



5th ICSD
**INTERNATIONAL
CONFERENCE ON
SUSTAINABLE DEVELOPMENT**
TOWARDS RECONSTRUCT THE KNOWLEDGE-BASED SOCIETY

19 - 20 February 2022

Program Schedule

DAY 1- SATURDAY, FEBRUARY 19, 2022	
Time 10:00 - 11:00 AM	Inaugural Ceremony Platform: Zoom Zoom Link - https://bdren.zoom.us/j/66173353623
	Welcome & Introduction: Professor Dr. Hamidul Huq, Director, IDSS and Convener, 5th UIU-ICSD 2022
	Chair: Prof. Dr. Chowdhury Mofizur Rahman, Vice Chancellor, United International University
	Keynote Speaker: Mr. Anderson Gitonga, Inclusive Development Director, CBM Global
Break: 11:00 - 11:15 AM	

Plenary Session DAY 1- SATURDAY, FEBRUARY 19, 2022	
Time 11:15 AM – 1:15 PM	Platform: Zoom Zoom link: https://bdren.zoom.us/j/66173353623
	Bangladesh Delta Plan: Challenges of Moving Forward Towards A Prosperous Bangladesh.
	<p>Chair: Prof. Dr. Monowar Hossain, Rector of Engineering Staff College Bangladesh (ESCB); Executive Director (Rtd.), Institute of Water Modelling; Professor (Rtd.), BUET.</p> <p>Keynote Speaker: Dr. Md. Mizanur Rahman, Additional Director General (Rtd.), Planning, Design and Research, Bangladesh Water Development Board; Part Time Faculty with IDMVS, University of Dhaka, Water Expert – Bangladesh (Individual Consultant), CARE Project-South Asia, RIMES at AIT Pathumthani, Thailand</p> <p>Panelists: Dr. Sara Nowreen, Associate Professor, Institute of Water and Flood Management (IWFM), Bangladesh University of Engineering & Technology (BUET), Dhaka 1000, Bangladesh.</p> <p>Dr. Sultan Ahmed, Secretary (Rtd.), Power Division, the Ministry of Power, Energy and Mineral Resources; Chair Ex) Chairman, RAJUK; Director General (Ex), Directorate of Environment, Forest and Climate Change.</p>
Lunch Break 1:15 – 2:00 PM	

DAY 1

Date: Saturday, February 19, 2022

Parallel Sessions Time: 2:00 – 4:30 PM			
Parallel Session 1	Parallel Session 2	Parallel Session 3	Parallel Session 4
Zoom link: https://bdren.zoom.us/j/69571723435	Zoom link: https://bdren.zoom.us/j/62782396252	Zoom link: https://bdren.zoom.us/j/62513754744	Zoom link: https://bdren.zoom.us/j/67280534507
Theme: Sustainable Agriculture & Food Security	Theme: Poverty Alleviation	Theme: Sustainable Delta Management	Theme: Water Governance
Time: 2:00 PM – 3:30 PM	Time: 2:00 PM – 3:30 PM	Time: 2:00 PM – 3:30 PM	Time: 2:00 PM – 4:30 PM
Chairperson: Prof. Dr. Ashraful Islam, Sylhet Agricultural University	Chairperson: Ms. Ananya Nandy, Assistant Professor, East Delta University	Chairperson: Dr. Umme Kulsum National Climate Change and Risk Management Expert, CRFAD-B, FAO	Chairperson: Professor Dr. M Anwar Hossen, Dept. of Sociology, University of Dhaka Panelist: Mr. Ayon Biswas, Ayan Biswas East Africa hub manager, Akvo Foundation, Nairobi, Kenya
<ol style="list-style-type: none"> Student Internship program as a solution towards facilitating south-south extension of agroecology knowledge: the case of Access Agriculture and University of the Philippines partnership. Dr Ahmad Salahuddin¹ 	<ol style="list-style-type: none"> Entrepreneurship Development, Employment Generation and Poverty Alleviation at WASH Sector: A study of three cities, Bangladesh Md. Mahiul Kadir¹ 	<ol style="list-style-type: none"> Overview of JCP Dr. Farhana Ahmed¹, William Oliemans² 	<ol style="list-style-type: none"> Problems and Remedies in Socio-Water Governance in the face of Climate Change: A Study of Rajasthan, India Kousik Das Malakar¹, Supriya Roy²
<ol style="list-style-type: none"> Natural Silk as a Means of Sustainable Livelihood- A Case in Muga Silk of Assam (India) 	<ol style="list-style-type: none"> Measuring Rural Poverty Using Multidimensional 	<ol style="list-style-type: none"> Agricultural and Food Security: an application of Bangladesh Metamodel. 	<ol style="list-style-type: none"> A novel activated carbon-based nanocatalyst for sustainable removal of

<p>Dr. Niranjan Das¹, Dr. Sujata Deori²</p>	<p>Poverty Index: A Case Study in Khulna Tasin Islam Himel¹, Sumya Naz², Md. Zakir Hossain³, Sumaya Arfin⁴, Jannatun Nahar Fariha⁵</p>	<p>Saeed Mohammadian Moghayer¹, Md Mostafizur Rahman²</p>	<p>bisphenol-A from water via catalytic ozonation: efficacy and mechanisms Hariprasad P.¹, Salman Farissi², Anbazhagi, S. ³, Muthukumar, M.⁴</p>
<p>3. A gassy gordian knot: A sustainable approach towards celebrating Eid-ul-Adha Md Tawfic Noor¹, Antara Rizwani², Mohosina Hossain Nobony³, Mehjabee Mahmud Mattra⁴</p>	<p>3. Social Business Model for Poverty Alleviation and Application of Remote Sensing and GIS to Monitoring Tea Plantations: A Case Study at Tentulia Upazila in Bangladesh Mohammad Sujoun Lasker¹, Liza Mithela Dio², Md Ariful Alam Qurishi³, Sazzat Hossain⁴, Md. Nurul Islam⁵</p>	<p>3. WaterappScale: Upscaling Weather and Climate Information Services for Smallholder Farmers in Bangladesh. Uthpal Roy¹</p>	<p>3. Surface - Ground Water Study in South-west coastal areas Paritosh Chandra Sarker¹</p>
<p>4. Impact on Crop Production (Paddy) due to Heat Wave: A Case Study of Derai, Sunamganj Md. Sakhawat Hossain Saikat¹, Md. Fazle Rabby², Md. Mohiuddin Babar³</p>	<p>4. The Role of Islamic Wealth Management Practices for Poverty Alleviation; A Study on Bangladesh Perspective Idris Ali¹</p>		<p>4. Exploring the options for best practices and possible incentive mechanism for valuing water in Bangladesh Mohammad Alamgir¹</p>
<p>5. Nutrients Availability from Chicken Feather Waste under Composting through Peat, Forest and Agricultural Soils and Effect on Plant Growth Puja Biswas¹, Shimul Mondal², Jagadish Chandra Joardar³</p>	<p>5. Human Security as a Key Driver of Poverty Alleviation in Developing Countries to Attain Sustainable Development Mir Md Tariqul Islam¹</p>		<p>5. Spatial and Temporal Variability of Rainfall over Bangladesh during 1981-2020 Jannatul Ferdous Jubly¹, Syed Hafizur Rahman²</p>

<p>6. Suitability Assessment of Push-Pull Farming System to Combat Pest Infestation as a Nature based Solutions (NbS) of Climate Change Adaptation in Bangladesh Afifa Tasnim¹, Ahmmed Zulfiqar Rahaman²</p>	<p>6. Empowering Extreme-Poor Women through 'Graduation Approach': An Empirical Analysis from BRAC's Ultra-Poor Graduation programme in Bangladesh Arup Barua¹, Upoma Mahbub², Md. Reajul Islam³</p>		<p>6. Detection of Contaminants of Emerging Concern in the water Environment Akhilghosh K A¹, Usha K. Aravind², C.T. Aravindakumar³, Muthukumar Muthuchamy⁴, Anbazhagi Muthukumar⁵</p>
<p>7. Biodegradation of poultry feather using Streptomyces sp. for nitrogen and its effect on growth and yield of okra Puja Biswas¹, Milton Halder², Jagadish Chandra Joardar³</p>	<p>7. Assessing Urban Poor Resilience to Natural Disasters using AHP-Based Indexing Model: A Case Study on Khulna City Salman F. Haque¹, Md. Abu Jobaer², Md. Zakir Hossain, PhD³, Md. Samiul Islam Shozib⁴</p>		<p>7. Assessing Contribution of Haor Ecosystem in Flood Regulating Services through 2-Dimensional Numerical Modeling using SOBEK 2D A.S.M Julker Naem¹, Ahmmed Zulfiqar Rahaman²</p>
<p>8. Organic Carbon Content and Fe-Organo Association in Soils under Rice Dominant Cropping System in Bangladesh Puja Biswas¹, Md. Sanaul Islam², Abu Bakor Siddique³, Milton Halder⁴</p>			<p>8. Exploring Violence against Women & Girls (VAWG) in Relation to Water Sanitation & Hygiene (WASH) Resources: Evidence for Sustainable Development Goal 3, 5, 5 & 10 Sabiha Siddique¹, Alok Kumar Majumder², Samir Kumar Paul³</p>
<p>9. Factors Influencing of Selection and Usages of Pesticides among the Peasants: a Qualitative Study of MasukBazar in Sylhet, Bangladesh.</p>			<p>9. Slaughterhouse Wastewater Treatment and Energy Harvesting in Microbial Fuel Cells Shilpa Padmanabhan¹, Hanish Mohammed², Salman Farissi³,</p>

<p>Abdullah Al Rifat¹, Poushe Paul², Dr. Md. Shahgahan Miah³</p>			<p>Muthukumar Muthuchamy⁴, Anbazhagi Sakkarai⁵</p>
<p>10. Roles of Small-scale Producers in Sustainable Agriculture & Future Food Security: a Case Study from Sub-urban and Rural in Northern Regions, Bangladesh Mariam Hussain¹</p>			<p>10. Reducing childhood malnutrition through Healthy Village Approach in rural Bangladesh: A large community-led Nutri-WASH integrated approach Imam Mahmud Riad¹, M.M. Ahidul Islam Kazal², Dr. Sanjana Zaman³, MD. Irfan⁴, Hafizur Rahman⁵</p>
<p>11. Nano fertilizer influencing the endophytic symbiosis and physicochemical properties of Oryza sativa as a sustainable alternative for commercial fertilizer M. H. Rahman¹, M. N. Hasan², R. Amin³, M. A. A. Setu³, S. Akter⁴, S. Nigar⁵, M. J. H. Khan⁶, M. Z. H. Khan⁷</p>			<p>11. WASH Budget Tracking: A Tool to Improve Water Governance in Rural and Urban Areas of Bangladesh. Zobair Hasan¹, Amir Khasro², Partha S. Kuntal³</p>
<p>12. Farming for the future: Feasibility and sustainability analysis of vertical farming in Dhaka city Mehjabee Mahmud Mattra¹, Mohosina Hossain Nobony², Antara Rizwani³, Md Tawfic Noor⁴</p>			

<p>13. Effects of nano mixed fish feed on water quality, growth performance, and nutritional properties of Catla fish, <i>Catla catla</i> Md. Hafizur Rahman¹, Md. Nazmul Hasan², Molay Sarkar³, Shireen Nigar⁴, Md. Abu Shamim Khan⁵, Md. Zaved Hossain Khan⁶</p>			
<p>14. Flexible label-free electrochemical DNA biosensor for selective detection of <i>Shigella flexneri</i> in real food samples M. R. Ali¹, M. S. Bacchu², M. R. A. Mamun³, S. Das⁴, S. Akter⁵, M. M. Rahman⁶, M. Aly Saad Aly⁷, M. Z. H. Khan⁸</p>			
<p>15. Graphitic carbon nitride and APTES based an advanced electrochemical biosensor for detection of 17β-estradiol in food samples. M. S. Bacchu¹, M. R. Ali², M. N. Hasan³, M. R. A. Mamun⁴, M. Z. H. Khan⁵</p>			

Parallel Sessions Time: 3:35 PM- 5:15 PM		
Parallel Session 1	Parallel Session 2	Parallel Session 3
Zoom link: https://bdren.zoom.us/j/63416722677	Zoom link: https://bdren.zoom.us/j/61242341057	Zoom link: https://bdren.zoom.us/j/69018529565
Theme: Green Energy	Theme: Green Cities and Human Settlement	Theme: Sustainable Livelihoods
Chairperson: Abdul Wahab, Environment, Biodiversity and Nature Based Solution Expert.	Chairperson: Prof. Dr. Syed Hafizur Rahman, Jahangirnagar University	Chairperson: Dr. Sayed Mohammad Nazim Uddin, Associate Professor, Head of Science and Math Faculty, Asian University for Women, Chottogram.
1. Clean electricity and stable polity for green growth in sub-Saharan Africa Ibrahim Kabiru Maji¹, Mohd Yusof Saari²	1. Addressing the Problems of Fire Hazards in Shopping Centres of Dhaka City: A Case Study on Some Selected Shopping Centres in Mirpur Area Mst. Tanzila Aktar Shawon¹, Md. Main Uddin², S.M. Nawshad Hossain³, Mohammad Mizanur Rahman⁴	1. Employee Satisfaction and Retention in the Context of Sustainable Human Resource Management Mohasina Anghi¹, Farzana Arshi²
2. CO2 Management and Clean Transport Policies for Bangladesh Sunanda Majumdar¹ Dr. Razon Chandra Saha²	2. Participatory Urban Planning: a Framework for the Dhaka Metropolitan Development Plan Md. Shoaib Chowdhury¹	2. Sustainable Livelihood Options for Poor and Marginal Poor Arunava Saha¹
3. Spatial Distribution of Air Quality in Chattogram Metropolitan, Bangladesh: A Winter Time Observation Ahmad Kamruzzaman Majumder¹, Mahmuda Islam², Marziat Rahman³, Salman Tareq⁴	3. Sustainable Solid Waste Management System for the Ichamati Riverside Area of Pabna City Ashik Iqbal¹, Imtiaz Ahmed Emu², Md. Hasibul Hasan³, Sirajum Monira Popy⁴	3. Living on the Margin: Impact of the COVID-19 Pandemic on the Transgender Communities in Rural and Urban Sectors of Bogura, Bangladesh. Atia Sanjida Sushoma¹
4. Spatiotemporal Variation and Trends of Air Quality Index (AQI) in Bangladesh during 2014-2019 Ahmad Kamruzzaman Majumder¹, Md Nasir Ahmmed Patoary², Abdullah Al Nayeem³	4. Exploring Neighborhood Bonding for Sustainable Communities: A Case Study of Migrants Women Living in the Slums of Khulna City. Gulsan Ara Parvin¹, Nina Takashino², Q.S. Mukto³, MD Abid Rahman⁴, Tasnim Istiaq⁵	4. Socioeconomic Vulnerability of City Dwellers during COVID-19 Shock: A Study in Southwestern Coastal Bangladesh Nishat Tasneem¹, Md. Nasif Ahsan²

<p>5. Status of Air and Noise Quality in Coastal Area of Bangladesh: A study in Cox's Bazar Area Ahmad Kamruzzaman Majumder¹</p>	<p>5. Urban green-space availability and recommended plantation area in Dhaka South City Corporation (DSCC) using RS-GIS Syed Hafizur Rahman¹, Mahfuzul Islam²</p>	<p>5. Factor affecting workers' migration from the Handloom industries to the other profession: A case study on Sirajganj District in Bangladesh Md. Sabuj Sarker¹, Md. Al amin², Md. Shawrat Hayat Sajib³, Md. Mostafizur Rahman⁴, Most. Arifa Khatun⁵</p>
<p>6. Meteorological Influence on Air Quality Index (AQI) in Dhaka City Ahmad Kamruzzaman Majumder¹, Anika Tahsin¹, Abdullah Al Nayeem³</p>	<p>6. Evaluation of Subjective Quality of Urban Life amid Covid-19: Case Study of Chattogram Ananya Nandy¹, Dr. Mohammad Rokibul Kabir², Nafisa Syed³</p>	<p>6. Transformation Trends of Agricultural Land and its Impact on the Livelihood, Food Security and other Developments in Bangladesh Dr. S M Alauddin¹, Subrata Kumar Das²</p>
<p>7. A Winter Time Observation of Particulate Matters in Dhaka Metropolitan Ahmad Kamruzzaman Majumder¹, Abdullah Al Nayeem², Marziat Rahman³, Osman Abdulkadir Osman⁴</p>	<p>7. Sustainable PET bottle recycling Industry: A case study of Bangladesh Petrochemical Company Limited. Fatema Khatun¹, Md. Saiful Islam², Rabeya Gulshan Ara³, Mst. Antaz hena Akhi⁴, Rayhana Akter⁵, Sara Zabeen⁶</p>	<p>7. Motivating Factors of the People living in River Erosion prone area: A study in Faridpur, Bangladesh Md. Mizanur Rahman¹, Oliver Tirtho Sarkar²</p>
<p>8. Microbial Analysis of Atmospheric Environment with the Comparison of Indoor and Outdoor Air and its impact on public health in the case of Dhaka City Emita Khanam Oishe¹, Ahmad Kamruzzaman Majumder²</p>	<p>8. Slum gardening - An opportunity for Dhaka to become a green city: A study on Bhashantek Slum Supravo Chowdhury Nipu¹</p>	<p>8. Leveraging the dimensions of social challenges, social justice besides employment resolution techniques of indigenous Marma people Tarnima Warda Andalib¹, Sushant Chandra Sarker², Dil Rowshan Zinnat Ara Nazneen³</p>
<p>9. Review on seasonal variation of air pollutants at selected locations of Bangladesh over the period Tanvir Ahmad¹</p>	<p>9. Foot Overbridges in Dhaka: Sustainability, Inclusivity, and Reforms Ahmad Tousif Jami¹, Adhaura Madhuri²</p>	<p>9. Food Safety and Environmental Awareness of Street Food Vending: A Case Study on Savar Municipality Md. Zibon Ahmmed¹, Md. Shaon Sagar², Mst. Tanzila Aktar Shawon³, Sheikh Md. Monzurul Huq⁴</p>

<p>10. Spatial Distribution of Air Quality in Noakhali District Town, Bangladesh: A Winter Time Observation</p> <p>Ahmad Kamruzzaman Majumder¹, Mahmuda Islam², Marziat Rahman³</p>	<p>10. Study on Thermal Performance of Concrete Hollow Block Building Envelop as a Sustainable Alternative of Clay Burnt Bricks in Bangladesh</p> <p>Monjur Parvez¹, Md. Nafizur Rahman², Md. Ashraful Alam³</p>	
	<p>11. 3:3:2 - A Sustainable Urban Development Model: Transforming Dhaka into a Sustainable Mega-City</p> <p>Saleheen Siddique¹, Umma Hani Mim², Eyamin Bin Aman³, Md. Rayhan Ahmed⁴</p>	
<p>End of Day 1</p>		

DAY 2

Date: February 20, 2022 (Sunday)

Parallel Sessions Time: 9:30 AM – 12:00 PM		
Parallel Session 1	Parallel Session 2	Parallel Session 3
Zoom link: https://bdren.zoom.us/j/67965083958	Zoom link: https://bdren.zoom.us/j/63416694376	Zoom link: https://bdren.zoom.us/j/67333975655
Theme: DRR: Inclusive Resilience	Theme: Disability and Development	Theme: Coastal Zone Management Chairperson:
Time: 9:30 AM – 11:00 AM	Time: 9:30 AM – 12:00 PM	Time: 9:30 AM – 11:00 AM
Co-Chairpersons: Dr. Mohammad Najmul Islam, Associate Professor, Department of Geography and Environment, Pabna University of Science and Technology Dr. Shafiqul Islam, Associate Professor and Head, Dept. of Environment, SUB	Chairperson: Prof. Dr. Abdul Shaban, Tata Institute of Social Sciences, Mumbai, India Panelist: Ms. Ashrafunnahar Misti, Executive Director, WDDF Mr. Vashkar Bhattacharjee, National Consultant, a2i Project, PMO office	Chairperson: Dr. Sara Nowreen, Associate Professor, IWFM, BUET
<ol style="list-style-type: none"> 1. Community Resilience to the Risks of River Erosion and its Impacts on the Livelihoods and Other Resources along with Policy Implications in the Central Floodplains of Bangladesh S. M. Alauddin, PhD¹ Professor Dr. Md. Akbar Hussain² 	<ol style="list-style-type: none"> 1. Collaboration with the ICT Ministry for Sustainable Livelihood of Persons with Disabilities Iftekhar Ahmed¹ 	<ol style="list-style-type: none"> 1. Willingness to Pay for Quality Water Supply Service in Coastal Urban Settings: Evidence from Khulna, Bangladesh Md. Karimul Islam¹, Rabbani Akter², Mohammed Ziaul Haider³
<ol style="list-style-type: none"> 2. A Study on the Potentiality of Earth-Bag Shelter as an Immediate Disaster Response and Humanitarian Crisis in Bangladesh Md. Nafizur Rahman¹, Monjur Parvez², Md. Asharaful Alam³ 	<ol style="list-style-type: none"> 2. Employment of Persons with Disabilities: Prospect and Challenges Abdur Rakib¹ 	<ol style="list-style-type: none"> 2. Water Sources and Supply Process in Climate Resilient Coastal Communities: Experience from Khulna and Bagerhat Districts M Manjurul Islam¹, Ashish Barua², Moumita Sen³

<p>3. Enhance resilience capabilities through innovative approaches for disaster-vulnerable communities. Ananda Kumar Das¹</p>	<p>3. Disability inclusive climate change adaptation Refata Nasim¹, Tazeen Hossain²</p>	<p>3. Promoting Alternative Income Generating Activities (AIGAs) for Enhanced Sustainability and Resilience of Coastal Afforestation in Bangladesh Jarin Tasneem Oyshi¹, Istiak Ibne Rouf², Mohaimin UI Kabir³, Md. Samiullah⁴, Sharmin Nahar Nipa⁵, Roufa Khanum⁶, & Dr. Ainun Nishat⁷</p>
	<p>4. Journey towards independent living – A pilot study on adults with Down syndrome in Bangladesh. Mizanur Rahman Jewel¹</p>	<p>4. A Comprehensive Overview of the Impacts of Natural and Anthropogenic Activities on Biodiversity and Ecosystem Restoration of Sundarban Md. Rakib Hasan¹, Tahmid Ahmed²</p>
	<p>5. Improving mental health for children and young people through bridging the gaps between community needs and support systems at the grassroot level of Bangladesh, an ADD approach. Abdullah Al Harun¹</p>	
	<p>6. Overcoming health inequalities: considerable areas to ensure access to eye health care for persons with disabilities. Syeda Asma Rashida¹</p>	

Parallel Sessions Time: 11:30 AM – 1:30 PM	
Parallel Session 1	Parallel Session 2
Zoom link: https://bdren.zoom.us/j/67470810677	Zoom link: https://bdren.zoom.us/j/65742581591
Theme: Climate Change	Theme: Climate Actions and Innovations
Time: 11:30 AM – 1:30 PM	Time: 11:30 AM – 1:30 PM
Chairperson: Dr. Sajal Roy, Centre for Livelihoods and Wellbeing (CLAW), UTS Business School, University of Technology Sydney	Chairperson: Dr. Uthpal Kumar, WUR, Managing Director, Delta Research Initiative
<ol style="list-style-type: none"> 1. A Web-Based Geospatial Information Services: Supporting Climate Change Analysis, Disaster Management and Environment K.H. Razimul Karim¹, Champa Rani Saha², Md. Mostafizur Rahman³ 	<ol style="list-style-type: none"> 1. Healthcare Services in Public Hospitals in Bangladesh during the COVID-19 Outbreak Shaharior Rahman Razu¹ and Israt Jahan²
<ol style="list-style-type: none"> 2. Drivers of Socio-Physical Disaster-Based Change and Socio-Ecological Transformation in the Indian Sundarbans in the Face of Climate Change Kousik Das Malakar¹, Gloria Kuzur², Supriya Roy³ 	<ol style="list-style-type: none"> 2. An Assessment into the Development of Ecotourism in Protected Areas: A Case Study of Lawachara National Park in Bangladesh Tahmid Ahmed¹, Md. Rakib Hasan²
<ol style="list-style-type: none"> 3. Climate change mitigation and adaptation strategies in the garment and textile industries of Bangladesh Mohammad Jalal Uddin¹ 	<ol style="list-style-type: none"> 3. Precautionary and Mercantilist Approach to Demand for International Reserve: An Empirical Investigation Sahabuddin Ahmed Seikdear¹, Mahmudul Hasan², Imtiaz Ahmed³, Mobasshir Anjum⁴

<p>4. The Role of Co-management in Climate Change, Disaster and Pandemic Nexus Md. Mahfuzul Islam¹</p>	<p>4. Factors influencing tobacco Smoking among University students during COVID 19: A case study of Chattogram, Bangladesh Ananya Nandy¹, Aditi Barua²</p>
<p>5. Monitoring, Reporting, Verification (MRV) for National Adaptation Plan Process in Bangladesh Shajal Mehedi¹, Ahmmed Zulfiqar Rahaman²</p>	<p>5. An Artificial Intelligence-based Framework to Achieve the Sustainable Development Goals in the Context of Bangladesh Md. Tarek Hasan¹, Mohammad Nazmush Shamael², Arifa Akter³, Rokibul Islam⁴</p>
<p>6. Flood Risk Assessment of Grounded Solar Power Plant (100 MWAC) in Sonagazi, Feni and Formulation of Mitigation Measures Tanvir Mahtab Fahim¹, Ahmmed Zulfiqar Rahaman², Gazi Md. Riasat Amin³, Tahmid Saif Ahmed⁴</p>	<p>6. Cyber Crime: What an Engineer Can Do Md. Awinul Hoque Utsha¹, Farshid Rafiq², Mobashera Israq³, Mahmudul Hasan⁴, Tayrin Tunzina⁵, Shahed Rahman Bhuiyan⁶, Shoib Ahmed Shourav⁷</p>
<p>7. STEAM education and innovation learning towards tackling climate change in Bangladesh Naiyer Fatema Khanom¹</p>	<p>7. Challenges and Opportunities of Population Aging towards Achieving Sustainable Development Goals (SDGs) of Bangladesh Mohammad Didar Hossain¹</p>
<p>8. Climate Induced Migration: Case Studies from Different Hotspots in Bangladesh Jarin Tasneem Oyshi¹, Mohaimin Ul Kabir², Mohammad Samiullah³, Fahima Ferdous⁴, Istiak Ibne Rouf⁵, Saw Mu Haque Rasel⁶, Sharmin Nahar Nipa⁷, Roufa Khanum⁸, Ainun Nishat⁹</p>	<p>8. Emphasis on Environmental Sustainability in Bhutan's Philosophy of Gross National Happiness (GNH) And Relevance of It in Bangladesh. Shosunth Chandra Sarker¹, Dr. Tarnima Warda Andalib², Dr. Dil Rowshan Zinnat Ara Nazneen³</p>

<p>9. Effect of Climate Change on Water Resources Dr. Md. Lutfor Rahman¹</p>	<p>9. Green Banking as a strategic action to face the climate change in Bangladesh Liza Akter Papya¹, Noman Al Mamun²</p>
<p>10. Impact of Covid-19 on Mental Stress of Climate Migrant Older Women in Dhaka City slum Karisma Amjad¹</p>	<p>10. Gender, Climate change adaptation, and Cultural Sustainability: Insights from Bangladesh Dr. Sajal Roy¹</p>
	<p>11. Time Series Analysis of Atmospheric Nitrogen Dioxide (NO₂) Associated with Climate Variables in Bangladesh Ahmad Kamruzzaman Majumder¹, Sanjida Akter² and Abdullah Al Nayeem³</p>
	<p>12. Youth and Their Mental Health in Digital Era James Hedayet Zaman ¹, Md. Safat Khan², Arpita Saha³, Zahirul Islam⁴</p>
<p>Break: 1:30 PM – 2:30 PM</p>	

Day 2- SUNDAY, FEBRUARY 20, 2022

Conference Closing Session

Platform: Zoom

Zoom Link: <https://bdren.zoom.us/j/66173353623>

2:30 - 4:00 PM

Chair: Prof. Dr. Abul Kashem, Pro-Vice Chancellor, United International University

Closing Speaker: Dr. Seetharam M.R, SWA CSO Steering Committee Representative, South Asia

Guest of Honor: Prof. Dr. Abdus Shaban, Tata Institute of Social Sciences, Mumbai, India

Conference Closing Remarks by: Mr. Shafiqul Islam, Country Director, ADD International, Bangladesh

Vote of Thanks: Prof. Dr. Hamidul Huq, Convenor, 5th UIU-ICSD 2022.