

Mamun Rashid

PhD M Arch B Arch ; Intl. Assoc. AIA; Licensed architect IAB

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- Current position: Assistant Professor (Sept 2012 - present)
Building Construction and Architectural Design
Architectural Engineering (AE), Faculty of Engineering,
University of Sharjah, United Arab Emirates (UAE)
- Previous positions: Doctoral Researcher (2004-2008)
Adjunct Academic
Faculty of the Built Environment
The University of New South Wales (UNSW), Sydney, Australia
- Lecturer/Assistant Professor (1994-2004)
Department of Architecture
Bangladesh University of Engineering and Technology (BUET)

Interests

Research interests

- Housing/Urban form, evolution & design
- Sustainable design & construction
- Vernacular architecture
- liveability and users

Teaching interests

Architectural design, Building Construction & Technology, Sustainable Design.

Professional Membership

Member AIA - American Institute of Architects, Int'l Assoc. AIA Number 38481103
Member ASHRAE -American Society of Heating, Refrigerating, and Air-Conditioning Engineers; ID 8284714
Member EGBC – Emirates Green Building Council; UAE.
Member ACI - American Concrete Institute; ACI Member #:1321169
Member AISC- American Institute of Steel Construction; AISC ID:3079004

Licensed architect (professional member), Institute of Architects, Bangladesh (IAB). Membership no. R-065. *Full membership is awarded to architects who have worked competently in a professional environment for more than two years.*

Education

Doctor of Philosophy, 2012, Built Environment / Architecture (PhD degree by research)
Faculty of the Built Environment,
The University of New South Wales (UNSW) , Sydney, NSW 2052, Australia
PhD Thesis title: Liveability and sustainable design in higher density inner urban housing in Sydney
Supervisors: Dr. Robert Samuels, UNSW, Australia
Professor Bruce Judd, UNSW, Australia

Master of Architecture, 2000 (M. Arch., Research 50% & theory courses 50%)
Department of Architecture, BUET, Dhaka, Bangladesh
M. Arch thesis title : Contemporary walk-up house form in Dhaka: study of its evolution

Bachelor of Architecture, 1993 (B. Arch., 5 year professional program)
Department of Architecture, Bangladesh University of Engineering and Technology (BUET),
Dhaka, Bangladesh. 1st class [performance. Top 4th position]
Thesis - design project : Civic Center –Rajshahi. B.Arch final year design project was exhibited as one of the top design projects.

Awards & Distinctions

Awarded the prestigious 'New South Global Scholarship, 2004' along with International postgraduate research scholarship (IPRS) from FBE, UNSW, Sydney for PhD candidature. The Faculty of the Built Environment awarded NSGS at a formal award ceremony—held for honouring outstanding students with academic excellence. The award amount equals to 49000 Aus \$ per annum (25927 \$ + international student tuition fee 24480 \$). Refer to Annual Awards Ceremony 2004 at UNSW,

http://www.fbe.unsw.edu.au/alumni_new/annualawards/2004/. For details on annual postgraduate international fees refer to, <http://www.grs.unsw.edu.au/futurestudents/fees.html>.

Bachelor of Architecture, thesis design project 'Civic Center- Rajshahi' was exhibited as one of the 12 best projects of 1993 at the National Arts Academy (Shilpakala Academy, Dhaka).

Won Institute of Architects Bangladesh (IAB), organized national level design competition for Uttara Club Complex. Was part of three-member design team from Consulting Options Ltd. Developed Design concept and prepared literary review on physical design & concept of the proposed complex design.

Awarded for making significant contribution to a research group at UNSW—'Urban & Cultural studies'. However, as my research was multidisciplinary, had yearly reviews (doctoral research presentations) in both 'Environment & Sustainability' and 'Urban & Cultural Studies' group.

Grants Received & Courses Completed

SIDA (Swedish International Development Cooperation Agency) grant for the course 'Housing and Development' organized by the Department of Housing Development & Management (HDM), Lund University, Sweden, Duration 18 May, 2002 to 10 June 2002.

Course completed on tensile member structures, 11 to 14 February 2001, at BUET Dhaka. Dr. Ing. Robert Off, (Director, Institute for Membrane and Shell Technologies, Germany) conducted the course.

Funding received for competitive research project, 2015-17 (15020404006) from the University research Board (URB), University of Sharjah. The project title: '*Assessment of 'consolidated' residential block design: A critical investigation into spatiality and technology*'. Fund amount 60,000 UAE Dirhams. Principal Investigator (PI); Collaboration with UAE Univ.

Funding received for competitive research project, 2016-17 (1602040451) from the University research Board (URB), University of Sharjah. The project title: '*Harnessing the wind power in generation of clean energy in the cities of UAE: Maximising the impact of urban settings on Building Integrated Wind Turbine (BIWT)*'; 2016-18; . Fund amount 80,000 UAE Dirhams; Principal Investigator (PI); University Research Board (URB), University of Sharjah; Collaboration with Heriot-Watt University & UAE Univ.

Implication of Building Information Modelling (BIM) in existing buildings' lifecycle (LC) stages: A case study research into an institutional complex; 2016-18; 80,000 Under review; Co- PI; University Research Board (URB), University of Sharjah Collaboration with Arabtec (a leading construction company in the UAE).

Summer Research Fund for academics working during summer break. Fund amount 25000 UAE Dirhams.

Publications (Journal / Conference Proceeding /Presentation)

Recent Journal Papers (since joining UOS, 2012):

Rashid, M., & Ara, D. 2015, 'Breathing Spaces in Inner Urban Neighbourhoods in Sydney: The Impact of Sustainable Open Spaces', in *The International Journal Of Environmental Sustainability*. Volume 10, Issue 2, July 2015, pp.1-13. (Commongroundpublishing, USA)

Rashid, Mamun, and Dilshad Rahat Ara. 2015. Modernity in tradition: Reflections on building design and technology in the Asian vernacular. *Frontiers of Architectural Research* 4 (1):46-55. ISSN 2095-2635, <http://dx.doi.org/10.1016/j.foar.2014.11.001>. (Elsevier)

Rashid, M., & Ara, D. 2015, Designed outdoor spaces and greenery in an inner city area: A case study from Sydney, in *Landscape Research*. Volume 40, Issue 7, 2015, DOI: 10.1080/01426397.2015.1051523. (Taylor & Francis/Routledge)

Ara, Dilshad, & Rashid, M. 2015, 'Urban-vernacular' walk-ups: Mapping form, spaces and technology in an urban private housing typology in Dhaka' in *Journal of Urban Regeneration & Renewal*. Volume 9 Number 1; Autumn/Fall 2015. ISSN 1752-9638. (Henry Stewart Publications, UK)

Ara, D., & Rashid, M. 2016, 'Between the built and the unbuilt in vernacular studies: the architecture of the Mru of the Chittagong Hills', in *The Journal of Architecture*. Vol. 21, Issue. 1, 2016. DOI:10.1080/13602365.2015.1137620, (Taylor & Francis/Routledge)

Ara, Dilshad, & Rashid, M. 2016, 'Creative Mappings: Tracking local dwelling changes in the Chittagong Hills: perspectives on vernacular architecture', *Journal of Cultural Geography*, Volume 33, Issue 2, 2016, DOI:10.1080/08873631.2016.1159020, (Taylor & Francis/Routledge).

Journal Papers:

Ara, D., & Rashid, M. 2007, 'The Thin Line between Tradition and Modernity: The Poetics of Vernacular Dwellings of Chittagong Hill Tracts', *Protibesh: Environment, Journal of the Department of Architecture*, vol 11 (2), pp. 5-15. ISSN: 1812-8068

Ara, D., & Rashid, M. 2003, 'Rediscovering the vernacular architecture of the hill people: the Mru house of the Chittagong Hill Tracts', *Journal of the Asiatic Society of Bangladesh*, Hum., 48(1), pp .171-188. ISSN: 1015-6836

Conference paper:

- Rashid, M., & Ara, D. 2009, "Where is the sustainable buzz? : Design and liveability of higher density urban housing in inner Sydney", in Stephen Loo, Gregory Nolan, Sabrina Sequeira, Florence Soriano (eds), *Performative Ecologies in the Built Environment: Sustainability Research Across Disciplines: 43rd Annual Conference of the Australian and New Zealand Architectural Science Association*, Launceston: 2009. (Refereed conference paper)
- Rashid, M. 2007, 'Diversity in Housing: Reassessing the medium-density house forms of Sydney', in *Housing and Globalisation, APNHR (the Asia-Pacific Network for Housing Research) Conference*, Kobe: 2005.
- Rashid, M. 2007, 'Users' – Architects' viewpoint: A basis for reinvestigation of urban multifamily housing forms (Sydney)', in *18 Commonwealth Association of Architects [CAA] Conference 2006*. [Published by Commonwealth Association of Architects & Institute of Architects Bangladesh (IAB), in *Society Architects and Emerging Issues*, Dhaka, April 2007]
- Rashid, M. 2005, "Reassessing 'people and residential environment': socio-spatial aspects of built forms", in *Fabricating Sustainability, 39th Annual Conference of the Architectural Science Association*, Wellington: 2005. (Refereed conference paper)
- Rashid, M. 2005, "Socio-spatial aspects of built forms: an interface of 'people and residential environment'", in Roberta Julian, Reannan Rottier and Rob White (eds), *Community, Place, Change - The Australian Sociological Association (TASA) 2005*, Sandy Bay: 2005. (Refereed conference paper)
- Ara, D., & Rashid, M. 2003, 'Learning from Non-Pedigreed Architects: Tribal Houses of Chittagong Hill Tracts, Bangladesh', Z N Ahmed, K M Maniruzzaman & R Hafiz [eds], *Architecture Overcoming Constraints* [proceedings of the International Seminar at BUET, 2003], Dhaka, pp 9-16.
- Rashid, M. 2002, 'Housing at Uttara Model Town: An Analysis and exploring ways to tackle the housing problem of Middle class', Housing and Development (HDM), *Advanced International Training Programme - 2002*, Lund University, Lund, Sweden.
(<http://www.hdm.lth.se/TRAINING/Postgrad/HD/papers/2002/index.htm>)
- Rashid, M., & Chowdhury, B. 1996, 'Dhaka City - The Impact of colonial Development Vis-a-vis the Coeval Urban Milieu', Department of Architecture, *Future of the Past: Architectural Heritage of Dhaka*, proceedings of the International Seminar, at BUET on Jan 13-14, 1996.

Review Work / Editorial Positions

PhD Reviewer, 2016, School of Engineering, University of Melbourne, Australia. Nominated to examine a student's PhD thesis (Based on my research record and publication). The Principal Supervisor is Prof. Mark Wang and the Chair of Examiners is A/Prof. Nelson Lam. School of Engineering ; School of Infrastructure Engineering; Department of resource management and Geography. University of Melbourne. Australia.

Reviewer, 2015, Habitat International, Elsevier.

Associate Editor, Vol 8, 2014, The International Journal of Sustainability Policy and Practice.

Reviewer, ANZAScA 2011, Australian and NZ Architectural Science Association, 45th Annual Conference, Faculty of Architecture, Design and Planning , University of Sydney.

Reviewer, EPR 2012, International Seminar on Architecture: Education, Practice and Research, Department of Architecture, Bangladesh University of Engineering & Technology (BUET).

Reviewer, ANZAScA 2009, Australia and New Zealand Architectural Science Association 43rd Annual Conference, Launceston, Tasmania, School of Architecture & Design, University of Tasmania.

Reviewed papers for ANZAScA 2008, Australia and New Zealand Architectural Science Association 42nd Annual Conference, School of Architecture & Built Environment, University of Newcastle.

Reviewed papers for Editors, Protibesh, 2007, Journal of the Department of Architecture, Bangladesh University of Engineering & Technology (BUET).

Member of Technical committee - Architecture: Overcoming Constraints, International Seminar, Department of Architecture, BUET. Dhaka, June 12-13, 2003.

Member, Editorial Team, EARTH, 1996-- An independent journal on Environment, Settlement, and Design issues based in the Department Of Architecture, BUET.

Teaching Experience

2012 – Ongoing: Architectural Engineering, University of Sharjah, UAE

2004 - 2008: UNSW, Sydney, Australia

1994 – 2003: Lecturer & Assistant Professor at BUET. (1994 - 2003)

Administrative/Service Activity

AE, College of Engineering, University of Sharjah (2012 - present)