

Dr. Shaikh Mehdee Mohammad

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Education

PhD, Department of Geography and Environmental Sciences, Northumbria University, Newcastle-upon-Tyne, UK | 2016

Title of PhD Thesis: **Adaptation to Climate Change through Disaster Risk Reduction in Bangladesh: Community Engagement in Local Level Intervention**

Principal Supervisor: Professor Andrew E. Collins

MSc in Disaster Management and Sustainable Development, Northumbria University, Newcastle-upon-Tyne, UK | 2009 Result: Commendation (66%)

Title of MSc Dissertation: *People's Vulnerability and Adaptations to Floods: A Study on the Char-dwellers of the Jamuna River in Bangladesh* (Supervisor: Professor Andrew E. Collins)

MSc in Geography and Environment (Thesis Group), Jahangirnagar University, Dhaka, Bangladesh | 2000 Result: First Class 5th position (62%)

Title of MSc Thesis: *Process and Impact of Deforestation of Sal Forest: A Case Study of Two Mauzas in Biral Upazila* (Supervisor: Professor AKM Azizul Haque Bhuiyan)

BSc (Honours) in Geography and Environment, Jahangirnagar University, Dhaka, Bangladesh | 1999 Result: Second Class 6th position (59%)

Awards, Fellowship and Scholarship

APO-CIRDAP Fund, International Workshop on Agricultural Insurance Systems, Manila, Philippines | 2016

IRG-Project Fund, The 2014 Summer Institute of Disaster and Risk Research, Beijing Normal University, Beijing, China | 2014

Northumbria PGR Bursary, The 2014 Summer Institute of Disaster and Risk Research, Beijing Normal University, Beijing, China | 2014

ANDROID Residential Doctoral School (RDS) Scholarship, Disaster Resilience Workshop, Limassol, Cyprus | 2013

Northumbria PGR Bursary, 4th UNISDR Global Platform Meeting, Geneva, Switzerland | 2013

Conference Award, International Conference on Global Change and Resilience, Mendel University, Brno, The Czech Republic | 2013

DeLPHE Project Conference Award, International Conference on Disaster Education and Community Resilience, Bindura University, Zimbabwe | 2013

Seminar Travel Award, International Seminar on Climate Change and Sustainable Development, Maharaja Sayajirao University of Baroda, Gujarat, India | 2013

Northumbria PGR Bursary, Dealing with Disasters Conference 2011, Glamorgan University, Cardiff, Wales, UK | 2011

RCCI – Northumbria University Doctoral Studentship | 2010-2013

Northumbria PGR Bursary, Dealing with Disasters Conference 2008, Glamorgan University, Cardiff, Wales, UK | 2008

CLP-DFID UK Masters Fellowship | 2007-2008

Seminar Travel Award, National Seminar on Ecotourism & Sustainable Development, Xavier Institute of Development Action and Studies (XIDAS), Jabalpur, India | 2007

CLP Conference Award, 3rd Sustainability Conference, Madras University, Chennai, India | 2007
University Merit Scholarship, Jahangirnagar University, Bangladesh | 1997-2000

University Entrance Scholarship, Jahangirnagar University, Bangladesh | 1996-

1997 Government Primary School Merit Scholarship, Bangladesh | 1989-1991

Major Work Experiences

Joint Director | December 2015 – to date
Rural Development Academy (RDA), Bogura, Bangladesh

Deputy Director | August 2010 – December 2015
Rural Development Academy (RDA), Bogura, Bangladesh

Assistant Director | November 2004 – August 2010
Rural Development Academy (RDA), Bogura, Bangladesh

Other Work Experiences

Deputy Project Director (Additional Charge) | June 2019 – to date
GoB funded Project on *Poverty Reduction of the Marginalised People of Kurigram and Jamalpur Districts (KAJ Project)*, Rural Development Academy (RDA), Bogura, Bangladesh.

Research Assistant (Part-time) | April 2014 – June 2015
Economic and Social Research Council (ESRC) funded Project, *'Differential Acculturation and its Impact on Wellbeing among Bangladeshi Migrants in the North-East and South (London), UK'*, Department of Anthropology, University of Durham, UK.

Research Assistant (Part-time) | January 2013 – March 2013
Northumbria University Led DFID and British Council Development Partnerships in Higher Education (DeLPHE) Project, *'Disaster Education for Community Resilience in Zimbabwe and Bangladesh'*, with Department of Geography, Bindura University of Science Education (BUSE), Zimbabwe and BRAC University, Bangladesh. Available at: <http://www.decrez.org/>

Research Assistant (Part-time) | July 2008 – September 2008
Economic and Social Research Council (ESRC) funded *'The Meaning of Health Security for Disaster Resilience in Bangladesh: a health security framework for disaster risk reduction'*. Northumbria University, Newcastle-upon-Tyne, UK.

Young Professional (Part-time) | January 2005 – August 2007
DFID funded Chars Livelihoods Programme (CLP), Rural Development Academy (RDA), Bogura, Bangladesh.

Research Assistant | July – December 2003
'Indigenous Hydroponic Practice for Poverty Alleviation Project', Department of Geography and Environment, Jahangirnagar University, Dhaka, Bangladesh.

Extra-Curriculum Activities and Memberships

Editor, RDA Newsletter, RDA, Bogura, Bangladesh | 2017 – to date

General Secretary, RDA Officers' Association, Bogra, Bangladesh | 2016 – to date

Affiliate Researcher, Disaster and Development Network (DDN), Northumbria University, Newcastle-upon-Tyne, UK | 2013 – to date

Member, Focal Point Operational Co-ordination Group (FPOCG), Comprehensive Disaster Management Programme (CDMP), Bangladesh | 2009–2010

Assistant Presiding Officer, Upazila Parishad (Sub-District Council) Election 2008, Bangladesh |

2008 Assistant Presiding Officer, National Parliament Election 2008, Bangladesh | 2008

Volunteer Ambassador, Royal Geographic Society (RGS) at Northumbria University |

2008 Member, Gender and Disaster Network (GDN) | 2007 – to date

Affiliated Member, Disaster and Development Centre (DDC), 2007–2013

External Supervisor, Discipline of Urban & Rural planning, Khulna University, Khulna, Bangladesh | 2006

Sports and Cultural Secretary, Officers' Association, RDA, Bogura, Bangladesh | 2006-2007

Member, Research Committee, RDA, Bogura, Bangladesh | 2005-2009

Secretary, Faculty Council, RDA, Bogura, Bangladesh | 2005 & 2010

Member, Officers' Association, RDA, Bogura, Bangladesh | 2004 –

Faculty Member, Faculty Council, RDA, Bogura, Bangladesh | 2004 –

Class Representative, Department of Geography & Environment, Jahangirnagar University | 1998-1999

Research Publications

- (16) Siddiqui, M. and **Mohammad, S. M.** (in press). *Mythological River Korota and Its Surrounding Lives* (in Bangla). Bogura, Bangladesh: RDA.
- (15) **Mohammad, S. M.** (2017). Community Response to Sidr and Aila: A Comparative Study on Cyclone Survivors in Bangladesh. *RDA Journal of Bangladesh Rural Development Studies*, 20(1): 39-49.
- (14) Jahan, N., Rahman, M. M., Amin, M. N., **Mohammad, S. M.** and Islam, M. R. (2017). *Poverty Free Kurigram Feasibility Study* (in Bangla). Bogra, Bangladesh: RDA.
- (13) **Mohammad, S. M.** and Mohammad, S. S. (2016). Changing Pattern of Rural Livelihoods in Bangladesh: An Impact Study on the Hatikumrul–Bonpara Highway in Chalan Beel. *RDA Journal of Bangladesh Rural Development Studies*, 19(1): 49-58.
- (12) **Mohammad, S. M.** (2015). Local Environmental Exposure and Community Vulnerability to Climatic Hazards in Bangladesh. *RDA Journal of Bangladesh Rural Development Studies*, 18(1): 105-117.
- (11) **Mohammad, S. M.** (2015). *Role of Women in Disaster Preparedness and Response: Cases of Cyclone Sidr of 2007 and Aila of 2009*. Bogra, Bangladesh: RDA.
- (10) **Mohammad, S. M.** (2014). Understanding Disaster Impacts through a Gendered Lens: A Study on the Char-dwellers of the Jamuna River in Bangladesh. *RDA Journal of Bangladesh Rural Development Studies*, 17(1): 63-74.
- (9) Rahman, M. M., Amin, M. N., Anowar, M. M., Mohiuddin, M. and **Mohammad, S. M.** (2014). *Impact of Vulnerable Group Development (VGD) Programme*. Bogra, Bangladesh: RDA.
- (8) **Mohammad, S. M.** and Collins, A. E. (2013). Disaster Risk Reduction in Bangladesh as an Adaptation Strategy for Climate Change. In Perera, S., Henriksen, H. J., Revez, A. and

Shklovski, I. (Eds.), *Proceedings of the First ANDROID Residential Doctoral School Work Package III*: 93-101.

- (7) **Mohammad, S. M.** and Collins, A. E. (2013). People's Perception on Climate Change and Adaptation Strategies: A Comparative Study from Bangladesh. In Stojanov, R., Žalud, Z., Cudlín, P., Farda, A., Urban, O. and Trnka, M. (Eds.), *Global Change and Resilience: From Impacts to Responses – Proceedings of the 3rd Annual Global Change and Resilience Conference*: 55-60. [http://www.czechglobe.cz/media/filer_public/03/75/0375ec0d-92c4-45ac-ab60-d1bfab76ced1/conference-proceedings.pdf]
- (6) **Mohammad, S. M.** and Collins, A. E. (2013). A Socio-economic Geography of Disaster and Development at Char Sthal Noahata, Bangladesh. In S. A. Singh, A. Phadke, V. Kurhekar, S. Roy and P. K. Savanur (Eds.), *Proceedings of UGC Sponsored Two Day International Conference on Geography of Change: Contemporary Issues in Development, Environment and Society*: 113-124.
- (5) **Mohammad, S. M.** (2012). Livelihood Strategies to Environmental Disasters: A Qualitative Study on the Flood Victims from the Jamuna River Basin in Bangladesh. *The Sylhet International University Studies*, 3(1): 61-72.
- (4) **Mohammad, S. M.** and Mohammad, S. S. (2012). *Impact of the Hatikumrul-Bonpara Highway on Rural Livelihoods of the Chalan Beel*. Bogra, Bangladesh: RDA.
- (3) **Mohammad, S. M.** (2010). Globalisation and Environmental Sustainability: An Overview of Coastal Bangladesh. *RDA Journal of Bangladesh Rural Development Studies*, 13(1): 43-64.
- (2) **Mohammad, S. M.** (2008). Impact of Deforestation on Environment: A Case of the Sal Forest in Dinajpur. *RDA Journal of Bangladesh Rural Development Studies*, 12(2): 31-42.
- (1) **Mohammad, S. M.** (2008) Madhupur Eco-Park: Sustainable or Vulnerable Context of Livelihood. In: *Ecotourism and Sustainable Development*. S. L. Raj, SJ and U. C. Saha (Eds.). Jabalpur, India: XIDAS Publications.

Ongoing Research Activities

- (3) **Mohammad, S. M.** and Mohammad, S. S. (Report writing stage). "Woman Centred Disaster Risk Management and Climate Change Adaptation: Roles of Gender and Culture in Rural Bangladesh". Funded by RDA, Bogura, Bangladesh.
- (2) **Mohammad, S. M.**, Rashid, S. and Mohammad, S. S. (Report writing stage). "PRA Application in Social Research in Bangladesh". Funded by RDA, Bogura, Bangladesh.
- (1) **Mohammad, S. M.** and Jahan, N. (Report writing stage) "Women Participation in Disaster Risk Reduction in Bangladesh". Funded by RDA, Bogura, Bangladesh.

Non-Referred Contributions

- (29) **Mohammad, S. M.** "River Bhairab: Source and Lost Flow", BNGA *Regional Seminar on Delta Development Plan*, April 04, 2019, Govt. M. M. College, Jashore, Bangladesh. (Discussant)
- (28) **Mohammad, S. M.** "The Historical River Korotoa: Its Past, Present and Future", BNGA *Regional Seminar on Environment and Development Though of Panchgarh*, November 23, 2018, Nazrul Library Auditorium, Panchgarh, Bangladesh. (Discussant)
- (27) **Mohammad, S. M.**, Kamruzzaman, M., Hossain, M. F., Fouzia, M. and Islam, M. S. "Financial Inclusion and Rural Transformation in Bangladesh", *International Training Workshop on Achieving Sustainable Development Goals (SDGs): Financial Inclusion and Rural Transformation*, February 17-28, 2018, Bangladesh Academy for Rural Development (BARD), Cumilla, Bangladesh. (Oral presentation)
- (26) **Mohammad, S. M.** "Rural Marginalisation, Local Environmental Exposure and Community Vulnerability to Climatic Hazards in Bangladesh", *International Seminar on Natural Resource*

Management, January 26, 2017, Institute of Bangladesh Studies (IBS), University of Rajshahi, Rajshahi, Bangladesh. (Oral presentation)

- (25) Hoq, W. and **Mohammad, S. M.** “Agricultural Insurance in Bangladesh: Prospects and Challenges”, *APO-CIRDAP-DAR organised Workshop on Agricultural Insurance Systems*, November 28 – December 02, 2016, Greenhills Elan Hotel Modern, Manila, The Philippines. (Oral presentation)
- (24) **Mohammad, S. M.** “Potentials of RDA Models for Drought Risk Management under Climate Change in Barind Tract”, *International Seminar on Climate Groundwater and Agricultural Production: Barind Area, NW Bangladesh*, November 09, 2016, University of Rajshahi, Rajshahi, Bangladesh. (Oral presentation)
- (23) **Mohammad, S. M.** “Disaster Risk Reduction in Bangladesh as Adaptation to Climate Change”, *International Conference on Climate Change Adaptation Strategies in Bangladesh*, May 14, 2016, Department of Agricultural Extension (DAE), Dhaka, Bangladesh. (Poster presentation)
- (22) **Mohammad, S. M.** “Adaptation to Climate Change through Disaster Risk Reduction in Bangladesh: Community Engagement in Local Level Intervention”, *RDA Faculty Council Presentation*, April 04, 2016, RDA, Bogra, Bangladesh. (Oral presentation)
- (21) **Mohammad, S. M.** “Globalisation, environmental disasters and migration in the transformation of the cultural landscape of Southwest Bangladesh”, *Departmental Seminar Lecture*, February 6, 2015, Department of Geography, Northumbria University, Newcastle-upon-Tyne, UK. (Oral presentation)
- (20) **Mohammad, S. M.** “Local Environmental Exposure and Community Vulnerability to Climatic Hazards in Bangladesh”, *2014 Summer Institute for Disaster and Risk Research: Disaster and Risk in a Changing World*, July 28 – August 08, 2014, Beijing Normal University, Beijing, China. (Oral presentation)
- (19) **Mohammad, S. M.** and Collins, A. E. “Disaster Risk Reduction in Bangladesh as Adaptation to Climate Change”, *Northumbria University Research Conference 2014*, May 21-22, 2014, Northumbria University, Newcastle-upon-Tyne, UK. (Poster presentation)
- (18) **Mohammad, S. M.** “Disaster Risk Reduction in Bangladesh as Adaptation to Climate Change”, *British Sociological Association (BSA) Regional Postgraduate Day: “Ending the Apprenticeship: From PhD Student to Early Career Researcher”*, April 03, 2014, Northumbria University, Newcastle upon Tyne, UK. (Oral presentation)
- (17) **Mohammad, S. M.** “Disaster Risk Reduction in Bangladesh as an Adaptation Strategy for Climate Change”, *ANDROID Residential Doctoral School (RDS) Workshop on Disaster Resilience*, October 23-24, 2013, ANDROID Disaster Resilience Network, Limassol, Cyprus. (Oral presentation)
- (16) **Mohammad, S. M.** “Belief and motivation in cyclone early warning amongst women in coastal Bangladesh”, *International Conference on Dealing with Disasters (DwD 2013) together with the 4th Conference of the International Society for Integrated Disaster Risk Management (IDRiM 2013)*, September 04-06, 2013, Northumbria University, Newcastle-upon-Tyne, UK. (Oral presentation)
- (15) **Mohammad, S. M.** “History of Cyclone Management in Bangladesh”, *International Seminar on Human Aspects of Climate Change: Adaptation, Management and Lessons from History*, May 27, 2013, Global Change Research Centre and Mendel University, Brno, The Czech Republic. (Oral presentation)
- (14) **Mohammad, S. M.** and Collins A. E. “People’s Perception on Climate Change and Adaptation Strategies: A Comparative Study from Bangladesh”, *International Conference on Global Change and Resilience*, May 22-24, 2013, Global Change Research Centre and Mendel University, Brno, The Czech Republic. (Poster presentation)

- (13) **Mohammad, S. M.** “Disaster Risk Reduction and Climate Change Adaptation in Bangladesh: Learning from the Community”, *International Conference on Disaster Education and Community Resilience*, March 26-27, 2013, Bindura University of Science Education, Bindura, Zimbabwe. (Oral presentation)
- (12) **Mohammad, S. M.** “Globalisation, Environmental Disasters and Displacement: The Case of Shrimp Farming in Coastal Bangladesh”, *National Seminar on Climate Change and Sustainable Development: Issues and Challenges*, January 23-24, 2013, Maharaja Sayajirao University of Baroda, Vadodara, Gujarat, India. (Oral presentation)
- (11) **Mohammad, S. M.** “Environmental Disasters and Livelihood Diversification: A Case Study on Char Dwellers of Jamuna River in Bangladesh”, *International Conference on Development, Environment and Sustainable Livelihood*, January 18-19, 2013, University of Burdwan, Burdwan, West Bengal, India. (Oral presentation)
- (10) **Mohammad, S. M.** “A socio-economic geography of disaster and development at Char Sthal Noahata, Bangladesh.”, *International Seminar on Geography of Change: Contemporary Issues in Development, Environment and Society*, January 11-12, 2013, Vidya Prasarak Mandal’s K.G. Joshi College of Arts and N.G. Bedekar College of Commerce, Thane, Maharashtra, India. (Oral presentation)
- (9) **Mohammad, S. M.** “Adaptation to Climate Change through Disaster Risk Reduction: A Disaster – Climate Change Nexus in Bangladesh”, *Geography and Environmental Management (GEM) Research Seminars 2012*, November 21, 2012, Northumbria University, Newcastle-upon-Tyne, UK. (Oral presentation)
- (8) **Mohammad, S. M.** “Disaster Management in Bangladesh in Climate Change Context”, *Department Seminar Lecture*, April 18, 2012, Department of Disaster Management, Begum Rokeya University, Rangpur, Bangladesh. (Oral presentation)
- (7) **Mohammad, S. M.** “People’s Vulnerability to the 2007 Flood: A Participatory Gender-centric Study on Char-dwellers of Jamuna River, Bangladesh”, *International Seminar on Population, Development and Disaster Management*, February 08-11, 2012, Tripura University, Agartala, Tripura, India. (Oral presentation)
- (6) **Mohammad, S. M.** “Women’s Vulnerability to Cyclones in Bangladesh: A Case Study of Sidr in 2007”, *Dealing with Disaster International Conference 2011 on Reflections on Recent Disasters: the past 20 years*, November 28, 2011, University of Glamorgan, Cardiff, UK. (Oral presentation)
- (5) **Mohammad, S. M.** “People’s Vulnerability and Adaptations to Floods: A Study on the Char-dwellers of the Jamuna River in Bangladesh”, *RDA Faculty Council Presentation*, October 20, 2008, Rural Development Academy (RDA), Bogra, Bangladesh. (Oral presentation)
- (4) **Mohammad, S. M.** “Why is geography important to study in higher education?”, *Seminar Lecture organised by Royal Geographic Society*, February 18, 2008, Gateshead Secondary School, Gateshead, UK. (Oral presentation)
- (3) **Mohammad, S. M.** “Women-led Cyclone Management in Coastal Bangladesh”, *GEM Departmental Poster Presentation*, January 25, 2008, Northumbria University, Newcastle-upon-Tyne, UK. (Poster presentation)
- (2) **Mohammad, S. M.** “Disaster Management and Sustainable Development Nexus in Rural Bangladesh”, *GEM Departmental Presentation*, October 19, 2007, Northumbria University, Newcastle-upon-Tyne, UK. (Oral presentation)
- (1) **Mohammad, S. M.** “Madhupur Eco-park: Sustainable or Vulnerable Context of Livelihoods for Ethnic Garos?” *National Seminar on Ecotourism and Sustainable Development*, March 08-10, 2007, Xavier Institute of Development Action and Studies (XIDAS), Jabalpur, Madhya Pradesh, India. (Oral presentation)

Country visited

Austria, China, Cyprus, Czech Republic, France, Greece, Hungary, India, Italy, Malaysia, Nepal, Netherlands, Nigeria, Pakistan, Philippines, Saudi Arabia, Singapore, Slovakia, Switzerland, United Arab Emirates (UAE), United Kingdom (UK), and Zimbabwe.