PUBLICATIONS

A. Book Publication

B. Peer Reviewed Journal

C. Conference Proceedings


OTHERS

Consultancy (Environment Specialist)

- Water Quality and Solid Waste Expert of the project title “Monitoring Environmental Changes in Cox’s Bazar following Rohingya Influx” funded by the International Organization for Migration (IOM), July 01 ~ December 31, 2018

- Environment and Disaster Management Expert (Part-time) of Sheltech Consultants (Pvt.) in the project “Preparation of Detailed Area Plan (2016-2035)” for DMDP Area of RAJUK (February 17, 2018 ~ July 31, 2018)

- Environmental Specialist of JPZ-IRGDSL Joint Venture for the consultancy service for “Preparation and submission of a high quality environment friendly master plan for the BEPZA Economic Zone project (February 11, 2018 ~ May 31, 2018)

- Consultant of BEPZA for the “Consultancy Services for Environmental Laboratory Operations at DEPZ and CEPZ of BEPZA” (January 01, 2017 ~ October 30, 2017)

- Consultant of World Bank for the “Consultancy Services for Environmental Laboratory Operations at DEPZ and CEPZ of BEPZA” (April 01, 2016 ~ December 31, 2016)

Project

- Member of the Sub Project Management Team (SPMT) of Higher Education Quality Enhancement Project (CP 3143) funded by World Bank, December 01, 2015 ~ October 30, 2017

  Project Title: “Establishment of Advanced Climate Change Study Laboratory at MIST”

Session Chair
Session Chair of Technical Session-3 of the International Conference on Climate Change and Water Security (ICCWS 2015), 27 December 2015, Military Institute of Science and Technology, Mirpur Cantonment, Dhaka, Bangladesh

Session Chair of ‘Climate Change due to Meteorological Factors’ of the International Conference on Climate Change Impact and Adaptation (I3CIA-2013) during 14-16 November, 2013 at Dhaka University of Engineering & Technology (DUET), Gazipur, Bangladesh

Technical Committee Member

• Member of the “Committee for Manpower and Curriculum development”, Bangladesh Water Development Board (BWDB), Ministry of Water Resources, Bangladesh, November 2018-
• Member of Scientific and Technical Committee of Conference on Climate Change and Water Security (ICCWS 2015), 27 December 2015, Military Institute of Science and Technology, Mirpur Cantonment, Dhaka, Bangladesh
• Member of Scientific and Technical Committee of Conference on Advances in Civil Infrastructure and Construction Materials (CICM 2015), 14-15 December, 2015, Military Institute of Science and Technology, Mirpur Cantonment, Dhaka, Bangladesh
• Member of International Technical Committee of Conference on Climate Change Impact and Adaptation (I3CIA-2013), 14-16 November, 2013, Dhaka University of Engineering & Technology (DUET), Gazipur, Bangladesh

Professional Affiliation

• Member, Bangladesh Society of Geo-Informatics (BSGI)
• Member, The Institution of Engineers (IEB), Bangladesh, Membership no: M-30146
• Member of Executive Committee, Rain Forum, Dhaka

Presentation

• Invited Speaker, “Unmanned aerial vehicle borne remote sensing techniques”, Masters Course on GIS and Remote Sensing, Bangladesh University of Engineering and Technology (BUET), May 2010.
• Presenter, “A seminar on applicability of modern remote sensing tool in disaster management in Bangladesh”, Ministry of Defense, Dhaka, Bangladesh, January 2010
• Presenter, “Unmanned aerial vehicle borne tool for quick response in disaster”, ADB Headquarter, Manila, Philippines, 8 August 2009

Training Conducted

• Resource Person for ‘Training on GIS Database Management and Application in Climate Change’, June 26, 2011, Dhaka University of Engineering and Technology, Gazipur
• Resource Person for ‘Certificate Course on GIS and Remote Sensing’, 23rd December 2012 – 10th January2013, Military Institute of Science and Technology, Dhaka

Training Attended

• Hands-on Orientation on Outcome-based Education (OBE), June 19, 2019, Institution of
Engineers, Bangladesh

- Specialized training on ArcGIS Enterprise Edition and Online GIS, December 04–08, 2017, ESRI Singapore
- IRCA Registered Lead Auditor Course on Occupational Health & Safety Assessment Series OHSAS (18001:2007), May 24–28, 2016, arranged by SGS Bangladesh
- Training Programme on ‘Landslides Risk Management in South Asia’, May 2–8, 2011, arranged by the SAARC Disaster Management Centre in Collaboration with the Department of Geology, Tribhuvan University, Kathmandu, Nepal
- Short course on ‘Remote Sensing and GIS in Water Management’, 02–06 September 2006, arranged by the Institute of Water and Flood Management, Bangladesh University of Engineering and Technology, Dhaka