



2nd South Asian Conference 2024

Venue: Press Institute of Bangladesh (PIB)

3 Circuit House Rd, Dhaka 1000

Date: 2 and 3 November 2024

Program Schedule

Time	Session	Description
Day 1: Saturday, 2 November 2024		
9:00 - 9:30	Registration	Registration of participants
9:30-11.30	Opening session	<p><u>Inaugural Speech</u> Muhammad Abdur Rahaman, Director, Center for People and Environ(CPE).</p> <p><u>Conference Speaker</u> South Asian Research Hub for Climate Change: Window of Opportunity Dr M. Monirul Qader Mirza Advisory Scientist, Center for People and Environ, Adjunct Professor and Graduate Faculty Member, Department of Physical and Environmental Sciences, University of Toronto Scarborough.</p> <p>Development cooperation for climate change adaptation. Dr. Shiladitya Chatterjee, IAS (Rtd.) President, Global Forum for Sustainable Rural Development (GFSRD)</p> <p><u>Discussant</u> Dr. Jayanta Choudhury Assistant Professor, Tripura University, India</p>



		<p>Dr. Jayanta Kumar Basak Associate Professor, Dept. of Environmental Science and Disaster Management, Noakhali Science and Technology University.</p> <p>Mohammad Azaz Founder, River and Delta Research Centre (RDRC)</p> <p>Dr. Mohammad Mohinuzzaman Professor, Department of Environmental Science and Disaster Management, Noakhali Science and Technology University, Bangladesh.</p> <p>Shamim Ara Begum Executive Director, Pollisree, Dinajpur</p> <p>Chair Dr. Mahmudul Islam Advisory Scientist, Disaster Risk Reduction, Center for People and Environ. CEO, Centre for Disaster Management Education, Research, and Training (DMERT)</p>
<p>11:30-1:15</p>	<p>Plenary 1: Local Lead Adaptation (LLA)</p>	<p>Keynote Speaker Local-led adaptation towards climate resilience Dr. Mohammad Mohinuzzaman Professor, Department of Environmental Science and Disaster Management, Noakhali Science and Technology University, Bangladesh.</p> <p>Papers P1.1: Assessing Carbon Stock and Forest Cover Dynamics in Nijhum Dwip National Park MD Tajbib Rahman, Oxfam. P1.2: Nature-Based Solutions (NbS) to address sustainability challenges in Bay of Begal coast Anusree Ghosh, Bangladesh Open University P1.3: Time Series Analysis of Average Monthly Agricultural Labour Wage with Food and without Food by Gender in Selected Districts in Bangladesh from 1995 to 2023. Dr. Nazmul Huda, Bangladesh University of Engineering and Technology</p>

		<p>P1.4: Municipal Solid Waste and its Management: A Case Study on Sylhet City Corporation. Kanta Bhattacharjee, Shahjalal University of Science and Technology</p> <p>P1.5: Mangrove Social-Ecological Systems Framework using mDSS as Nature-Based Infrastructure for Coastal Protection in Bangladesh. Monzer Hossain Sarker, PhD Researcher, Ca' Foscari University of Venice</p> <p><u>Discussant</u> Dr. Afshana Parven Shahid Assistant professor at Noakhali Science and Technology University, Bangladesh</p> <p>Dr. Mohammed Abdus Salam Associate Professor, Dept. of Environmental Science and Disaster Management, Noakhali Science And Technology University, Bangladesh.</p> <p><u>Chair</u> Dr. Mohan Kumar Das Executive Director, NAOMI</p>
1:15-2:00	Lunch	
2:00-3:15	Plenary 2: Nature Based Solutions (NbS)	<p><u>Keynote Speaker</u> Climate resilient agriculture, food security and Indigenous knowledge in Bangladesh Dr. M Nazim Uddin Senior Scientific Officer, Bangladesh Agricultural Research Institute, Dhaka (BARI).</p> <p><u>Papers</u> P2.1: Nature-Based Solution Through Urban Forestry In Dhaka City. Sadia Jahan Rothi and Nazmun Nahar, Centre for Climate Change and Environmental Research (C3ER)</p> <p>P2.2: Impact of Rainwater-Based Hydroponic Farming on Urban Resource Utilization and Sustainable Development Goals (SDGs). Hasin Almas Sifat, American International University-Bangladesh</p> <p>P2.3: Assessing The Role of Nature-Based Solutions in Mitigating the Urban Heat Island Effect in Chittagong Metropolitan Area, Bangladesh.</p>

		<p>Samrina Jamal, University of Chittagong P2.4: Tea Garden Worker’s Perception and Adaptation Strategies for Climate Change and Tea Production Challenges in Sylhet: A Qualitative Study. Mehedi Hasan, Shahjalal University of Science and Technology P2.5: Disrupting Capitals, Fostering Adaptation: A Qualitative Analysis of Cyclone Remal's Impacts on Dacope, Khulna, Bangladesh. Meherab Hossain, Khulna University</p> <p><u>Discussant</u> Shamim Ara Begum Executive Director, Pollisree, Dinajpur</p> <p><u>Chair</u> Muhammad Abdur Rahaman Director, Center for People and Environ</p>
3:15-3:30	Tea Break	
3:30-5:00	Plenary 3: Loss and Damage (L&D)	<p><u>Keynote Speaker</u> Loss and damage quantification: Climate resilience paradigm for coastal resilience Mohon Kumar Mondal Executive Director, Local Environment Development and Agricultural Research Society (LEDARS).</p> <p><u>Papers</u> P3.1: Cyclones and Calamity: A Historical and Statistical Unmasking of Losses in Bangladesh. Md Ehsanul Haque, American International University-Bangladesh P3.2: Analyzing The Statistical Association Between Bangladesh's Jute Production and Rainfall Trends from 2014-2023. Koushik Biswas Arko, American International University-Bangladesh P3.3: Urban Flooding and Waterlogging: Evaluating Monsoon-Induced Effects and Challenges in Dhaka City. Rownok Jahan, Center for Participatory Research and Development P3.4: Comparative Analysis of Food Security in Rural and Urban Areas: A Statistical Approach. Nadia Noor & Kazi Abdullah Jarif, American International University-Bangladesh</p>

		<p>P3.5: Cultivating Success and Enhancing Rice Production and Nutrient Uptake in Slightly Saline Soils of Khulna, Bangladesh. Syed Sazidul Islam, Khulna University</p> <p><u>Discussant</u> Dr. Chiranjibi Bhattarai Environment Law, Policy and Governance Specialist, Natural Resource and Development Program, Nepal Open University.</p> <p><u>Chair</u> Dr. Md. Golam Rabbani Head, Climate Bridge Fund (CBF), BRAC.</p>
Day 2: Sunday 3 November 2024		
9:00-10:30	Plenary 4: Mitigation and low carbon development	<p><u>Keynote Speaker</u> Potentials of Circular Economy in Reducing Carbon Footprint and Climate-Induced or Forced Migration in Bangladesh Md Saiduzzaman Khan Programme Development & Quality Manager, Danish Refugee Council</p> <p><u>Papers</u> P4.1: Effect of Soil Properties (pH, Organic Matter, and Moisture) on Crop Resilience in Barind of Bangladesh. Mst. Shamima Akter, Asma Akter, Md. Rafshan Jani Rownak, Center for People and Environ P4.2: Role of Electric Vehicles in Low Carbon Transportation: Challenges and Solutions in Bangladesh. Sabbir Ahmed AL Seum & Tanisha Fairouz, American International University Bangladesh P4.3: Assessing The Impact of Changing Temperature on Electricity Demand: A Comparative Analysis of Urban and Rural Environment. Ahnaf Sahriar, Shahjalal University of Science and Technology P4.4: Land Use and Land Cover Changes of Four City Corporations of Bangladesh. Arup Pal, Shahjalal University of Science and Technology P4.5: Nexus of Renewable Energy and CO2 Mitigation: Insights from Bangladesh.</p>

		<p>K.M. Tahsin Kabir, American International University Bangladesh P4.6: Gender-Responsive Solar Solutions for Empowering Women in Hard-to-Reach Communities. Engr. Saddam Haider, EMI Consultant.</p> <p><u>Discussant</u> Professor Dr. Md Shamsuzzoha Professor, Department of Emergency Management, Patuakhali Science and Technology University, Bangladesh.</p> <p><u>Chair</u> Mohammad Azaz Founder, River and Delta Research Centre (RDRC).</p>
10:30-11:30	Tea break+Poster Presentation	
	<p>PP1.Beyond the banks: Comparing flood-induced livelihood vulnerability between char land and inland communities using GIS-RS based approach Nafis Imtiaj Hossain, Bangladesh University of Engineering and Technology</p> <p>PP2. Role of NbS in the Livelihood Strategies Sakib Imran Ali, School of Environmental and Natural Sciences, Bangor University</p> <p>PP3. Living with Water: Exploring the Livelihood Dependency of Local Communities on Haor Ecosystems in Netrokona Ayan Debnath, Center for People and Environ</p> <p>PP4. Descriptive Statistics and Test of Normality for Quantitative Research Data Md. Rafshan Jani Rownak, Center for People and Environ</p> <p>PP5. Mental Health Awareness in the Coastal Areas of Bangladesh: A review. Asma Akter, Center for People and Environ</p> <p>PP6. Microplastics and heavy metals contamination in freshwater fish species in the southwestern region of Bangladesh and related human health implications MST. Shamima Akter, Center for People and Environ</p>	
11:30-1:00	<p>Plenary 5: Climate Financing</p>	<p><u>Keynote Speaker</u> Community-Driven Ecosystem Restoration for Coastal Resilience: Stewardship and Afforestation in Action Debraj Dey Programme Coordinator, Oxfam, Bangladesh.</p>

		<p><u>Papers</u></p> <p>P5.1: Climate Change and Regional Cooperation in The Bay of Bengal Region. Haritha S Narayan, Manipal Academy of Higher Education(MAHE)</p> <p>P5.2: Studies on The Use of Locally Available (Coxs Bazar and Saint Martin) Alternative Renewable Seaweed Wastes As Compost Organic Fertilizer Resources. Durlave Roy, Bangladesh Open University</p> <p>P5.3: The Role of Social Impact Investments In Building Climate Resilience In Rural Bangladesh: A Study of Muksudpur Thana, Gopalganj. Snehashis Paul & Tasin Abrar Nahin, Shahjalal University of Science and Technology, Bangladesh University of Engineering and Technology</p> <p>P5.4: Unveiling Gender Disparities in Climate Finance: Assessing Gaps, Integration Strategies, and Impacts on Gender Equality. Maruf Ahmed & Fahmida Nusrat, Dhaka School of Economics, University of Dhaka</p> <p>P5.5: Climate Crisis and Crop Failure: Understanding the Link Between Climate Change and Food Insecurity in Bangladesh. MD. Emamul Arefin Islam and Tathapi Monda, American International University Bangladesh.</p> <p>P5.6: Assesing Socio Economic Impact of Risk Insurance on Financial Resilience and Gender Responsive adaptation in Bangladesh’s Flood-Prone Regions Nafisa Tasnim Khan, Muhammad Esmat Enan and MD Tajbib Rahman, Oxfam</p> <p><u>Chair</u> Professor Dr. AKM Saiful Isalm Institute of Water and Flood Management, BUET</p>
1:00-1:45	Lunch	
1:45-3:00	Plenary 6: South Asian Corporation	<p><u>Keynote Speaker</u> Clean and Affordable Energy in South Asia: Challenges and Ways Forward Amir Mohammad Nasrullah Professor, Department of Public Administration, Chittagong University.</p> <p><u>Papers:</u></p>

		<p>P6.1: From Contradictions to Policy Propositions: Investigating the Causes of Water Resilience and Avenues for Improved Relations. Tasnim Khan & Barna Khanam, Bangabandhu Sheikh Mujibur Rahman Science and Technology University</p> <p>P6.2: Integrated Water Resources Management (IWRM) Plan for The Dharla River Basin: Addressing Human Impact on Water Resources. Nafis Intiaj Hossan, Bangladesh University of Engineering and Technology</p> <p>P6.3: Assessing The Impact of Resource Utilization and Economic Growth on Ecological Footprints in BRICS+ Countries. Mahmud Hasan Riaz and Montasir Alam, International Islamic University Chittagong</p> <p>P6.4: Dependency for livelihood of Local Community in Haor: A case study from Netrokona district, Bangladesh. Ayan Debnath, Center for People and Environ</p> <p>P6.5: Microbe-based Management in Aquaculture as Nature-Positive Solution in Response to Climate Change S M Rafiquzzaman, Bangabandhu Sheikh Mujibur Rahman Agricultural University</p> <p><u>Discussant</u> Dr. Khalid Hossain Research Fellow, Department of Human-Centred Computing, Monash University, Australia.</p> <p><u>Chair</u> Tapas Ranjan Chakraborty Senior Programme Manager, Climate Change Programme (CCP), BRAC.</p>
3:00-3:30	Tea Break	
3:30-5:00	Closing session	<p><u>South Asian Research HUB Small Grant and Dhaka Declaration</u> Muhammad Abdur Rahaman, Director, Center for People and Environ.</p> <p><u>Discussant</u> Dr M. Monirul Qader Mirza Adjunct Professor and Graduate Faculty Member, Department of Physical and Environmental Sciences, University of Toronto Scarborough.</p>

Faruk Wasif

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Dr. Md. Sirajul Islam

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Tapas Ranjan Chakraborty

Senior Programme Manager, Climate Change Programme (CCP), BRAC.

Mohon Kumar Mondal

Executive Director, Local Environment Development and Agricultural Research Society (LEDARS)

Chair

Dr. M. Shahidul Islam,

Professor, Department of Geography and Environment, Dhaka University.

Closing and Group Photo Session

