

A panoramic view of the Dubai skyline, featuring numerous skyscrapers of varying heights and architectural styles, including the Burj Khalifa. The buildings are reflected in the water in the foreground. The sky is a pale, hazy blue.

# Research

at the Cluster for Research  
in Architecture & Urbanism  
of Cities in the Global South

**DEPARTMENT OF ARCHITECTURE**

This handbook has been designed by

Alessandra Feliciotti

on behalf of the Department of Architecture,  
University of Strathclyde.

# **Cluster for Research in Architecture & Urbanism of Cities in the Global South (CRAUCGS)**

Director: Prof Ashraf Salama

## **Department of Architecture University of Strathclyde**

James Weir Building,  
75 Montrose Street  
Glasgow - G1 1XJ

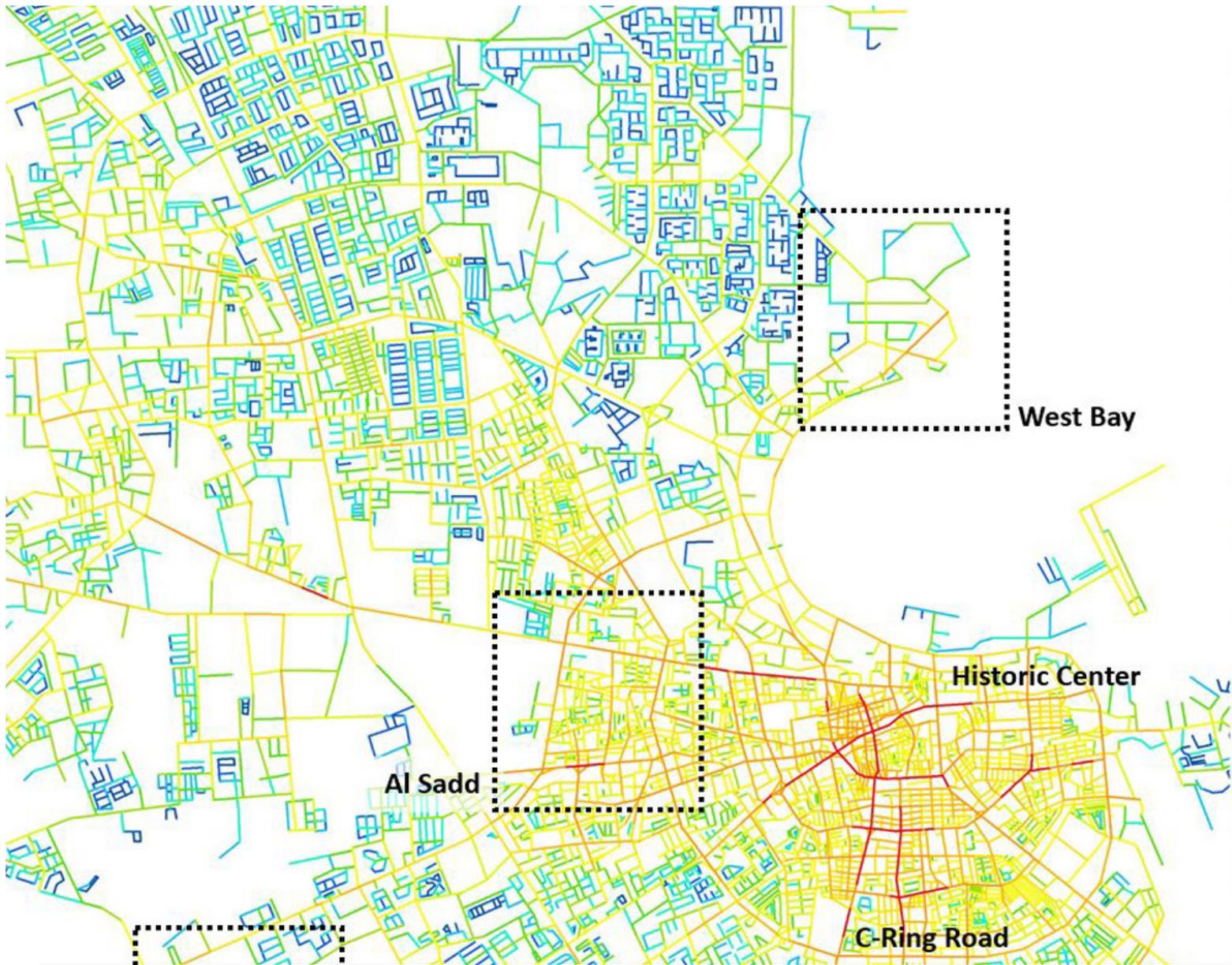
### **For all enquiries contact:**

architecture@strath.ac.uk

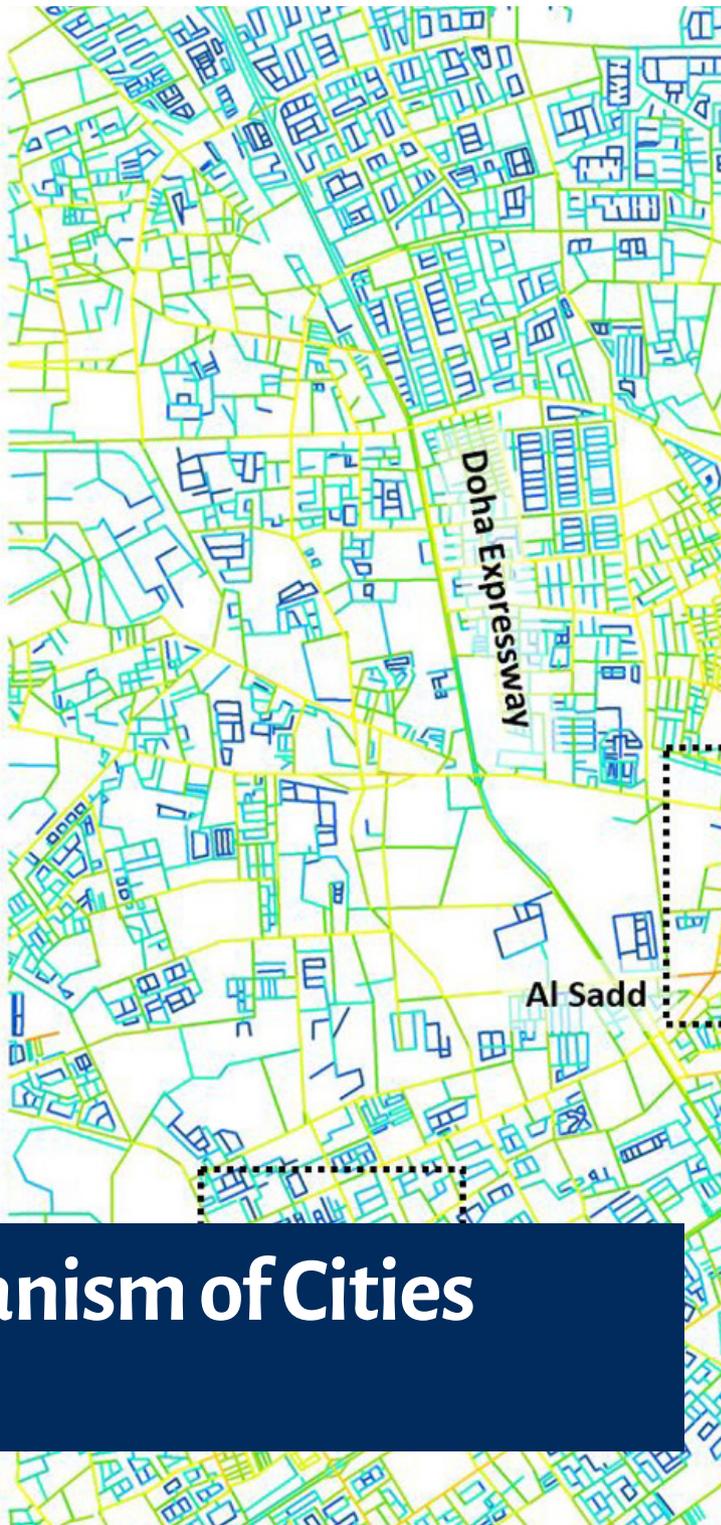
t: +44 (0) 141 548 3097

### **or visit CRAUCGS website:**

<https://www.strath.ac.uk/research/subjects/architecture/architectureurbanismintheglobalsouth/>



# Cluster for Research in Architecture & Urbanism in the Global South (CRAUCGS)



***“ Our mission is to research architectural and urban transformations, investigate societal and environmental challenges and opportunities, and interrogate the multitude of influences that characterise the global south. ”***

The Cluster for Research in Architecture and Urbanism of Cities in the Global South (CRAUCGS) at the University of Strathclyde includes research expertise in areas that encompass knowledge economy and sustainable urban qualities, socio-spatial practice of migrant and minority communities, lifestyle trends and housing transformations, cultural identity and image making, urban traditions and user-centred assessment, and architectural design pedagogy. Our goal is to develop quality research and to maximise impact through dissemination, research-led teaching, while influencing policy and decision-making.

We strive to respond to critical questions, central to the global south, on urban growth, continuity and fragmentation; sustainable urban qualities; regenerating historic cities; the quality of urban life, health and liveability; architectural identity and multiple modernities; and multiculturalism.

**To do research at CRAUCGS contact:**

Prof A. M. Salama: [ashraf.salama@strath.ac.uk](mailto:ashraf.salama@strath.ac.uk)

# RESEARCH AT CRAUCGS

## About us

The Cluster was established in 2014 by Prof Ashraf Salama to address architecture and urban transformations in the global south including Africa, Central and Latin America, most of Asia and the Middle East, and North Africa (MENA). In a short time, CRAUCGS has attracted researchers from various countries around the globe. Our research demonstrates the critical role of architects in urbanisation, city development, and shaping future environments. We have a trans-disciplinary ethos and engages in global partnerships.

## Our research interests

CRAUCGS places emphasis on generating research that is captured and disseminated in high quality outputs and KE activities. Our expertise is expanding, involving partnerships in Europe and the MENA region. We examine the sharp dichotomies within the global south where architectural and urban spectacles are developed in tandem with environmental degradation, ethnic and regional conflicts and displacements, political and economic instability, among other undecorated realities. Our research addresses the severe dualities of urban transformations and place production towards enhancing decision making and improving peoples' lives.

## We encourage PhD applications on a variety of topics

Addressing various scales of the built environment in the global south, CRAUCGS is interested in the following topics:

- Knowledge economies and sustainable urban qualities.
- Socio-spatial practice of migrant and minority communities.
- Lifestyle trends and housing transformations.
- Cultural identity, spectacles, and global city image.
- Urban traditions and user-centred assessment of designed environments.
- Architectural education and design pedagogy.

# KEY RESEARCH AREAS



## **Knowledge Economies & Sustainable Urbanism**

CRAUCGS develops and validates frameworks for investigating sustainable urban qualities in emerging knowledge economies focusing on major cities in the Gulf region.



## **Socio-Spatial Practices of Migrants & Minorities**

CRAUCGS investigates urban dynamics and socio-spatial experiences in relation to migrant and minority communities.

## **Lifestyle Trends & Housing Transformations**

CRAUCGS explores the relationship between lifestyles and housing choices, cultures and typologies, and the role of mega projects and affordability in rapidly urbanising contexts



## **Cultural Identity, Spectacles & Global City Image**

CRAUCGS studies architectural identities in the MENA region, attempting to understand the impact of flows and geo-cultural politics place typologies.

## **Urban Traditions & Designed Environments**

CRAUCGS examines urban traditions in the context of nationalist particularism and the modern state. Learning from traditions we assess urban open spaces from users' perspective.



## **Architectural Education & Design Pedagogy**

CRAUCGS develops dynamics for knowledge integration in design architecture pedagogy while testing transformative approaches into various learning settings.

# PHD TOPICS WE SUPERVISE



## Past PhD theses

*Housing formation and transformation in North African cities: The case of Tripoli, Libya*

Huyam Abudib

*Urban space in port cities of the eastern Mediterranean: The case of Alexandria, Egypt*

Amira Elsemellawy



*Socio-spatial practices of youth population in urban spaces in Accra, Ghana*

Kristijn van Riel



## Current PhD topics

- Quality of urban life in the Africa city: the cases of Lilongwe, Malawi and Lusaka, Zambia
- Place attachment in postcolonial neighbourhoods in Greater Cairo
- Social sustainability in residential environments in Al-Basra.
- Urban fragmentation and continuity of Saudi cities: the case Riyadh, KSA
- Collaborative urban governance for sustainable development in Dhaka
- Compact development for informal settlements in Cairo
- Spatial design parameters for Buddhist meditation in Thailand
- Rapid urban development in post-conflict contexts in Benghazi



## CRAUCGS Researchers

Our researchers study societal and environmental challenges and explore urban opportunities those challenges create in various contexts, including Accra, Ghana; Alexandria, Egypt; Dhaka, Bangladesh; Lilongwe, Malawi; Lusaka, Zambia; and Tripoli, Libya.



# INTERNATIONAL EVENTS & FORUMS

2018

**Communities for a Changing Population,  
Planning Aid Scotland, Glasgow, UK.**

*Embracing Social Innovation for Future Built  
Environment Professionals*

Ashraf M. Salama, Invited Speaker

**The City (Re) Shaped: Exploring the nexus  
between politics, memory, and urbanism in the  
built environment, Leeds, UK.**

*A Comprehensive Framework for Understanding  
Cities Shaping and (Re)Shaping Processes*

Ashraf M. Salama, Keynote Speaker

**2<sup>nd</sup> International Conference for Sustainable  
Design of the Built Environment, London, UK.**

*The Quest for Socio-Cultural Sustainability:  
Implications for Research and Education*

Ashraf M. Salama, Keynote Speaker

**Kuala Lumpur Architectural Festival, Malaysia**

*The Future of Architectural Education and Design  
Pedagogy in a Global Society*

Ashraf M. Salama, Keynote Speaker

2017

**Invited Lecture for KLABS at the University of  
Belgrade, Serbia**

*Sustainable Urbanism & Globalisation: Architectural  
& Urban Transformations in Emerging Cities*

Ashraf M. Salama, Invited Lecture

**Invited Lecture at Bilkent University, Ankara,  
Turkey**

*Contemporary Housing Transformations and Urban  
Dynamics on the Arabian Peninsula*

Ashraf M. Salama, Invited Lecture

**PLEA 2017 International Conference, Edinburgh,  
UK**

*Built Environment Education and Practice in a  
Changing World*

Ashraf M. Salama, Forum Chair 2016

2016

**Invited Lecture at the American University in  
Cairo, Egypt**

*Emerging Issues on Socio-Spatial Practice and the  
Everyday Environment*

Ashraf M. Salama, Invited Lecture

**Invited Lecture at the North-western  
Polytechnic University, Xi'an, China**

*Modernity – Identity in a World of Global Flows: The  
Case of the Arabian Peninsula*

Ashraf M. Salama, Invited Lecture

**International Conference on Contemporary  
Mosque Architecture, Dammam, Saudi Arabia**

*Persisting Inquiries: Interrogating Mosques  
Architecture in Western Cultures*

Ashraf M. Salama, Keynote Speaker

## International Events

CRAUCGS engages effectively in the international discourse about designing and planning in the global south through workshops, seminars, and public lectures. An example of a recent activity includes a series of invited seminars on architectural and urban transformations in the Global South, at the University Putra Malaysia, one of our strategic partners in South East Asia.



# KNOWLEDGE EXCHANGE

## **Consultancy**

CRAUCGS has experience to offer consultancy work and planning guidance to government agencies. Our research work is developed in collaboration with the Master planning teams, local authorities, and key real estate development enterprises in the cities of Abu-Dhabi, Cairo, Doha, Dubai, and is presented and debated with diverse types of stakeholders in the wider MENA region. We aspire to expand our reach in offering design guidance to various beneficiaries in other parts of the global south.

## **Teaching**

We firmly believe in research-led teaching and in incorporating knowledge generated from research findings in course materials. CARUCGS teaches cultural and behavioural factors in architecture and urbanism as they relate to the global south at the postgraduate level, contributes to urban design and cultural studies modules, and promotes and supervises UG dissertations, Master and PhD theses topics that address architectural and urban realities of the global south. Our researchers have collaborated in the development of a CPD on sustainable global cities for planning and architectural firms that seek consulting opportunities in the Gulf region.

## **Knowledge Dissemination and Exchange Events**

We are regularly invited to deliver lectures around the world as part of honorary visiting professorial appointments in Egypt, Qatar, and Malaysia. Since 2014, CRAUCGS has collaborated with colleagues of other units in the series of annual seminars, organised by the Department, on social innovation and resilience. The cluster has developed a network of international scholars through a series of special issues of refereed journals addressing the unique particularities of education and practice in the global south.

# Sustainable urbanism in emerging cities

CRAUCGS has developed and validated the triadic framework for examining urban qualities in emerging cities which identified a wide spectrum of factors related to three pillars: efficiency, diversity, and identity and the way in which they are interwoven to establish insights into the development of sustainable cities.



# RESEARCH GRANTS & PROJECTS



## **Re-Enterprising the 'Forgotten Villages of Greater Cairo'**

GCRF pump priming, Hunter Centre For Entrepreneurship, Innovation and Entrepreneurship, Strathclyde Business School



European Commission

## **Sustainable and Resilient Built Environment Knowledge Labs (KLABS)**

Erasmus+, European Commission, with 10 EU and Western Balkans HEI Partners



## **Investigating Housing Typologies in Multicultural Societies of the Gulf Region**

Qatar National Research Fund, Qatar Foundation, with Qatar University

## **Architecture and Urban Planning**

Erasmus+ KA107, with University of Belgrade



## **BC-SDBE: Building Capacity for Sustainable Development of the Built Environment**

Newton Fund, British Council Institutional Links Project, with University of East London



## **Characterisation of Architecture and Urbanism of Cities in the Global South and The Quality of Urban Life in Sub-Saharan African Cities**

Leadership Fund, University of Strathclyde



## **Fundamentalists and Other Modernisms: the Catalogue of the Pavilion of the Kingdom of Bahrain**

Venice Architecture Biennale-2014 and the Ministry of Culture, Manama, Bahrain

## Fundamentalists and Other Modernisms

The pavilion of the Kingdom of Bahrain at the 2014 Architecture Biennale offered a selection of a hundred Arab modernist buildings to articulate the impact of modernity on the Arab world. Our contribution included an elucidation of plurality of architectural trends, identities, and meanings.



# PUBLICATIONS BY RESEARCH AREA

## **Knowledge Economies & Sustainable Urbanism**

Salama, A. M., Wiedmann, F., Thierstein, A., & Al Ghatam, W. (2016). Knowledge economy as an initiator of sustainable urbanism in emerging metropolises. *ArchNet-IJAR: International Journal of Architectural Research*, 10(1), 274-324.

Salama, A. M., & Wiedmann, F. (2016). Fragmentation and continuity in Qatar's urbanism: towards a hub vision. In M. Evren Tok, et al. (eds.), *Policy-Making in a Transformative State: The Case of Qatar (155-177)*. Palgrave Macmillan, London, UK.

Wiedmann, F., Salama, A. M., & Mirincheva, V. (2014). Sustainable urban qualities in the emerging city of Doha. *Journal of Urbanism*, 7(1), 62-84.

Salama, A. M. & Wiedmann, F. (2013). *Demystifying Doha: On Architecture and Urbanism in an Emerging City*. Routledge, London, UK.

## **Socio-Spatial Practice of Migrant & Minority Communities**

Wiedmann, F., & Salama, A. M. (2019). *Building Migrant Cities in the Gulf: Urban Transformation in the Middle East*. Bloomsbury (I.B. Tauris Imprint), London, UK.

van Riel, K., & Salama, A. M. (2019). Using auto-photography to explore young people's belonging and exclusion in urban spaces in Accra, Ghana. *Open House International*, 44(1), 62-70.

Salama, A. M., Wiedmann, F., & Ibrahim, H. (2018). Migrant knowledge workers' perceptions of housing conditions in Gulf cities. *Journal of International Migration and Integration*, 19(1), 15-33.

Salama, A. M., Azzali, S., & Wiedmann, F. (2017). The everyday urban environment of migrant labourers in Gulf Cities: the case of the old centre of Doha, Qatar. *City, Territory and Architecture*, 4, [5].

Salama, A. M., & Wiedmann, F. (2016). Perceiving urban liveability in an emerging migrant city. *ICE - Urban Design and Planning*, 169(6), 268-278.

## **Lifestyle Trends & Housing Transformations**

Salama, A. M., Wiedmann, F., & Ibrahim, H. G. (2017). Lifestyle trends and housing typologies in emerging multicultural cities. *Journal of Architecture and Urbanism*, 41(4), 316-327.

Remali, A. M., Salama, A. M., Wiedmann, F., & Ibrahim, H. G. (2016). A chronological exploration of the evolution of housing typologies in Gulf cities. *City, Territory and Architecture*, 3(Article 14), 1-15. [14].

Abudib, H. H. (2016). Exploring contextual characteristics of traditional medinas in North Africa. *ArchNet-IJAR: International Journal of Architectural Research*, 10(1), 325-343.

Salama, A. M. (2015). A socio-anthropological approach for exploring housing culture in contemporary Cairo. In A. Picone (ed.), *Mediterranean housing cultures* (128-137). University Federico II, Napoli, Italy.

## **Cultural Identity, Spectacles & Global City Image**

Salama, A. M. (2016). Evolutionary interventions in search of national architectural identity. In L. Molinari, & I. Jaidah (eds.), *AEB 1966-2016: Fifty Years of Architectural Design in Qatar* (8-19). Skira, Milan, Italy.

Salama, A. M. (2014). A century of architecture in the Arabian Peninsula: evolving Isms and multiple architectural identities in a growing region. In G. Arbid (ed.), *Architecture from the Arab world (1914-2014): A Selection* (137-143). Venice Biennale, Italy.

Salama, A. (2013). Narrating Doha's contemporary architecture: the then, the now, the drama, the theater, and the performance. In J. L. Mateo, & K. Ivanisin (eds.), *Middle East: Landscape, City, Architecture* (94-101). Park Books, London, UK.

Salama, A. M. (2012). Architectural identity demystified: visual voices from the Arab world. In P. Emmons, J. Lomholt, & J. S. Hendrix (eds.), *The Cultural Role of Architecture: Contemporary and Historical Perspectives* (175-185). Routledge, London, UK.

## **Urban Traditions & Designed Environments**

MacLean, L., & Salama, A. M. (2019). Towards a context specific and multidimensional quality of urban life model. *Open House International*, 44(1), 25-33.

Salama, A. M., & Remali, A. M. (2018). Urban traditions in the midst of the Chinatown of Liverpool and the quasi-enclave of Glasgow. *Traditional Dwellings and Settlements, WP Series, UC-Berkeley*, 292, 1-22.



Shehab, N., & Salama, A. M. (2018). The spatiality of segregation: narratives from the everyday urban environment of Gothenburg and Glasgow. *ArchNet-IJAR: International Journal of Architectural Research*, 12(1), 71-90.

Salama, A. M. (2016). Nationalist particularism and levels of legitimizing architectural and urban traditions in four Gulf cities. *Traditional Dwellings and Settlements – WP Series, UC-Berkeley*, 272, 1-28.

Salama, A. M., & Azzali, S. (2015). Examining attributes of urban open spaces in Doha. *ICE - Urban Design and Planning*, 168(2), 75–87.

Salama, A. M. (2015). Urban traditions in the contemporary lived space of cities on the Arabian Peninsula. *Traditional Dwellings and Settlements Review*, 27(1), 21-39.

Preiser, W., Davis, A., Salama, A., & Hardy, A. (eds.) (2014). *Architecture Beyond Criticism: Expert Judgment and Performance Evaluation*. Routledge, London, UK.

## **Architectural Education and Design Pedagogy**

Salama, A. M. (2019). Reflections on architectural education of the Muslim world within a global world. *International Journal of Islamic Architecture*, 8(1), 33-41.

Salama, A. M. (2018). From the global south: pedagogical encounters in architecture. *Charrette: Journal of UK Association of Architectural Educators*, 5(1), 1-7.

Salama, A. M. (2018). Post-professional architecture and academia: foreword. In H. Sadri (Ed.), *Neoliberalism and the Architecture of the Post Professional Era* (pp. 271-277). Springer: Switzerland.

Salama, A. M., & MacLean, L. (2017). Integrating Appreciative Inquiry (AI) into architectural pedagogy. *Frontiers of Architectural Research*, 6(2), 169-182.

Salama, A. M. (2015). *Spatial Design Education: New Directions for Pedagogy in Architecture and Beyond*. Routledge, London, UK.

Salama, A. M. (2014). 'Liveness' beyond design studio pedagogy: layers of 'live' within and across the boundaries of classroom settings. *Proceedings of the 2<sup>nd</sup> Annual Conference of UK Association of Architectural Educators* (88-93), Sheffield, UK.



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