informal Urbanism Hub Conference "Metropolis Nonformal – Anticipation" in Munich, Germany on Nov 20-23, 2013.



UNIVERSITY OF GUADALAJARA

M.A. in Urban and Territorial Planning (Maestría en Urbanismo y Territorio)
Mexico, Guadalajara

At the beginning of a new millennium, the University of Guadalajara is a vigorous community, heir to an educational tradition forged along more than two centuries. To its University Centers located in the Metropolitan Area of Guadalajara and eight regions of Jalisco 209,466 students come every day to study in the 422 vocational, high school, undergraduate and graduate academic programs the University offers. The faculty is renowned as one of the most important in Mexico. The University of Guadalajara is a fundamental institution for the formation of high quality human resources and the production of scientific and technological knowledge that support the development of Jalisco. The cultural life and artistic wealth of the western region of Mexico could not be accounted for without the pioneering and unique contribution of the University of Guadalajara. Urban and Territorial planning are taught at the *Centro Universitario de Arquitectura y Diseño* (CUAAD) where a robust faculty works everyday to help a community of 4.3 million inhabitants in Guadalajara Metropolitan Area.

HUBS



Informal Urbanism



Urban Governance



Climate Change



Urban Form



Safer Cities

UNDERGRADUATE programmes

— Urban and Environmental Planning (Licenciatura en Urbanismo y territorio)

MASTER programmes

— Urban and Territorial Planning (Maestría en Urbanismo y Territorio)

PHD programmes

— City, Territory and Environment (Doctorado en Ciudad, Territorio y Medio Ambiente)

BOOKS

Rueda, C. (coord.) (2016). *Apuntes de la Vivienda mínima en México*. Guadalajara, Jalisco, México: Universidad de Guadalajara.

Becerra Mercado, O. y Reyes Rodriguez, R. (2016). *Ciudad y Salud: El entorno urbano como promotor de calidad de vida*. Guadalajara, Jalisco, México: Universidad de Guadalajara.

Córdova Canela, F. and Díaz Núñez, L. (coord.) (2016). *Avances y estudios de vivienda en México*. Guadalajara, Jalisco, México: Universidad de Guadalajara, Red de Vivienda CONACYT.

Becerra Mercado, O., y Reyes Rodriguez R. (2014). *El lenguaje contemporáneo del urbanismo: Glosario de términos urbanos*. Guadalajara, Jalisco, México: Universidad de Guadalajara.

University of Guadalajara

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<http://www.udg.mx/>

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Facebook: [maestriaurbanismoterritorio](#)



PROJECTS

Ongoing.

Metropolitan Planning.

The city of Guadalajara is very concerned on Metropolitan Governance, as a result, the CUAAD at the University of Guadalajara is working close to municipal governments in this issue. This is a work done jointly with Milano Polytechnic, and it is attempting to build a method of analysis for metro areas.

Ongoing.

Housing and Sustainable Communities.

This is an important issue which is linking the university, public and private sectors in order to build sustainable housing and communities in the region.



UNIVERSITY OF SÃO PAULO

Escola Politécnica / Department of Construction Engineering
Brazil, Sao Paulo

The Department of Construction Engineering is one of the four Departments comprising the Civil and Environmental Engineering area of the Escola Politécnica of the University of São Paulo. Construction engineering has been taught since the Escola Politécnica was founded in 1893 and the activities of the department (PCC.USP) are directly related to responding to the technical, productivity, quality and sustainability demands of the construction industry, one of Brazil's foremost industries, accounting for approximately 10% of its GDP. In addition it is responsible for the studies in urban engineering and planning.

The aim of the academic teaching staff, undergraduate and graduate students, researchers and technical staff of the Department is to tackle the technical limitations presented by these areas, including those concerning the productivity, sustainability and quality of products and processes, and to work towards innovative solutions for resolving the problems associated with construction engineering and its clients.

In order to meet this objective, the Department operates in close partnership with public and private firms and professionals who work outside the confines of the academic world, in an effort to diagnose problems and define action priorities for developing ways and means for resolving such problems.

HUBS



Informal Urbanism



Urban Form



Urban Governance



Climate Change

THEMATIC AREAS

- ▶ Slum upgrading
- ▶ Resilience
- ▶ Planning and design
- ▶ Housing
- ▶ Governance
- ▶ Climate change

UNDERGRADUATE programmes

— Civil Engineering and Environment Engineering

MASTER programmes

— Civil Engineering;
— Professional Master's in Innovation in Construction

PHD programmes

— Civil Engineering

Academic network(s)

N-AERUS, UNHABITAT academic cooperation, ESPON, CIB.

University of São Paulo

Av. Prof. Almeida Prado, Trav.2, Nº 83, Edif. de Eng. Civil - Cid. Universitária, São Paulo – SP, Brazil

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alex.abiko@usp.br

<http://www.pcc.usp.br/home>
<https://www.facebook.com/usppolitecnicaconstrucaocivil/?fref=ts>



NORTH AMERICA



62. Georgia Institute of Technology (United States of America)

63. Massachusetts Institute of Technology, (United States of America)

64. New York University, (United States of America)

65. Purdue University, (United States of America)

66. Stanford University, (United States of America)

67. Université de Montréal, (Canada)

68. University of California, (United States of America)

69. University of Minnesota, (United States of America)

70. University of Waterloo, (Canada)



GEORGIA INSTITUTE OF TECHNOLOGY

School of City and Regional Planning
United States of America, Atlanta

Georgia Tech's School of City and Regional Planning is a global leader in the creation of sustainable, resilient and just cities and regions, aiming for the highest levels of international learning and professional engagement. A research-led and highly interdisciplinary community of scholars, the School faculty includes five Fellows of the American Institute of Certified Planners, recent editors of the *Journal of Planning Education and Research*, and former chief operating officers of the Georgia Regional Transportation Authority, and the Atlanta City Planning Department. Students arrive with ambitions to solve the world's most vexing problems resulting from population growth, economic disparities, resource shortages and climate change, and after graduation become leaders in the city planning profession, the development industry, the non-profit sector and academia.

UNDERGRADUATE programmes

- Sustainable Cities Minor
- Certificate in Real Estate Development

MASTER programmes

- City and Regional Planning
- Science in Urban Design

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- Science in Geographic Information Science and Technology
- Certificate in Geographic Information Systems
- Dual degree programs:
 - MCRP + Juris Doctor
 - MCRP + Master of Architecture
 - MCRP + M.S. in Civil Engineering
 - MCRP + M.S. in Public Policy

PHD programmes

- City and Regional Planning

BOOKS

N.G. Leigh and E. Blakely (2017). *Planning Local Economic Development: Theory and Practice*. Los Angeles: Sage.

B. Stiftel, V. Watson and H. Ascelrad (2015). *Dialogues in Urban and Regional Planning*, volume 2. London: Routledge.

H.F. Etienne and B. Faga (2014). *Planning Atlanta*. Chicago: American Planning Association.

C.L. Ross, M. Orenstein and N. Botchwey (2014). *Health Impact Assessment in the United States*. New York: Springer

B. Stone Jr. (2012). *The City and the Coming Climate: Climate Change in the Places We Live*. Cambridge: Cambridge University Press.

ARTICLES

Garza, N. (2017). Spatial and dynamic features of land value capture: a case study from Bogotá, Colombia. *Public Finance Review*.



Kim, A.J., J.M. Levin, and N.D. Botchwey, (2017). Planning with unauthorized immigrant communities: What can cities do? *J. Planning Literature*.

Li, Z., S.J. Quan, P.P.J. Yang. (2016). Energy performance simulation for planning a low carbon neighborhood urban district: A case study of Macau. *Habitat International*, 53: 206-214.

Pipkin, S., and A. Fuentes (2017). Spurred to Upgrade: A Review of Triggers and Consequences of Industrial Upgrading in the Global Value Chain Literature. *World Development*. 98: 536-554.

PROJECTS

2016-2018

Leigh, N.G. and Christiansen, H. Workers, Firms, and Industries in Robotic Regions. National Robotics Initiative Grant, National Science Foundation. \$784,887.

2015-2019

Russell, A., Botchwey, N., and Webster, P. Sustainability Research Network (SRN): Integrated Infrastructure Solutions for Environmentally Sustainable, Healthy, and Livable Cities, Partnership led by University of Minnesota. National Science Foundation. \$1,349,997.

2015-2019

Stone, B., Matei Georgescu, and Marie O'Neill. NSF Hazards-SEES: Enhancing Emergency Preparedness for Critical Infrastructure Failure During Extreme Heat Events. National Science Foundations. \$2,310,000

Academic network(s)

Association of Collegiate Schools of Planning (ACSP)

Global Planning Education Association Network (GPEAN)

University Council on Geographic Information Systems (UCGIS)

Research network(s)

International Regional Science Association

Regional Studies Association

Urban Affairs Association (UAA)

Urban and Regional Information Systems Association (URISA)

Academic collaborations with Habitat UNI members

2010 – present: Tongji University, China, double degree program MCRP + MUP; joint studios

2012: CEPT University, India, joint studio

2017-8: University of Tokyo, joint studio

2018: University of Guadalajara, joint studio

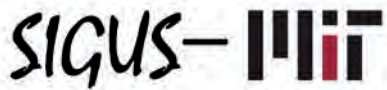
Research collaborations with Habitat UNI members

2009: U.N. Habitat; Global Report on Human Settlements

2010 – present: Tongji University, China; Sino-US Eco-Urban Laboratory

2015: U.N. Habitat: International Guidelines on Urban and Territorial Planning

2016: U.N. Habitat: World Cities Report



MASSACHUSETTS INSTITUTE OF TECHNOLOGY

SIGUS - Special Interest Group in Urban Settlement, MIT United States, Boston

The Special Interest Group in Urban Settlement (SIGUS) centers on housing and community interests in the School of Architecture and Planning at MIT focusing on developing areas worldwide. SIGUS explores the new professionalism emerging for architects and planners, and concentrates on service, participation and non-traditional client groups. We offer workshops and short courses, and carry out research and outreach programs stressing participatory methods.

HUBS



Informal Urbanism



Urban Form

UNDERGRADUATE programmes (MIT)

- Planning;
- Architecture

MASTER programmes (MIT)

- Planning;
- Architecture

PHD programmes (MIT)

- Planning and architecture

OTHER programmes

- Special workshops in summers and January. Varied topics.

PROJECTS

Ongoing:

INCREMENTAL HOUSING.

Since 2010, International university consortium exploring informal self-built incremental housing. Link: <http://web.mit.edu/incrementalhousing/>

SOLAR ENERGY EXPLOITATION: SOLAR CHIMNEYS, POWER ATRIUMS, ELECTRIC CITIES

Conceptual explorations, from technical to practical examples

INNOVATIVE URBAN DEVELOPMENT ON CONSTRAINED STEEP MOUNTAINOUS AREAS
Various research initiatives since 1970; recent exploration in Chinese administrative city

DRONES AS DEVELOPMENT PARTNERS

Recent research Stressing 'Technology and Community Participation', some work bringing in AR visualization

Massachusetts Institute of Technology

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Contact:

Dr. Reinhard Goethert

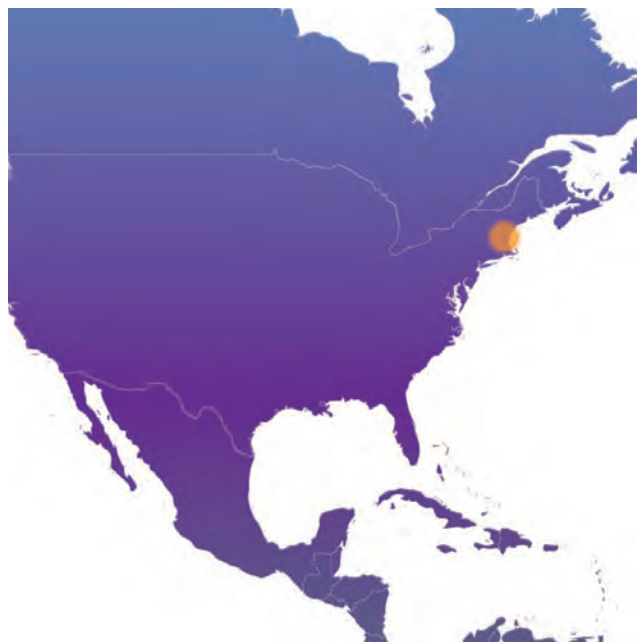
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THEATRUM MUNDI

NEW YORK UNIVERSITY
Institute for Public Knowledge
United States, New York

The Institute for Public Knowledge (IPK) brings theoretically serious scholarship to bear on major public issues. Located at NYU, it nurtures collaboration among social researchers in New York and around the world. It builds bridges between university-based researchers and organizations pursuing practical action. It supports communication between researchers and broader publics. And it examines transformations in the public sphere, social science, and the university as a social institution as these change the conditions for public knowledge.

HUBS



Informal Urbanism



Urban Form



Urban Governance

BOOKS

UN-Habitat (2018). *The Quito Papers and the New Urban Agenda*. Routledge: New York.

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PROJECTS

2016.

The Quito Papers: Towards an Open City, short video, 15 minutes, Dir. Dominick Bagnato & Casim Shepard. Theatrum Mundi in association with the Kaifeng Foundation.

Research network(s)

Ports in Transition research network





PURDUE UNIVERSITY COLLEGE OF ENGINEERING

(Includes College of Agriculture Projects)
Global Engineering Programs, Innovation for International Development (I²D) Lab
West Lafayette, Indiana United States

Purdue's College of Engineering is among the largest in the US, and its "renaissance engineers" prized. Ranked Top 10 nationwide, it is #6 for graduate programs and #9 for undergraduate programs, with four schools ranking Top 5 for undergraduate programs. Its Innovation for International Development (I²D) Lab puts engineering innovations to work for global sustainable development. The Innovation for International Development (I²D) Lab helps to translate Purdue's engineering innovations to sustainable global development impact for the poorest or vulnerable populations in low and middle-income countries (LMICs). It provides connectivity to key stakeholders and potential donors in international development, and seed funding for designing and testing innovative solutions for communities in LMICs.

Articles

Henry, M., Baldwin, G., & Quathamer, G. (2015). Designing a community-based water harvesting system: Understanding water use in Endallah, Tanzania. *The Journal of Purdue Undergraduate Research*, Volume 5, Article 6.

Mavity, M., McCord, J., Schramm, S., Wright, E., Wintczak, D., & Damayo, S.A. (2015). Universal method for analysis of counterfeit medication for the Kilimanjaro School of Pharmacy in Tanzania. *The Journal of Purdue Undergraduate Research*, Volume 5, Article 6.

Wilson, D. D. & Lumkes, J.H. (2015). Manufacturing agricultural utility vehicles in sub-saharan Africa. *Agricultural Engineering International: CIGR Journal*. Special Issue 2015: 18th World Congress of CIGR: 148-159.

PROJECTS

AFRICA AND LATIN AMERICA – Purdue Utility Platform (John Lumkes, ABE)

Low agricultural productivity in Sub-Saharan Africa (SSA) keeps this population under constant pressure, even though investment in agriculture is a proven way to reduce regional poverty. It is therefore necessary to ensure that smallholder farmers are able to access affordable, appropriate technology given their resource constraints. The PUP is an innovative mobile system that can be manufactured, sold, and serviced within the local regions where it is used. The vehicle is built in-country utilizing components and materials readily accessible to that region. By 2018 there will be more than 10 PUPs deployed in Cameroon, Guinea, Uganda, Kenya, and Colombia, with local partners, through various business models.

Partners: African Center for Renewable Energy and Transportation (ACREST, Cameroon); Tumaini Center (Kenya)

Learn more:

<https://engineering.purdue.edu/GEP/I2DLab/Projects/PUP/>;

<https://engineering.purdue.edu/pup/>

KENYA – Point-of-Care Detection of Neo-Natal Sepsis and HIV (Jackie Linnes, BME).

A Purdue Biomedical Engineering team (the Linnes Lab) is developing a low-cost nucleic acid diagnostic platform for point-of-care detection of the most common sepsis pathogens, resulting in a simple Yes/No readout for each pathogen. By combining rapid, paper-based, molecular diagnostics with cell-phone powered isothermal nucleic acid amplification, the device will enable the diagnosis of sepsis within hours of onset. This detection will allow limited resources such as antibiotics and personnel to be dedicated to the highest risk infants in order to improve neonatal mortality and care even in remote settings.

Partners: AMPATH, Moi University College of Health Sciences, (Eldoret, Kenya) and <https://engineering.purdue.edu/GEP/I2DLab/Projects/POC-neonatal-sepsis>

NEPAL –CRS Emergency Response E-Supply Chain Management System (Yuehwern Yih, IE)

The actions taken after a disaster is critical to humanitarian relief. The efficient delivery of emergency relief materials in the first place determines

the effectiveness of those actions. In addition, a sustainable supply chain system ensures the progress of reconstruction of the devastated areas and the safety of refugees. Purdue is working with CRS to develop a web-based, multi-platform, centralized, offline-compatible electrical emergency response system that is capable of connecting all warehouses, requesting relief materials, checking inventory levels, tracking relief materials from donors to beneficiaries, and automatically generating accounting and beneficiary reports.

Partners: Catholic Relief Services

Learn more: <https://engineering.purdue.edu/GEP/I2DLab/Projects/CRS-Supply-Chain>

UGANDA – Diagnosis-Based Demand sensing and Digital tracking (Yuehwern Yih, Industrial Engineering).

Funded by Bill and Melinda Gates' Foundation Grand Challenges, Diagnosis-Based Demand sensing and Digital tracking (DBDD) will match demand with supply by applying systems engineering principles and cloud-based smart sync technology to sense future demand by triangulating patient data in registers, diagnostic data in laboratories and consumption data in inventory tracking for improved Maternal and Child Health (MCH) care in Uganda. Our theory of change for this project is based on the following hypotheses: Hypothesis 1: The DBDD approach will reduce the time needed to prepare orders; Hypothesis 2: The DBDD approach will reduce the cases of stock-out and overstock of targeted medical supplies; and Hypothesis 3: The DBDD approach will result in improved patient outcomes (e.g. reduction in maternal mortality rate, infant mortality and under-5 mortality rates).

Partners: Makerere University/RAN Lab



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STANFORD UNIVERSITY

Human Cities Initiative / Program on Urban Studies at Stanford University
United States, Stanford








The Program on Urban Studies at Stanford University is an interdisciplinary, undergraduate program that combines academic approaches with real world experience to understand cities. The mission of the Program is to develop students' understanding of the nature of cities and their impact on our world. The dynamic and complex nature of cities challenges traditional disciplinary boundaries, so our program is interdisciplinary in nature, drawing from fields in the social sciences, history, and education.

Courses in the program focus on issues in contemporary urban society and on the forces and practices that shape urban life. Courses also address how cities have changed over time and continue to change today in societies around the world. Through a comprehensive program that includes course work, community engagement, and independent research, the Urban Studies major prepares students for careers and graduate study in fields including architecture, business, community service, education, environmental planning, law, public policy, real estate development, urban design, and urban planning. It also prepares students to be critical thinkers, engaged citizens, and informed leaders who transform cities for the better.

Based in the Program on Urban Studies at Stanford University, the Human Cities Initiative takes a whole systems approach to the research and practice of sustainable cities. We identify urbanization challenges at different stages of development and support human-centered technological, policy, and design strategies that address those challenges. We develop and practice ethical approaches, using frameworks that are inclusive (for many) and participatory (by many), and striving to benefit diverse human communities.

Our goal is to create a platform to share best practices, theoretical frameworks, and practical strategies to advance a human cities framework of sustainability. We nurture an interdisciplinary community of faculty, students, and community stakeholders based in mutual reciprocity and humility. We aim to embody an ethic of creativity, social commitment, and intention in the pursuit of research and real world applications.

HUBS

-  Informal Urbanism
-  Urban Accessibility
-  Climate Change
-  Urban Governance
-  Urban Regeneration
-  Urban Form
-  Safer Cities

UNDERGRADUATE programmes

— Urban Studies

OTHER programmes

— Human Cities Initiative (within the Urban Studies Program).

Academic network(s)

International Network of Urban and Research

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Program on Urban Studies
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<http://www.humancities.org>
<https://www.facebook.com/stanford>
<https://twitter.com/stanford>



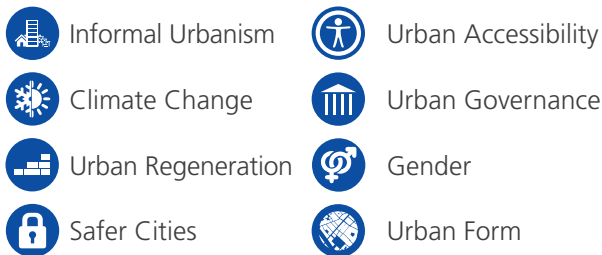
UNIVERSITÉ DE MONTRÉAL

Faculté de l'aménagement
Canada, Montréal

"Faculté de l'aménagement" includes all the fields dealing with intervention on built environment and natural environment at different scales: ranging from objects, buildings, cities, metropolises and regions. The faculty delivers vocational training, research training in relation with four great disciplines: architecture, urban planning and urban design, urban management and landscape planning, engineering and design.

Bachelor degree, Master and Ph.D.

HUBS



UNDERGRADUATE programmes

— Baccalauréat en urbanisme

MASTER programmes

- Aménagement, option montage et gestion de projets d'aménagement;
- Aménagement, option conservation du patrimoine bâti;
- Design urbain;
- Ville territoire Paysage;
- Urbanisme

PHD programmes

— Aménagement

Research network(s)

UNESCO, ENHR

Academic collaborations with Habitat UNI members

- 1) 2016 2015: Participation to the building of New Urban Agenda through ARCG (GAP);
- 2) October 2016: HABITAT III - Quito (Ecuador)

* RESAUD participates (as rapporteur) in Habitat III Stakeholders Round table of the General Assembly Partners (GAP): Knowledge

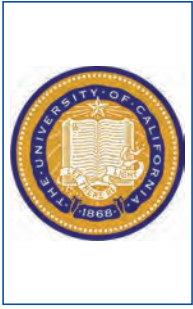
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UNIVERSITY OF CALIFORNIA, BERKELEY
 Centre for Global Healthy Cities
 United States, Berkeley

The Center for Global Healthy Cities at UC Berkeley is a multi-disciplinary, action-oriented research, teaching and partnership initiative. The Center uses analysis and engagement with current urban problems to promote greater environmental health justice and urban health equity. The specific projects utilize cross-cutting research, training, and community partnerships.

HUBS

-  Informal Urbanism
-  Urban Accessibility
-  Climate Change
-  Urban Governance
-  Urban Regeneration
-  Gender
-  Safer Cities

UNDERGRADUATE programmes

- Urban Studies;
- Sustainable Environmental Design;
- Public Health

MASTER programmes

- City & Regional Planning;
- Law;
- Public Health;
- Public Policy;
- Environmental Science

PHD programmes

- City & Regional Planning;
- Public Health;
- Public Policy;
- Environmental Science

OTHER programmes

- Joint MPH & MCP program;
- Health Equity Action Lab;
- Inclusive Cities Lab

Academic network(s)

International Society for Urban Health,
 Regional Science Association International,
 Regional Science Association of India,
 Indian Society for Ecological Economics

Research network(s)

Research Council of UK on Urban Transformation and Heritage

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UNIVERSITY OF MINNESOTA

Humphrey School of Public Affairs
USA Minneapolis, Minnesota

The Humphrey School of Public Affairs is fueled by world-class faculty and staff who are actively engaged with students and deeply committed to public service and public affairs scholarship. They bring real-world experience into the classroom and offer connections to experiential learning locally and globally. Eight policy research centers at the Humphrey School make significant contributions to solutions on issues ranging from politics and governance to urban and regional planning, from early childhood policy to technology and environmental sustainability. Areas of Expertise: Global Policy, Leadership & Management, Politics & Governance, Social Policy & Policy Analysis, Urban & Regional Planning, and Science, Technology & the Environment.

HUBS



Climate Change



Urban Accessibility



Urban Regeneration



Urban Governance



Safer Cities

MASTER programmes

- Human Rights
- Development Practice
- Urban and Regional Planning
- Public Affairs
- Public Policy
- Science, Technology and Environmental Policy

PHD programmes

- Public Policy and Planning

Academic Network(s)

- APSIA
- NASPAA
- APPAM



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UNIVERSITY OF WATERLOO
FACULTY OF ENVIRONMENT
School of Planning

UNIVERSITY OF WATERLOO

School of Planning
Canada, Waterloo

The School of Planning takes an interdisciplinary approach in addressing the major challenges facing our communities today as well as working with them towards a more sustainable, healthy and vibrant future for the places we call home. Our focus is on planning as a process, which includes policy-making, research, and decision-making. This approach gives equal emphasis to the “how” and “why” of planning, and integrates several disciplines in the social, pure, and applied sciences. This comprehensive effort draws from the diverse range of planning areas including environmental planning, community sustainability, urban design, transportation, housing, urban economics, and heritage. The research conducted by our faculty members and their students falls into four thematic areas:

1. Community Planning: Evolution, Processes, and Impacts
2. Community Sustainability - climate change, ecology, energy systems, food, health, planning process
3. Housing, Transportation, Urban Economies, and Social Structures
4. Modeling, Visualization, and Design in Planning

Located in the Faculty of Environment’s LEED Platinum certified Environment 3 building, it is one of the few planning schools in Canada to offer programs at the bachelor’s, master’s, and PhD levels. One of the key features of our School is the vibrant connection with the planning profession, including their involvement in classes, studios and providing work opportunities. Accredited by the Canadian Planning Profession, we provide unique experiential learning opportunities and a high quality education that is the foundation for student success!

University of Waterloo

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<https://uwaterloo.ca/planning/>
<https://www.facebook.com/enwwaterloo>
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HUBS



Climate Change



Urban Governance



Urban Regeneration



Urban Form



Urban Accessibility

THEMATIC AREAS

- ▶ Healthy Communities

UNDERGRADUATE programmes

- Bachelor of Environmental Studies (BES Honours Co-operative Planning) – accredited

MASTER programmes

- Arts In Planning; (MA) – accredited
- Environmental Studies in Planning; (MES) – accredited
- Planning (MPlan, fully online degree program).

PHD programmes

- Planning

LEARNING GUIDE*

This guide introduces the universities forming part of this map according to the **undergraduate, Master's and doctorate programmes** they offer and classifies them by six different areas of study: Architecture, Urban and Regional Planning; Engineering; Arts and Design; Governance and Urban Management; Urban Studies.

* *University (City and Country), page*

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ARCHITECTURE (included fields: urbanism, building, construction, housing)

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- University of Leuven, KU Leuven (Leuven, Belgium), [p. 112](#)
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ENGINEERING (Included fields: geomatics, land management, civil engineering, environmental engineering, environmental management, agriculture, natural patrimony, aquaculture, coastal and marine management, urban informatics)

- Federal University of Technology (Minna, Nigeria), p. 18
- James Cook University (Cairns and Townsville, Australia), p. 51
- KTH Royal Institute of Technology Stockholm (Stockholm, Sweden), p. 86
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- University of Engineering and Technology (Lahore, Pakistan), p. 68
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GOVERNANCE AND URBAN MANAGEMENT (Included fields: tourism, economics, law, international affairs)

- Pan African Institute for Development (Douala, Cameroon), p. 26
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URBAN STUDIES (Included fields: geography, history, human settlements, philosophy, social and human development, sustainability, real state)

- Georgia Institute of Technology (Atlanta, United States of America), p. 134
- Makerere University (Kampala, Uganda), p. 24
- Queen's University Belfast (Belfast, United Kingdom), p. 91
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