ACKNOWLEDGEMENTS

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Sponsors:

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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.

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

Foreword
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, cooperation, 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.


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](climate-change-icon)
- ![Urban Accessibility](urban-accessibility-icon)
- ![Gender](gender-icon)
- ![Urban Form](urban-form-icon)
- ![Informal Urbanism](informal-urbanism-icon)
- ![Urban Governance](urban-governance-icon)
- ![Safer Cities](safer-cities-icon)
- ![Urban Regeneration](urban-regeneration-icon)

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 collaboration 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;

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.
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 New castle, (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)

Knowledge map 15
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)
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

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.
**BOOKS**


**ARTICLES**


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)

**BOOKS**


ARTICLES


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.
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.

**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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https://www.facebook.com/OFFICIALFUTMINNA/
https://twitter.com/infounitfutmex
**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.
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

ARTICLES


**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.
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


ARTICLES

**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.


**Academic network(s)**

Association of European Schools of Planning (AESOP)
Pan African Institute for Entrepreneurship and Community Development (ECDI) is an Institute in Special Consultative status with United Nations Economic and Social Council (ECOSOC) and Member, United Nations Habitat Partner University Initiative. ECDI 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.
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.
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**

**ARTICLES**


**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.
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

**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**

**ARTICLES**


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.
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

**UNIVERSITY OF LAGOS**
Department of Urban and Regional Planning
Nigeria, Lagos

**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**
Department of Urban and Regional Planning
Faculty of Environmental Sciences
University of Lagos
Main Campus, Akoka, Lagos, Nigeria

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(+)234 805 998 6906

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https://twitter.com/unilagnigeria

34 Africa
BOOKS


ARTICLES


PROJECTS
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


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.
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

PHD programmes

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

Cairo University
Faculty of Engineering,
Cairo University Giza - Egypt.

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https://twitter.com/CairoUniv

38 Arab States

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

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.


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. Salah 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 Freee University.

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

2013-current
EcoCitizen World Map/ Urbinsight Project, joint research project with Ecosystem Builders NGO, UC Berkley, USA and Mundiapolis University, Morocco.

Project PI: Prof. Dr. Salah 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. Salah 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
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 research 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 Architecture develops education and training programs for undergraduate 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


ARTICLES


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 Resources Creative 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)
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

ARTICLES


PROJECTS
2014 - 2016.
$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.
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**


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.

ARTICLES


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


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.

Curtin University
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Phone: (+)61 8 9266 9266

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http://www.curtin.edu.au/
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https://twitter.com/curtinuni

48 Asia and The Pacific
OTHER programmes
— Major programme and courses sponsored by the Government of India:
— GIAN programme, NPTEL courses, SWAYAM courses, TEQIP course, AICTE course.

BOOKS

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
Climate Change
Urban Regeneration
Safer Cities

Urban Accessibility
Urban Governance
Urban Form

UNDERGRADUATE programmes
— Architecture

MASTER programmes
— Urban and Rural Planning

PHD programmes
— Planning and Architecture

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ARTICLES


PROJECTS
2018 (3 years).
Conservation of traditional buildings and dissemination of traditional knowledge while simultaneously generating alternate livelihood opportunities. Sponsoring Agency: MoEF&CC, GoI.

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 (GoI).

2017 (3 Years).
Smart Performance Roadmap for Airport Terminal Buildings in India. Sponsoring Agency: DST (GoI).

2016 (1 year).
Comprehensive Capacity Building Program for AMRUT and Smart City Mission Cities. Sponsoring Agency: Ministry of Urban Development (GoI).

2016 (3 Years).
Framework to Manage Construction and Governance of Smart City Building in India. Sponsoring Agency: NBCC (GoI).

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 (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.

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

ARTICLES


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

**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**


BOOKS


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 Vidyamandal, 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.

ARTICLES


PROJECTS

2013-2016.
Draft Development Plan for Anand-Karamsad-Vallabh 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, GoI and CII 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.
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
- Informal Urbanism
- Urban Accessibility
- Climate Change
- Urban Governance
- Urban Regeneration
- Gender
- Safer Cities
- Urban Form

UNDERGRADUATE programmes
- UG Prog in Architecture;
- UG Prof in Planning

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

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https://www.facebook.com/SPA.Vijayawada/
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)


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


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

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https://twitter.com/UMS_EcoCampus
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


ARTICLES


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

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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-INFRATECH)

BOOKS


ARTICLES


**PROJECTS**

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.

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


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 (PGDi-pArch)
— Planning (MPlan)
— Urban Planning (Professional) (MUrbPlan(Prof))
— Urban Design (MUrbDes)

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Julia Gatley (HOS) up till Dec 2018
Prof Deidre Brown from Jan 2019
https://www.facebook.com/UniofAkl

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ARTICLES


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


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 Manfridini 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

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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

Thrust areas in teaching and research
• Geomorphology and hazard studies.
• Cartography, Remote Sensing-GIS
• Tropical Climatology.
• Urban Geography and Regional Planning

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

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Prof. Sumana Bandyopadhyay
sumona_bm@yahoo.com
http://www.caluniv.ac.in/academic/department/
Geography.html

• **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**


**ARTICLES**


**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.
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.

HUBS

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

UNDERGRADUATE programmes
— City and Regional Planning

MASTER programmes
— City and Regional Planning;
— Community Development and Environmental Management;
— Disaster Management

PHD programmes
— City and Regional Planning

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https://twitter.com/UET_official

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

UNDERGRADUATE programmes

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

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ARTICLES


BOOKS


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


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

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
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


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

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ARTICLES


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

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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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https://twitter.com/upsystem

Asia and The Pacific 75
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
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

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SUD master study programme
http://vgu.edu.vn/sustainable-urban-development
https://www.facebook.com/msc.sud.vgu
COMMONWEALTH OF INDEPENDENT STATES
EUROPE

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»

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

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80 Commonwealth of Independent States
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
- Climate Change
- Urban Regeneration
- Safer Cities
- Urban Accessibility
- Urban Governance
- Gender
- 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


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https://www.facebook.com/BKTUDelft
https://twitter.com/BKTUDelft
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.

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.

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.

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 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

Academic network(s)
ARL

Research network(s)
European Network of Co-housing researchers
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 calibre 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

**BOOKS**

ARTICLES


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

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https://www.facebook.com/KTH

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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.
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 Governors 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/

More info: https://medneta.eu/

Research network(s)
ACCCRN

2014-2016.
MEDNETA PROJECT

A recent rese 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).
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;
- 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


ARTICLES


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 Education’s 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 pro- gramme 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


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.
Newton Global Challenge Fund Peer Review College.
Royal Irish Academy, Future Earth Ireland.
Higher Education Academy, UK.
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 comunicacion;
— 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

Europe 93
OTHER programmes
— Own Title in Energy Efficiency and Sustainability in Building University Extension Diploma; Advanced Architecture

BOOKS


ARTICLES


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.landscape.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.
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.
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


ARTICLES

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

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
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.
BOOKS


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


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
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 Philippines, 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
- Climate Change
- Urban Regeneration
- Urban Governance

TU Dortmund University
Faculty of Spatial Planning
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http://www.raumplanung.tu-dortmund.de/
https://www.facebook.com/Raumplanung/

BOOKS


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

ARTICLES


100 Europe

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.

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
The Higher Technical School of Architecture was founded in 2005 as part of the University of Malaga, 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.
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 and the projection in Latin America.

The University exhibits a special interest on Portuguese speaking countries.

HUBS

Informal Urbanism

THEMATIC AREAS

- Basic habitability.

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


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 arquiteturas nas que vive o outro 90%. A Coruña: Universidade da Coruña.
ARTICLES


PROJECTS


2000-.
A casa labrega contemporánea A research on the galician informal sheltering process.

2012-2015.

Academic network(s)
Placido Lizancos collaborates with the University Office for Volunteering and Coopetation 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 enginiring 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.
In 2013 the University Rovira i Virgili (Tarragona, Spain), ranked 4th most productive in Spain and 83rd best University under 50 years of age 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.

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

**PHD programmes**
- Law (speciality on Housing Law)

**BOOKS**


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**UNIVERSITAT ROVIRA I VIRGILI**

**UNESCO Housing Chair**
Spain, Tarragona

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**HUBS**
- Informal Urbanism
- Urban Accessibility
- Urban Regeneration

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

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**PHD programmes**
- Law (speciality on Housing Law)

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**BOOKS**


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https://twitter.com/housingchairurv/
https://www.linkedin.com/company/càtedra-d’habitatge-de-la-urv
https://www.youtube.com/channel/UCFT-Dlqq7QTKIz2bxH14prA7?view_as=subscriber

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**Europe 105**
ARTICLES


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

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.

106 Europe
OTHER programmes
— Sustainable Regional Development

ARTICLES


Academic network(s)
University of Chulalongkorn, Thailand

Research network(s)
Universiti Syiah Kuala, Aceh, Indonesia
on behalf of the German Federal Ministry for Economic Cooperation and Development (BMZ), Colorgrafx, Belgrade, September, 2017.


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
PROJECTS


2016-2021. Mobility of Students/teaching staff, Erasmus+ KA1 project with Sopocka Szkola, University of Applied Arts, Poland

2016-2018. Mobility 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

ARTICLES


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 suoevison of Prof. K. Ljubetic, as.A.Perić, V.Sretović Brković. 2005-2008. Faculty members participated in implementation of UN-HABITAT SIRP (Settlement and Refugees Programme) in Serbia.
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 transsectoral—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
- Climate Change
- Urban Regeneration
- Safer Cities
- Urban Accessibility
- Urban Governance
- Gender
- 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**


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Dr. June Calvo-Soraluze
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http://www.citieslab.deusto.es
@deustoCitiesLab
ARTICLES


PROJECTS
2018. Smart Cities: trends and opportunities (Elecnor).
2018. Basque Cities 4.0 (Basque Government).
2018. Agenda Vasca Urbana (Gobierno Vasco).
2017-2018. 360º DOT (Gobierno Vasco).

Academic network(s)
Aristos Campus Mundus

Research network(s)
ATLAS (Association for Tourism and Leisure Education and Research);
LASA (Latin American Studies Association)

Europe 111
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

THEMATICAL 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

KU Leuven
Departement Architectuur
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Contact:
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Willemijne Linssen, Departmental Manager
willemijn.linssen@kuleuven.be

https://architectuur.kuleuven.be/
http://architectuur.kuleuven.be/overons/?lang=en
https://www.facebook.com/arch.kuleuven
https://twitter.com/sintlucasarchi
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

**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**


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
- Climate Change
- Urban Regeneration
- Safer Cities

- Urban Accessibility
- Urban Governance
- Gender
- Urban Form

UNDERGRADUATE programmes
— Honours BBA in Global Project and Change Management

MASTER programmes
— Leadership in Transition

OTHER programmes
— Value Creators (www.valuecreators-whc.com)
— Managing Projects in a Globalised world (Honours Minor)

ARTICLES


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. Tecnologico 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 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


ARTICLES


PROJECTS

Metropolitan Observatory of Guadalajara.

Pilot experience in Mexico for the launching of a national network of urban observatories monitoring UN-Habitat indicators.
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.

OTHER programmes
— Professional training: Sustainable Urban Design

BOOKS

ARTICLES


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-

120 Latin America and The Caribbean
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.

**BOOKS**


**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

**The University of the West Indies**
St. Augustine
Trinidad and Tobago

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https://www.facebook.com/Geomatics Engineering and Land Information
https://twitter.com/uwi_staugustine

Latin America and The Caribbean 121
ARTICLES


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

Latin America and The Caribbean
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

BOOKS


ARTICLES


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

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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

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**UNIVERSIDAD PILOTO DE COLOMBIA**

Maestría en Gestión Urbana
Colombia, Bogota


**BOOKS**

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https://twitter.com/UPilotoOficial

Latin America and The Caribbean 125


ARTICLES


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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 esti.

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
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

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


ARTICLES
Rola, S.M.; Saleiro Filho, M.O.; Santos, M.C.O. (2017). Technical Assistance as Dialogical Translation for the Dream House: The Participatory


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

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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)
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.
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

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https://www.facebook.com/usppolitecnicaconstrucaocivil/?ref=ts/

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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
— 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


ARTICLES


**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

2015-2019

**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
2016: U.N. Habitat: World Cities Report

**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)

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INNOVATIVE URBAN DEVELOPMENT ON CON- 
STRAINED STEEP MOUNTAINOUS AREAS
Various research initiatives since 1970; recent 
exploration in Chinese administrative city

DRONES AS DEVELOPMENT PARTNERS
Recent research Stressing ‘Technology and Com-

munity Participation’, some work bringing in AR 
visualization

The Special Interest Group in Urban Settlement (SIGUS) centers on housing and community inter-
ests 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 CHIM-
NEYS, POWER ATRIUMS, ELECTRIC CITIES
Conceptual explorations, from technical to practi-
cal examples

MASSACHUSETTS INSTITUTE OF 
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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


PROJECTS

2016.
The Quito Papers: Towards an Open City, short video, 15 minutes, Dir. Dominick Bagnato & Cassim Shepard. Theatrum Mundi in association with the Kaifeng Foundation.

Research network(s)

Ports in Transition research network
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’s 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](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
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 coursework, 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.
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): Knowledg

Bachelor degree, Master and Ph.D.

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

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

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https://twitter.com/Umontreal

North America 141
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.

**Academic network(s)**

**Research network(s)**
Research Council of UK on Urban Transformation and Heritage

**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

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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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North America

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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!

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

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https://uwaterloo.ca/planning/
https://www.facebook.com/envwaterloo
https://twitter.com/uWaterloo
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

UNDERGRADUATE PROGRAMMES

ARCHITECTURE (included fields: urbanism, building, construction, housing)
- Bond University (Gold Coast, Australia), p. 44
- Cairo University (Cairo, Egypt), p. 38
- Curtin University, School of Built Environment (Perth, Australia), p. 48
- Delft University of Technology, TU Delft (Delft, The Netherlands), p. 81
- Federal University of Technology (Akure, Nigeria), p. 20
- Federal University of Technology (Minna, Nigeria), p. 22
- Indian Institute of Technology Roorkee (Roorkee, India) p. 49
- ITESO Jesuit University of Guadalajara (Guadalajara, Mexico), p. 118
- KTH Royal Institute of Technology Stockholm (Stockholm, Sweden), p. 86
- Massachusetts Institute of Technology (Boston, United States), p. 136
- Maulana Azad National Institute of Technology (Bhopal, India), p. 53
- Norwegian University of Science and Technology (Trondheim, Norway), p. 89
- San Pablo CEU University (Madrid, Spain), p. 93
- Sardar Patel University (Vallabh Vidyanagar, India), p. 55
- School of Planning and Architecture (Vijayawada, India), p. 57
- Technische Universität Berlin (Berlin, Germany), p. 95
- Tecnologico de Monterrey (Queretaro, Mexico), p. 119
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