

## Dr. Md. Nadiruzzaman

Assistant Professor, Department of Environmental Management, Independent University, Bangladesh (IUB), 16 Aftabuddin Ahmed Road, Bashundhara, Dhaka 1212, Bangladesh.

### Contacts:

Email: nadir@iub.edu.bd;  
M.Nadiruzzaman@dunelm.org.uk;  
Skype: shabuj\_shewly  
Mobile: +8801770011819



### KEY SKILLS AND EXPERIENCES

- ✓ **Research-Policy Linkages:** Received substantial academic and professional training on social research. Involved with numerous academic and professional research activities, which includes both qualitative and quantitative approaches. Research, information and advisory work on the role of research and action-based evidence on policy processes.
- ✓ **Disaster, Climate Change and Development:** my work focuses are very much around the intersection of development agencies and academic institutions. I have worked in several multidisciplinary and large collaborative projects on disaster, climate change and development, including applied development approaches and models to promote sustainable services and resources for poor and marginalised communities.
- ✓ **Capacity Building:** My capacity building skills and experiences are also obtained at cross-institutional level. I taught at undergraduate and postgraduate level, both in Bangladesh and in the UK. Besides, I have also been involved in training at professional level. I have delivered several invited lectures at national and international level for university students and professional groups.

### EDUCATION

- ✓ **PhD in Human Geography.** 2013. Durham University, UK. Title: Cyclone Sidr and Its Aftermath: Everyday Life, Power and Marginality.
- ✓ **MA by Research in Human Geography.** 2008. Durham University, UK. Title: Rural Local Government and State Politics in Bangladesh.
- ✓ **MSc in Geography and Environment (Thesis Group).** 2002. 1st class 2nd position. Jahangirnagar University, Bangladesh.
- ✓ **BSc Honours in Geography and Environment.** 2000. 1st class 1st position. Jahangirnagar University, Bangladesh.

### EXPERIENCE IN THE ACADEMIA

*February 2017 – present and February 2014 – June 2014, Assistant Professor* Department of Environmental Management, Independent University – Bangladesh (IUB)

- ✓ I teach both at undergraduate and postgraduate level and my teaching interests are around Research Methodology, Disaster Management, Climate Change and Development, Livelihood Resilience, Natural Resources Management. My teaching role also involves administering exams, evaluating scripts, and supervising postgraduate level researches.
- ✓ Apart from teaching I also engage myself in research biddings, research collaborations, understanding ongoing development activities.
- ✓ I present my research output in international conferences and publish academic papers from my research.

- July 2014 – present, Associate Research Fellow (ESPA-Deltas) Geography, College of Life and Environmental Sciences, University of Exeter, UK.
- ✓ This is a post-doctoral research fellowship funded by Research Council UK (RCUK). This research is looking into spatial and temporal dynamics of ecosystem services use in recovery from disaster affects in Bangladesh.
  - ✓ This project engages in ethnographic research and collaborates with a large multi-disciplinary research, known as Ecosystem Services for Poverty Alleviation in Deltas (ESPA-Deltas).
  - ✓ Deliverables in progress: 1. Working paper on Disaster, Ecosystem Services and Gender; 2. Journal article on Sense of Place and Post-Sidr Recovery in the Southern Coast of Bangladesh; 3. Journal article on Use of Ecosystem Services in Disaster Recovery in Bangladesh; and 4. Policy Brief on Trade-offs between Ecosystem Services and Recovery in a Post-Sidr Context.
- March 2013 – February 2014, Project Manager – Gibika (Livelihoods) International Centre for Climate Change and Development (ICCCAD), Bangladesh
- Gibika (Livelihoods) is a science-to-action research partnership between United Nations University – Environment and Human Security (UNU-EHS), Munich Re Foundation (MRF) and ICCCAD (<http://www.ehs.unu.edu/article/read/gibika>).
- ✓ This position had the role of principal investigator, which involves designing the research, selecting field sites, finalising and implementing research activities, supervising research assistants, coordinating with counterparts, budget management, analysing and reporting findings and so on.
- October 2008 – January 2013, Tutor (Part time) Department of Geography, University of Durham, UK
- ✓ Courses - Social Risks for Population Health, MA in Risks. Module Convenor: Professor Sarah Curtis, (Email: [s.e.curtis@durham.ac.uk](mailto:s.e.curtis@durham.ac.uk)) and Human Geography – Space and Place in a Changing World, Undergraduate level 1. Module Convenor: Dr Ann Le Mare, (Email: [ann.lemare@durham.ac.uk](mailto:ann.lemare@durham.ac.uk)).

## RESEARCH GRANTS

- ✓ 2014-16: Principal Investigator, ESPA-Deltas Capacity Development Fellowship - £100,000 (Jointly funded by DFID, ESRC and NERC, Ref.: <http://www.espa.ac.uk/projects/fell-2014-106>).
- ✓ March 2013 – present, Joint Principal Investigator, Mobile Data, Environmental Extremes and Population Movements (MDEEP), in collaboration with UNU-EHS, Flowminders and Telenor Group. (Ref.: <http://www.icccad.net/mdeep/>) Rockefeller Foundation, US\$50,000; UK-ESRC, US\$16,500
- ✓ 2008-2011: Obtained the Christopher Moyes Memorial Foundation Fellowship through the IHRR to pursue a PhD (Ref: <http://www.moyesfoundation.org/>). (£75,000)
- ✓ 2012: Obtained several small grants, namely, Charles Wallace Bangladesh Trust (£1000), Departmental Conference Grants (£300\*3), Sidney Perry Foundation Scholarship (£1500), Hammond Trust Grants (£1500) and Muslim Aid Academic Grant (£500).

## PUBLISHED ARTICLES IN PEER REVIEWED JOURNALS

- ✓ Lu, X., Wrathall, D., Sundsøy, P.R., **Nadiruzzaman, M.**, Wetter, E., Iqbal, A., Qureshi, T., Tatem, A., Canright, G., Engø-Monsen, K., and Bengtsson, L. 2016. Detecting climate adaptation with mobile network data in Bangladesh: anomalies in communication, mobility and consumption patterns during cyclone Mahasen, *Climate Change*. DOI: 10.1007/s10584-016-1753-7
- ✓ Lu, X., Wrathall, D., Sundsøy, P.R., **Nadiruzzaman, M.**, Wetter, E., Iqbal, A., Qureshi, T., Tatem, A., Canright, G., Engø-Monsen, K., and Bengtsson, L. 2016. Unveiling Hidden Migration and Mobility Patterns in Climate Stressed Regions: A Longitudinal Study of Six Million Anonymous Mobile Phone Users in Bangladesh, *Global Environmental Change*, 38: 1-7. DOI: 10.1016/j.gloenvcha.2016.02.002

- ✓ **Nadiruzzaman, M.** and Wrathall, D. 2015. Participatory Exclusion – Cyclone Sidr and Its Aftermath, *Geoforum*, 64: 196-204. DOI: 10.1016/j.geoforum.2015.06.026
- ✓ Tanner, T. Lewis, D., Wrathall, D., Bronen, R., Cradock-Henry, N., Huq, S., Lawless, C., Nawrotzki, R., Prasad, V., Rahman, M.A., Alaniz, R., King, K., McNamara, K., **Nadiruzzaman, M.**, Henry-Shepard, S. and Thomalla, F. 2015. Livelihood Resilience in the Face of Climate Change, *Nature Climate Change*, vol I: 23-26. DOI:10.1038/nclimate2431
- ✓ **Nadiruzzaman, M** and Paul, BK. 2013. Post-Sidr Public Housing Assistance in Bangladesh: A Case Study, *Environmental Hazards*, 12 (2): 166-179. DOI: 10.1080/17477891.2012.759523
- ✓ Paul, BK and **Nadiruzzaman, M.** 2013. Religious Interpretations for the Causes of the 2004 Indian Ocean Tsunami, *Asian Profile*, 41 (1): 67-77.

## ACCEPTED ABSTRACTS

- ✓ Shewly, HJ and **Nadiruzzaman, M.** (due in 2017) Invisible journeys across India-Bangladesh Borders & Bubbles of Illicit Networks: stories of cross-border rural-urban migration and economic linkages, in F Chiodelli, T Hall and R Hudson edited, *Corrupt Places: The Illicit in the Governance and Development of Cities and Regions*, Proposal to Routledge (Regions and Cities book series)
- ✓ **Nadiruzzaman, M.** 2016. Post-Sidr Scenario and Forest Conservation in the Sundarbans: Whose Knowledge Counts?, in the symposium group, titled, A brave new world: integrating wellbeing and justice in conservation, in the Annual Meeting of the Association for the Tropical Biology and Conservation, dated 19-23 June 2016.

## PUBLISHED REPORTS AND MAGAZINE ARTICLES

- ✓ Stott, C and **Nadiruzzaman, M.** 2014. Disaster Risk Reduction in Dhaka City: From urban landscape analysis to opportunities for DRR integration. World Vision International, Asia Pacific Team, Bangkok, Thailand.
- ✓ **Nadiruzzaman, M.** 2012. ‘Surviving the Storm: Rebuilding After Cyclone Sidr in Bangladesh’, *Hazard Risk Resilience*, IHRR Magazine, Durham University, 1 (1): 26-29.
- ✓ **Nadiruzzaman, M.** 2011. ‘Sidr – What Have We Learnt?’, *Tiempo*, 78: 17-19.

## RECENT CONFERENCE PAPERS

- ✓ **Nadiruzzaman, M.** 2015. ‘Ecosystem Services, Sense of Place and Migration: Experiences from Coastal Region of Bangladesh’, *Human Migration and the Environment: Futures, Politics, Invention*. Durham University, UK.
- ✓ **Nadiruzzaman, M.** 2013. ‘Mobile Data, Environmental Extremes and Population Movements’, *The Water-Energy-Food Security Nexus Lecture Series*, Institute of Geography, University of Cologne, Germany.
- ✓ **Nadiruzzaman, M.** 2013. ‘Environmental Change, Protection and Displacements: Contested Knowledge and Voices of the Survivors’, *SANSaC Regional Climate Change Expert Roundtable*, Kathmandu, Nepal.

## WORK EXPERIENCE IN DEVELOPMENT SECTOR

- August 2016 – February 2017,*  
*Director – Learning, Research and Knowledge Management*
- Nobo Jatra Program, World Vision Bangladesh
  - ✓ Lead and design a comprehensive knowledge management and dissemination strategy for Nobo Jatra Program.
  - ✓ Work closely with the consortium members to enhance quality and timely reporting
  - ✓ Work closely with the M&E Manager to align data collection and analysis with learning outcomes

- ✓ Ensure dissemination through presenting in international seminars, publishing in high-impact academic journals and popular public media, such as newspapers, magazines and online blogs.
- August 2007 – September 2008, Mental Health Advocate*
- Mind in Tower Hamlets (MITH), London, UK
- ✓ Listening to the patients, identifying their needs and helping them as per their instruction;
  - ✓ Providing information about different services which the patients/clients want to access to; and
  - ✓ Helping the patients to reflect their views in ward rounds and other care services.
- January 2004 – August 2005, Technical Officer – Monitoring*
- Rural Maintenance Program (RMP), CARE International, Bangladesh
- ✓ Planning and implementation of monitoring activities in the field office operational area;
  - ✓ Ensuring quality monitoring, data processing, analysis and reporting;
  - ✓ Participate in different study and evaluation and contribute in monitoring strategy and tools development;
  - ✓ Management and staff development; and
  - ✓ Participate in other CARE Bangladesh mission and RMP initiatives.
- March 2003 – January 2004, Assistant Coordinator – Monitoring, Evaluation and Research*
- Centre for Disability in Development (CDD), Bangladesh
- ✓ Planning and implementation of monitoring activities of CDD partners;
  - ✓ Assuring quality monitoring, data processing, analysis and reporting;
  - ✓ Participate in different study and evaluation and contribute in monitoring strategy and tools development; and
  - ✓ Prepare session plan and conduct monitoring and evaluation related training.

## **CONSULTANCY EXPERIENCES**

- ✓ 06 June 2016 (30 days), Lead Consultant, Baseline study using SenseMaker for MUKTI – II, a Catholic Relief Services (CRS) funded disaster resilience building project at Monpura island, Bhola, Bangladesh.
- ✓ 08 – 18 Jun 2014, Climate Change Specialist in National Urban Poverty Reduction Plan for DFID Bangladesh. I worked as a member of a team of consultants to design an urban development programme for DFID Bangladesh. I specific role was to help designing the climate change component of it.
- ✓ May 2014, Lead Consultant, Impact of Cyclone Mahasen on Children and their Education, Save the Children Australia, Melbourne.
- ✓ Jul '13 – Feb '14, Lead Consultant, Study on the DRR-CCA Landscape of Dhaka, Asia Pacific Community Resilience Project World Vision Asia Pacific Region Office, Bangkok. Our report has been published by the World Vision and is a highly viewed item in the academia.edu.
- ✓ May – August 2013, International Theme Leader – Disaster Risk Management, Action Research for Climate Change Adaptation in Bangladesh (ARCAB). [www.arcab.org](http://www.arcab.org). I have led a campaign of Child Inclusive Climate Smart Disaster Risk Management (CICS DRM) and presented that in the 4th Divisional Conference on Community Based Adaptation on 22nd August 2013.

## **PROFESSIONAL TRAINING**

- ✓ 13-17/06/2016: Training for Trainers on using SenseMaker, Catholic Relief Services (CRS), Dili, Timor-Leste.
- ✓ 19-20/01/2016: Advanced ArcGIS 10.2, GeoData Centre, University of Southampton, UK.
- ✓ 06-07/01/2016: Introduction to ArcGIS 10.2, GeoData Centre, University of Southampton, UK.

- ✓ 24-28/09/2012: Introduction to Applied Quantitative Data Analysis for the Social Sciences and Humanities, Durham University.
- ✓ 14-25/05/2012: Pathways to Sustainability, STEPS Centre, Sussex University. (Awarded £700 as a scholarship to attend the summer school)
- ✓ 07-08/10/2010: Teaching Induction for Postgraduates: Preparing to Teach - Assessment in the Arts and Humanities, Durham University
- ✓ 30/06/2009: Writing Funding Applications, Durham University.

## **OTHER PROFESSIONAL AFFILIATIONS**

- ✓ January 2013 – January 2015, Honorary Fellow (Research Collaborator) at the Institute of Hazard, Risk and Resilience (IHRR), Durham University, UK.
- ✓ 03-18 October 2013, Visiting Research Scientist, United Nations University – Environment and Human Security (UNU-EHS), Bonn, Germany.
- ✓ March 2014 – present, Project Manager – MDEEP (Mobile Data, Environmental Extremes and Population Movements), ICCCAD, Dhaka, Bangladesh (<http://www.icccad.net/mdeep/>).
- ✓ March 2016 – present, Affiliate – Flowminder Foundation, Stockholm, Sweden (<http://www.flowminder.org/people/mohammed-nadiruzzaman>).

## **PROFESSIONAL LEADERSHIPS**

- ✓ 2013 – Resilience Academy: being the Project Manager of Gibika, I co-organised the first summer academy in Dhaka where 33 experts from 22 countries have attended this week-long event.
- ✓ 2010-11 – organised a postgraduate-led seminar series, titled, ‘By Postgrads, For Postgrads’, run through the academic year. Advanced level postgraduate researchers shared their experiences to help myriad research queries of the beginners.
- ✓ 2012 – co-organised a seminar series, titled, ‘Researching in the Global South’, where advanced level PhD researchers have discussed about practicalities of research in the Global South.
- ✓ 2004-05 – Received Significantly Accede Requirement (SER) in the annual evaluation of the CARE International-Bangladesh for 2004-05

## **KEY RESEARCH IMPACTS**

- ✓ At the end of my PhD fieldwork (April 2010), I presented my field data on fishing net dispute in the local press club in presence of local administrators, politicians, journalists and fishermen. This news was covered in several local and national level dailies. Eventually, common fishermen’s voices were heard.
- ✓ MDEEP (Mobile Data, Environmental Extremes and Population Movements) is been cited in the Global Humanitarian Report 2014 (page 40-41) for its huge potentials in DRR and innovation.
- ✓ My research has been viewed more than 800 times in researchgate and about 2200 times in the academia.edu. My Geoforum paper (Participatory Exclusion) is been viewed more than 700 times from the journal page in the first six months