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Education

PhD, Environment and Energy Studies Program, Architectural Association Graduate School, London, 1994
MPhil, Housing studies, University of Newcastle upon Tyne, UK. 1987 (commonwealth scholar)
B. Arch. Bangladesh University of Engineering and Technology, Dhaka. 1983

Employment

Founder Chairperson and Professor, Department of Architecture, BRAC University. 2002- date
Author of the curriculum for Bachelor of Architecture degree. Responsible for the coordination of all teaching and research activities. Teaching senior level design studio courses and lecture courses on environment and architecture..

Founder Director, Post Graduate Programs in Disaster Management, BRAC University. 2005- date
Set up the first academic program in disaster management in the region. Supervision of research students.
Conduct and supervise research on design and construction of disaster resilient habitat.

Associate Professor, Faculty of Architecture, Eastern Mediterranean University, North Cyprus. 1999-2001

Associate Professor, Faculty of Architecture, Bangladesh University of Engineering and Technology. 1997-1999

Assistant Professor, Faculty of Architecture, Bangladesh University of Engineering and Technology. 1990-1997

Lecturer, Faculty of Architecture, Bangladesh University of Engineering and Technology. 1988-1990

Professional experience.

Partner, Architekton (pvt) Ltd. A design consulting firm. Involved in the design of a wide variety of building projects, including the award winning Bangladesh Chancery Building, New Delhi.

Editorial Board member

Asian Journal of Environment and Disaster Management. Singapore

Urban Risk. Dhaka

Time Based Architecture. UK

Open House International. UK

Vice president, Asian Universities Network for Environment and Disaster Management
Technical reviewer, Aga Khan Award for Architecture, 2010

Current Research

Climate Change and Urban Poverty, with the Brooks World Poverty Institute (BWPI), Manchester University, BRAC Development Institute

Spaces and Houses of the Ultra Poor. with the Research and Evaluation Division (RED) of BRAC.

Disaster and Climate Resilient Habitat Design, UNDP sponsored action research with BRAC

Publications (selected)

Climate Change induced Hazards, Sectoral Impacts and Adaptation Processes in Bangladesh: an Overview (with Aminur Rahman and Tawhidul Islam) in Climate Change Adaptation and Disaster Risk Reduction. Emerald Publishers. 2010

Indigenous Knowledge of Flood Risk Management in Bangladesh (with Md. Aminur Rahman) in Indigenous Knowledge and Disaster Risk Reduction: From Practice to Policy (Shaw, Sharma and Takeuchi eds.) NOVA Publisher.USA. 2009

Disaster Management and Development in Bangladesh: The Education Perspective (with Md. Aminur Rahman). Asian Journal of Environment and Disaster Management. Research Publications, Singapore. Volume I ,Issue I. June 2009

Cyclone Shelters and Alternatives for Sustained Development in Bangladesh Inaugural Issue of Journal of South Asia Disaster Studies. SAARC Disaster Management Center. New Delhi. November 2008

In Search for a Habitable Urban Space-Built Ratio: A Case Study of Building and Planning Regulation in Dhaka City (with Mahtab-uz-Zaman Q M, Abdullah A Q M and Ahmad J in Bay J H and Ong B L (eds.), Tropical Sustainable Architecture: Social and Environmental Dimensions, Architectural Press, Elsevier, UK. 2008

Cultural And Environmental Values in the arcaded Mesoorian houses of Cyprus (with Ozgur Dincyurek and Ibrahim Numan) Building and Environment Vol. 38 Issue 12 December 2003.

Comfortability in Urban Houses in the Tropics. In Sustaining the Future Energy-Ecology-Architecture, Szokolay S. (ed.), Proceedings of the PLEA'99 Conference, Brisbane (Sept.22-24), Volume1, (refereed papers)

Thermal Comfort and Building Design in Tropical Climates. Energy and Buildings. Vol ENB023/3. Elsevier Science S.A. Laussane. pp 161-167

Living Below the Line: Sustainability and the houses of the ultra poor (with Khondaker Hasibul Kabir) Paper at PLEA 2005 Conference Beirut November 2005.

Learning from Tradition; Aspects of Comfort and Habitability in the Mud Houses of Bangladesh. Sustainable Communities and Architecture - Bioclimatic Design in Cold Climates. (Proceedings of the 14th international conference on Passive and Low Energy Architecture). Kushiro. Japan 1997.pp263-268

Alternative roof insulation possibilities for modern urban structures in Bangladesh. Solar Energy and Architecture. Foster and Herzog (eds) : Proceedings of the Third European Conference on Architecture. Florence May 1993