

MARTIN LARBI

WORK HISTORY

Lecturer, 11/2020 to Present:

Department of Architecture, KNUST

- Coordinate several courses at undergraduate, masters and PhD levels. These include Environmental Behaviour Studies, Urban Design, Environmental Planning Introduction to Land-use Planning, and Architectural Design Theory.

Course Coordinator: Principles of Urban Design, 03/2019 to 07/2020:

University of Adelaide, South Australia

- Coordinate Urban Design Principles course for first and second year Master of Urban Planning/Design and Landscape Architecture students. This involves preparing and delivering lectures on urban design principles, coordinating workshop activities, and organizing field trips for students. The course covers concepts such as: sustainable urbanism, urban resilience, urban issues in the global south, smart cities, urban liveability, urban governance and the principle of subsidiarity, green urbanism, transit-oriented development, Green Star community rating tool, and placemaking etc.
- To make the course interesting to students and engaging, I have introduced new activities and learning tools to encourage students' participation. For example, encouraging student-led formative assessment activities and brainstorming activities in groups. Consequently, the course has over 95% participation rate.

Course Ambassador: Remote learning support, 03/2020 to 07/2020:

University of Adelaide, South Australia

- Support three master's degree courses to develop COVID-19 modified teaching arrangements. This includes changing the delivery of face to face activities to online modules and modifying course content to support remote learning.

Part-time Teaching Lecturer: Research Design, 03/2019 to 07/2020:

University of Adelaide, South Australia

- Organize tutorials on research design and methods for Master of Architecture and Construction Management students. This involves helping students to:
 - Design an original research project
 - Undertake critical literature review

CONTACT DETAILS

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SKILLS

- Superior interpersonal and communication skills, with the ability to collaborate with students, staff, industry, communities and local government institutions
- Excellent advising and mentoring skills
- Ability to develop curriculum
- Proficient in conference presentation and conference organization (served as member of local organizing committee for the International Conference on Resource Sustainability-Cities -July 2019, and Heat and Habitat in Cities Symposium-December 2019)
- Ability to communicate complex ideas clearly to nonexperts using various media (infographics, images, and animations etc.)
- Proficient in critical review and synthesis of the literature
- Data analysis and interpretation
- Peer review
- Very organized with good time and project management skills
- Open minded to new ideas
- Ability to build effective networks with colleagues from different disciplines and cultures
- Capable of working both independently and as a member of a team

- Write a literature review: adding descriptive, critical and interpretive voice to the discussion
- Formulate research questions
- Narrow down research topic
- Identify appropriate research method and theoretical framework for their research project
- Analyse and manage research data
- Research ethics protocols

Part-time Teaching Lecturer: Construction Management, 03/2019 to Present: University of Adelaide, South Australia

- Organize tutorials on construction management principles for building and civil engineering projects. Topics covered include:
 - Stakeholder management and risk management
 - Procurement
 - Work health and safety management
 - Sustainable construction and green buildings
 - Green Star and LEED rating tools

Part-time Teaching Lecturer: Advanced Architecture Technology, 03/2019 to 06/2019: University of Adelaide, South Australia

- Organized tutorials on green/sustainable high-rise building design for final year Master of Architecture students.
- Facilitated workshops on building simulation using DesignBuilder.

PhD Candidate, 08/2015 to 12/2018

School of Architecture & Built Environment- University of Adelaide

- Researched the dynamics of urban sustainability transitions in both developed and developing country contexts
- Conducted comprehensive literature review on several urban modernization concepts such as: Ecological Urbanism, Urban Resilience, Smart Urbanism, New Urbanism, Eco-city concept, Green Urbanism, and Bioregionalism.
- Gathered and analysed both quantitative and qualitative primary and secondary data from field studies in Freiburg (Germany), Curitiba (Brazil), and Accra (Ghana)
- Presented research findings at conferences such as the State of Australian Cities National Conference, Australian Housing and Urban Research Institutes conferences and the International Conference on Resource Sustainability- Cities (icRS)
- Acted as the Academic Board HDR Representative for the School of Architecture and Built Environment (University of Adelaide) from March 2017-April 2018
- Mentored three PhD students and 5 Master students. This involved helping students with ethics application, defining theoretical

- Ability to work in a high paced environment
- Patient
- A good listener and a fast learner
- Graduate supervision
- Software skills: NVivo, SPSS, Office suites, ENVI-met, Revit, AutoCAD, Lumion 3D (for animation), BEES online, Photoshop, Endnote
- Fluent in English. Achieved overall band 8 on IELTS in June 2019. My speaking test score was 8.5
- Basic knowledge of French

framework for their study; designing research instruments such as semi-structured interviews and questionnaires, and providing advice on students and supervisor relationship

Research Assistant, 03/2016 to 05/2018 Urban Ecosystems Design Lab-University of Adelaide, South Australia

- Supported research projects investigating: water sensitive urban design; adaptive design strategies for sustainable urbanism and resilient cities; and nature-based solutions and green infrastructures
- Collaborated with industry (Jurlique International Pty Ltd) to develop an integrated green infrastructure and urban water management system. This included a green wall, green car park, and bioswales
- Supervised Master of Landscape Architecture students to assist in the construction of the aforementioned project

Project Coordinator on Built Environment: Centre for Energy, Environment and Sustainable Development, 04/2011 to 02/2015: Kumasi, Ghana

- Coordinated research and development projects on Clean Development Mechanisms
- Assisted in the design and construction of biogas digester plants for local institutions. This initiative also involved empowering the local people to adapt and manage this renewable energy technology. The projects were supported by the United State Africa Development Foundation (USADF) and the Netherlands Development Organisation (SNV).

Assistant Architect: Deplus Limited, 02/2014 to 03/2015: Kumasi, Ghana

- Assisted in the design and supervision of a sustainable housing project namely Prabon Greenfields in Ghana (<https://www.prabon-greenfields.com/>). Prabon Greenfields remains one of the first housing projects in Ghana to be designed from scratch as an environmentally friendly community.

Assistant Architect: Kobaku & Associates, 06/2008 to 04/2011: Kumasi, Ghana

- Facilitated a housing research project that aimed to develop prototypical affordable energy efficient buildings for tropical regions.
- Supervised six interns from Spain, Poland, Germany, Greece, and Belgium who worked in the office as interns from 2009 to 2011.

EDUCATION

Ph.D., School of Architecture and Built Environment, University of Adelaide, South Australia - Completed in July 2019

- Thesis title: **Green Urbanism in Contemporary Cities: A Socio-technical Transition Analysis**
- Recipient of Adelaide Scholarship International
- Awarded the Australian Housing and Urban Research Institute (AHURI) top-up scholarship. One of two students to receive this award in 2016 at the University of Adelaide.
- Recipient of a Priority Grant from the Faculty of the Professions (University of Adelaide) to undertake a study on urban sustainability transitions in Europe (Germany and France).

Master of Arts, School of Social Development and Public Policy, Beijing Normal University, PR China - Completed in February 2013

- Recipient of Chinese Scholarship Council Fellowship
- Received First Prize Award as Distinguished International Master Student for the 2011-2012 academic year (Yuan 3000 presented by the International Students Affairs Office of Beijing Normal University). Criteria for selection included academic excellence, leadership role on campus, volunteering and general contribution to the university.
- Elected President of the International Students' Union.
- Graduated in Top 1% of Class

Diploma in Project Management, Institute of Commercial Management, Bournemouth, UK - Completed in December 2009

- Awarded a Diploma in Project Management
- Completed with a distinction

Postgraduate Diploma, Architecture, Kwame Nkrumah University of Science and Technology, Ghana - Completed in May 2008

- Thesis: Affordable Energy Efficient Housing
- Elected to Editor in Chief for the Architecture Students' Association of Ghana in 2007

Bachelor of Science, Architecture, Kwame Nkrumah University of Science and Technology, Ghana - Completed in May 2006

- Coursework in design theory, history of cultures, settlement planning, architectural science, landscape architecture, project management, and design studio.
- Elected to Academic Board Representative for the Faculty of Environmental Development Studies in 2005

PRESENTATIONS (SYMPOSIUMS/CONFERENCES)

- **Larbi, M**, Omrany, H, Sharifi.E (July 2019)- ‘Perceived thermal sensation in green urban spaces: case study of Adelaide’. Presented at the *International Conference on Resource Sustainability (icRS)*, Adelaide.
- Omrany, H, **Larbi, M**, Sharifi.E (July 2019)- “The effect of radiant temperature on perceived thermal sensation in uncontrolled outdoor environments: Case study of the University of Adelaide”. presented at the *International Conference on Resource Sustainability (icRS)*, Adelaide.
- **Larbi, M** (June 2018)- ‘Empirical analysis of the dynamics of green urban transitions: application of the Multi-level Perspective. Presented at the *Australian Housing and Urban Research Institutes’ PhD symposium*, Canberra.
- **Larbi, M** (Nov. 2017)- ‘Low-cost solutions to Green Urbanism’. Presented at the *State of Australian Cities National Conference- SOAC*.
- **Larbi, M** (Feb. 2017)- ‘A socio-technical approach to green urban transition: towards an operational framework. Presented at a PhD Symposium organised by the *Australian Housing and Urban Research Institute*, Melbourne.
- Atampugre, G, **Larbi, M** (Sept. 2016)- ‘Transportation System Adaptation to Climate Change in Ghana: Constrains and Opportunities’. Presented at the *Australian Climate Change Adaptation Research Network for Settlements and Infrastructure (ACCARNSI)* symposium for Early Career Researchers (ECRs).
- **Larbi, M**, Banson, K, Amakpah, S (July 2016)- ‘A system’s thinking approach to sustainable transportation: reflection on Ghana’s transport system’. Presented at the *World Summit on Environmental Accounting* in Beijing.

PUBLICATIONS

- **Larbi, M.**, Jon Kellett, Elisa Pallazo, 2021. Urban Sustainability Transitions in the Global South: a Case Study of Curitiba and Accra. In *Urban Forum* (pp. 1-22). Springer Netherlands.
- **Larbi, M.**, Kellett, J., Palazzo, E. and Mehdipour, A., 2021. Urban Sustainability Transitions in Two Frontrunner Cities: Insights from the Multi-level Perspective. *Planning Practice & Research*, pp.1-20.
- Sharifi, E., **Larbi, M.**, Omrany, H. and Boland, J., 2020. Climate change adaptation and carbon emissions in green urban spaces: case study of Adelaide. *Journal of Cleaner Production*, p.120035
- Atampugre, G, **Larbi, M**, Ojo, TK. and Liu, G, 2020, ‘Transport system adaptation to climate change: constraints and opportunities in Ghana’. *Transactions on Transport Science*

- **Larbi, M.** 2017, 'A Multi-level Perspective on Strategic Transport Planning towards Low Carbon Development in Adelaide: Insight from Freiburg im Breisgau', *Proceedings of the State of Australian Cities National Conference 2017*, Adelaide, Australia.
- **Larbi, M.**, Lair, K, Annor, I, 2016, 'Property branding in Ghana: a reflection on colour, architecture and spatial agency', in J. Zuo, L. Daniel, V. Soebarto (eds.), *Fifty years later: Revisiting the role of architectural science in design and practice: 50th International Conference of the Architectural Science Association 2016*, pp. 1-10.
- Amakpah, S-W, **Larbi, M.**, Liu, G & Zhang, L 2016, 'Dynamics of Eco-Cities: A Review of Concepts towards Operationalizing Sustainable Urbanization', *Journal of Environmental Accounting and Management*, vol. 4, no. 1, pp. 73-86.
- Ghiglione, S & **Larbi, M.** 2015, 'Eco-Cities in China: Ecological Urban Reality or Political Nightmare?', *Journal of Management and Sustainability*, vol. 5, no. 1, p. 101.
- **Larbi, M.** 2014, *Environmental Stewardship and Corporate Social Responsibility: Implications for Consumer Resistance to Negative Information. The Case of Apple in China.* *Journal of Risk governance & control: financial markets & institutions / Volume 4, Issue 4, (2014)* pp. 39-47.

JOURNAL AND CONFERENCE PAPERS REVIEW

- **March 2019**- Reviewed five papers for the International Conference on Resource Sustainability (icRS 2019).
- **Sept. 2016 to Present**: Reviewer for *Journal of Cleaner Productions (JCP)*.
- **October 2017**- Reviewed two papers for the State of Australian Cities National Conference
- **July 2016**: Reviewer for *Journal of Environmental Accounting and Management (JEAM)*.