

Water and Ecosystem Conservation for Climate Resilience
22-24 February 2025 Dhaka, Bangladesh

	Session Plan ICWFM-2025																					
BD Time:	9:30 - 11:30 AM	11:30 - 12:00 PM	12:00 PM -	1:00 PM	1:00 - 2:30	PM	2:30 - 4	1:00 PM	4:00 - 4:20 PM	4:20 - 5	:50 PM											
									TS#1 (Room	n: Tanguar)		TS#4 (Roor	n: Tanguar)									
Day1			Keynote				TS#2 (Ro	om: Nikli)	Tea Break	TS#5 (Roo	om: Nikli)											
Saturday	Inauguration/ Plenary Session	Tea Break	Title: "Water Policy And for Transformative Page 19 Page 19 Page 20 Pa		Lunch Brea	alz	TS#3 (Roo	m: Matian)		TS#6 (Roo	m: Matian)											
22- Feb	(Room: Tanguar)	Tou Dream	Dr. Leon Hermans, UNE (Room: Ta	SCO-IHE & TU Delft			Special Session #EKN Title: Youth Aspirations towards Water and Delta Governance in Bangladesh (Room: Hakaluki)			ngladesh												
BD Time:	9:00 - 10:30 AM	10:30 - 10:50 AM	10:50 - 11:50 AM	11:50 - 12:00 PM	12:00 - 1:30 PM	1:30 - 2:30 PM	2:30 - 4	1:00 PM	4:00 - 4:20 PM	4:20 - 5	:50 PM											
Day 2 Sunday	TS#7 (Room: Tanguar)		Keynote #2 Title: "Water and Ecosystems in a Changing Climate:		Panel Session #1 ITN-BUET Title: Innovation in WASH Technologies to Reduce Green House Gas Emissions (Room: Tanguar)		TS#13 (Roo	m: Tanguar)	Tea Break	TS#16 (Roo	m: Tanguar)											
23-	TS#8 (Room: Nikli)	Tea Break	Impacts and Pathways to Resilience" Prof. AKM Saiful Islam,	S Break	TS#10 (Room: Nikli)	Lunch Break	TS#14 (Ro	om: Nikli)	,	TS#17 (Room: Nikli)												
Feb					· ·	· ·						· ·			Prof. AKM Saiful Islam, IWFM, BUET		TS#11 (Room: Matian)		TS#15 (Roo	om: Matian)		TS#18 (Roo
	TS#9 (Room: Matian)		(Room: Tanguar)		TS#12 (Room: Hakaluki)		Title: Climate Resilient WASH Servi		Panel Session #2 EKN ices: Technologies in Place and Private Sector Engagement (Room: Hakaluki)													
BD Time:	9:00 - 10:30 AM	10:30 - 10:50 AM	10:50 - 11:50 AM	11:50 - 12:00 PM	12:00 - 1:30 PM	1:30 - 2:30 PM	2:30 - 4:00 PM	4:00 - 4:30 PM	4:30 - 5:30 PM	5:30 - 6:30 PM	6:30 - 8:30 PM											
	TS#19 (Room: Tanguar)				TS#22 (Room: Tanguar)																	
Day 3	TS#20 (Room: Nikli)				ICWFM Poster Session (Room: Hakaluki)	Break	TS#23 (Room: Nikli)				C. It. and D											
Monday 24- Feb	TS#21 (Room: Matian)	Tea Break			TS#24 (Room: Matian)	Lunch Break	Closing Ceremony (Room: Tanguar)	Tea Break	Cultural Program (Room: Tanguar)	Break	Dinner											
				Panel Session #3 CE er Management for E 31 (Room: Sonadub	Developing Resilient Polder																	



Session 1 (TS#1): 22 February 2025, 02:30 PM-04:00 PM

Theme: Ecosystems and Environment

SL No.	Abstract ID	Sub-theme: Ecosystem services, livelihood, and human well-being Abstract Title	Presenting Author
1	2001084	ISSUES AND CHALLENGES IN THE DELTAIC SOCIO-ECOLOGICAL SYSTEM OF BANGLADESH'S SOUTH-WEST COASTAL ZONE – AN INTROSPECTION THROUGH PATHWAYS TO RESILIENCE FRAMEWORK	Md. Mostafizur Rahman
2	1001180	SHIFTING LIVELIHOODS IN THE SUNDARBANS DEPENDENT REGION: UNDERSTANDING DRIVERS AND PATTERNS THROUGH A SOCIAL-ECOLOGICAL SYSTEM (SES) LENS	Md Rajibul Islam
3	1001043	THE ENVIRONMENTAL KUZNETS CURVE: A MULTI-INDICATOR ANALYSIS OF SOCIO-ECONOMIC AND ENVIRONMENTAL RELATIONSHIP IN BANGLADESH	Sharfaraj Khadem
4	1001141	DYNAMIC ANALYSIS AND FORECASTING OF THE EFFECT OF CHANGING LAND USE ON ECOSYSTEM SERVICE VALUE: A CA-ANN MODEL BASED APPROACH	Pronoy Kumar Bhoumik
5	100997	ASSESSMENT AND PREDICTION OF LULC AND ECOSYSTEM SERVICE VALUE IN THE GANGES RIVER BASIN OF BANGLADESH	Md. Sabit Mia
6	1001157	AN APPROACH TO DETERMINE THE ENVIRONMENTAL QUALITY INDEX IN A COASTAL REGION OF BANGLADESH USING PRINCIPAL COMPONENT ANALYSIS	Zerin Sultana
7	1001116	IMPACT OF MEGAFLOOD EVENTS ON CROP HEALTH IN THE BRAHMAPUTRA BASIN	Sazid Bin Sabbir



	Session 2 (TS#2): 22 February 2025, 02:30 PM-04:00 PM						
		Theme: Hydrometeorological Hazards and Risk					
	Sub-theme: Vulnerability and resilience in relation to water-related hazards						
SL No.	Abstract ID	Abstract Title	Presenting Author				
1	1001241	ASSESSING COMMUNITY DISASTER RESILIENCE IN THE NORTH CENTRAL BANGLADESH	Maruf Ahmed				
2	1001269	IMPACT OF WATER SALINITY ON WOMEN HEALTH UNDER THE CLIMATE CHANGE SCENARIO OF CLIMATE CHANGE IN COASTAL BANGLADESH	Md. Rezwanul Islam Shuvo				
3	1001000	IMPACT OF RECENT FLOOD ON MENTAL HEALTH IN FLOOD-PRONE AREAS OF SYLHET DIVISION, BANGLADESH	Ifta Alam Shobuj				
4	1001229	BUILDING CLIMATE RESILIENCE THROUGH WOMEN EMPOWERMENT: APPROACHES FOR ADAPTING HYDROLOGICAL HAZARDS IN A CHANGING CLIMATIC SITUATION OF DACOPE, KHULNA	Sadia Afroj				
5	2001049	VULNERABILITY OF CITY DWELLERS ON ACCESS TO WASH SERVICES DURING FLOOD: A STUDY ON SYLHET CITY CORPORATION	Md. Imam Hossain				
6	1001028	IDENTIFYING EROSION HOTSPOTS AND ASSESSING THEIR IMPACTS ON THE COMMUNITIES AT JAMUNA-TEESTA CONFLUENCE	Nishat Islam				
7	1001084	ASSESSING CLIMATE VULNERABILITY OF SELECTED COASTAL ISLANDS AND RIVERINE CHARLANDS IN BANGLADESH	Md. Mostafizur Rahman				



	Session 3 (TS#3): 22 February 2025, 02:30 PM-04:00 PM					
	Theme: Rivers, Coasts, Estuaries and Deltas					
		b-theme: Hydro-morphology and coastal erosion: measurements, simulation and				
SL No.	Abstract ID	Abstract Title	Presenting Author			
1	2001207	ASSESSING THE IMPACT OF SMALL-SCALE INTERVENTIONS IN BRAIDED CHANNEL OF BRAHMAPUTRA-JAMUNA USING DOMAIN DECOMPOSED MODELLING TECHNIQUE	Shahriar Ahmed Toufiq			
2	1001011	DETECTING LAND AREA, LAND USE AND COASTLINE CHANGES WITH CORAL REEF DISTRIBUTION OF SAINT MARTIN'S ISLAND USING GOOGLE EARTH ENGINE	Ranjan Kumar Das			
3	1001146	SIMULATION OF NEARSHORE HYDRODYNAMICS ALONG THE COASTLINE FROM COX'S BAZAR AIRPORT TO INANI BEACH USING DELFT3D	Refat Tabassum			
4	1001275	FLOW ALTERATION AND SHORELINE CHANGE AROUND SONADIA ISLAND DUE TO COX'S BAZAR AIRPORT RUNWAY EXTENSION	Sayeef Hussain			
5	1001168	AN ESTIMATION OF INDIANA LAKE MICHIGAN SHORELINE CHANGES USING LIDAR SURVEYS	Tasmiah Ahsan			
6	1001123	GEOSPATIAL ANALYSIS OF SHORELINE DYNAMICS OF MAJOR ISLANDS IN THE MEGHNA RIVER ESTUARY, BANGLADESH USING DSAS	Md. Shabit Hossain			



	Session 4 (TS#4): 22 February 2025, 04:20 PM-05:50 PM					
	Theme: Water and Livelihood Security					
	1	Sub-theme: Water security risks				
SL No.	Abstract ID	Abstract Title	Presenting Author			
1	1001144	INVESTIGATING SEXUAL AND REPRODUCTIVE HEALTH BURDEN OF 15-49 AGED EVER-MARRIED WOMEN DUE TO CLIMATE CHANGE AND SEA LEVEL RISE ASSOCIATED SALINITY INTRUSION IN COASTAL BANGLADESH	Mahin Al Nahian			
2	200967	EVALUATING WATER, SANITATION, AND HYGIENE (WASH) FACILITIES IN GOVERNMENT HEALTHCARE CENTERS OF SIRAJGANJ DISTRICT: AN ORDERED LOGIT MODEL APPROACH WITH MEAN VARIANCE ANALYSIS	B. M. Assaduzzaman Nur			
3	100955	RAINWATER QUALITY AND HUMAN HEALTH EXPOSURE: INSIGHTS FROM THREE ADJACENT SOUTH-WESTERN COASTAL DISTRICTS OF BANGLADESH	Md. Shohel Khan			
4	1001103	FROM RESOURCE TO RISK: EVALUATING THE RAINWATER QUALITY AND ASSOCIATED HEALTH ISSUES IN THE SOUTHERN COASTAL BANGLADESH	Laila Anjum Eva			
5	2001180	FOOD AND WATER INSECURITY IN BANGLADESH: SOCIO-DEMOGRAPHIC DETERMINANTS AND SEASONAL VARIATIONS USING THE FOOD INSECURITY EXPERIENCE SCALE (FIES)	Md Rajibul Islam			
6	1001245	IDENTIFICATION OF SUITABLE RURAL WATER SUPPLY OPTIONS TO EXTEND URBAN AMENITIES FOR SUSTAINABLE LIVELIHOOD IMPROVEMENT IN ARSENIC (As) CONTAMINATED AREAS OF BANGLADESH	Kasmira Camey			



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Session 5 (TS#5): 22 February 2025, 04:20 PM-05:50 PM

Theme: Water Governance

GT N	1	Sub-theme: Prioritizing water investments and interventions	
SL No.	Abstract ID	Abstract Title	Presenting Author
1	1001119	ASSESSING THE IMPACT OF PROFESSIONAL TRAINING ON CLIMATE DATA ANALYSIS USING THE KIRKPATRICK EVALUATION FRAMEWORK	Zarin Tasnim
2	1001024	CLIMATE CHANGE AND FLOOD: INSTITUIOAL GOVERNANCE AND CAPACITY IS CRUICIAL FOR RESILIENCE CITY	Proshanto Ranjan Sharma Roy
3	1001019	OPTIMIZING TRANSBOUNDARY WATER DISPUTE RESOLUTION: ASSESSING THE EFFECTIVENESS OF BENEFIT SHARING METHOD	Zayed Bin Saif
4	1001172	WATER MANAGEMENT CHALLENGES IN COASTAL POLDERS OF BANGLADESH: RETHINKING INSTITUTIONAL ISSUES	Salma Begum
5	1001199	A PEOPLE'S PLANNING & INCLUSIVE GOVERNANCE PROCESS FOR THE RESTORATION OF THE TIDAL RIVERS IN SOUTHWEST BANGLADESH	Melvin van der Veen
6	1001050	FARAKKA BARRAGE ON THE GANGES RIVER – ISSUES OF FLOOD RISK AND POTENTIAL OF DRY PERIOD WATER SCARCITY MANAGEMENT IN THE TRANSBOUNDARY BASIN IN INDIA AND BANGLADESH	Kazi Iqbal Hassan



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Session 6 (TS#6): 22 February 2025, 04:20 PM-05:50 PM

Theme: Water Infrastructure and Resilient Development

	Sub-theme: Sustainable environment and infrastructure development					
SL No.	Abstract ID	Abstract Title	Presenting Author			
1	1001094	A STUDY ON THE FLOW BEHAVIOR & EROSION ANALYSIS OVER A LATERALLY UNIFORM TURF PATCHES OF A FINITE STREAMWISE LENGTHS WITH GAPS ON A LEVEE SLOPE	Medori Jahan			
2	1001110	ENHANCING URBAN STREAM NETWORKS AND RESERVOIR CAPACITY: A CASE STUDY ON ASSESSING THE IMPACT OF HATIRJHEEL INTEGRATED PROJECT ON TRANSFORMING URBAN WATER MANAGEMENT	Md Rayhan			
3	100945	EXPERIMENTAL STUDY ON COUNTERMEASURES WITH GROUPE PILES AGAINST LOCAL SCOURING AROUND A BRIDGE PIER	Terunori Ohmoto			
4	1001107	PHYSICAL MODEL STUDY OF THE INTAKE STRUCTURE OF RAJSHAHI WASA SURFACE WATER TREATMENT PLANT PROJECT	Bikash Roy			
5	1001220	EVALUATING THE IMPACT OF PADMA AND OTHER RIVERSIDE AREAS ON RIVER BANK EROSION AND SUSTAINABLE INFRASTRUCTURE DEVELOPMENT IN RAJSHAHI	Md. Foishal Ahmed			
6	1001253	INTEGRATED ENVIRONMENTAL IMPROVEMENT AND URBAN REVITALIZATION: A CASE STUDY OF DHOLAIKHAL	Md. Monjur Kader Sarker			



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Session 7 (TS#7): 23 February 2025, 09:00 AM-10:30 AM

Theme: Ecosystems and Environment

SL No.	Abstract ID	Abstract Title	Presenting Author
1	100938	DISTRIBUTION, IDENTIFICATION CHARACTERIZATION AND POTENTIAL RISKS OF MICROPLASTICS IN WATER SEDIMENT AND BIOTA OF SAINTS MARTIN ISLAND, BANGLADESH	Md Abu Rayhan
2	2001163	A REVIEW ON MICROPLASTIC POLLUTION IN THE WATERBODIES OF BANGLADESH: SCENARIO AND IMPACT	Arafat Bin Ansar
3	1001102	ASSESSMENT OF SURFACE WATER QUALITY IN THE KARNAPHULI ESTUARY: IMPLICATIONS FOR ECOSYSTEM HEALTH	Adiba Mosharraf
4	2001102	ASSESSING MICROPLASTIC CONTAMINATION IN POA FISH GILLS AND GUTS: A THREAT TO AQUATIC ECOSYSTEM	Modhuparna Dey
5	2001078	MONTHLY CHANGES IN WATER QUALITY PARAMETERS AT KIRTONKHOLA RIVER, BARISHAL, BANGLADESH	Eti Khan Mitu
6	1001042	A STUDY ON THE GROUNDWATER QUALITY OF NATORE SADAR UPAZILA	Somudra Sourav



Session 8 (TS#8): 23 February 2025, 09:00 AM-10:30 AM

Theme: Hydrometeorological Hazards and Risk

	Sub-theme: Disaster risk assessment and decision support systems					
SL No.	Abstract ID	Abstract Title	Presenting Author			
1	100910	INUNDATION MAPPING DUE TO CYCLONES AND MONSOON RAINFALL EVENTS IN COASTAL BANGLADESH USING SAR IMAGES	Nusaiba Nueri Nasir			
2	1001165	THE SOCIO-POLITICS OF RELIEF MANAGEMENT IN DEVELOPING COUNTRIES: A STUDY IN FLOOD-AFECTED SOUTH EASTERN REGION OF BANGLADESH	Ahsan Ullah			
3	2001021	RAPID NEED ASSESSMENT FOR DISASTER RESPONSE IN SATHKANIA UPZILA FOR CHITTAGONG FLOOD 2023	Md. Mahdi Hasan Saikot			
4	1001231	ESTIMATION OF PM2.5 OF GREATER DHAKA BY DEVELOPING MULTIPLE MODELS USING REMOTELY SENSED AEROSOL OPTICAL DEPTH	Khan Jinan Ferdous			
5	1001079	QUANTIFYING THE FLASH FLOOD INDUCED DAMAGE ON VEGETATION AND IMPACT ASSESSMENT: A REMOTE SENSING AND MACHINE LEARNING BASED EXPLORATION IN EASTERN BANGLADESH	Md. Rakibul Hasan			
6	1001158	LAND USE DETECTION OF FLOOD-AFFECTED THREE COASTAL DISTRICTS OF BANGLADESH: STUDY FROM RECENT FLOOD (AUGUST 2024)	Sayed Abu Johany			
7	2001119	EVALUATING THE IMPACT OF CLIMATE CHANGE IN A HILLY CATCHMENT OF BANGLADESH: A PERFORMANCE COMPARISON OF SWAT AND HEC-HMS	Sanjida Jannat Luna			



	Session 9 (TS#9): 23 February 2025, 09:00 AM-10:30 AM					
	Theme: Rivers, Coasts, Estuaries and Deltas					
	Sub-theme: I	Riverine and coastal hazards: erosion, sedimentation, salinization, storm surge, and	d fluvio-tidal flooding			
SL No.	Abstract ID	Abstract Title	Presenting Author			
1	1001202	HINDCASTING WAVE CLIMATE DURING A SELECTED MONSOON DEPRESSION EVENT INDUCING COASTAL EROSION ALONG THE COX'S BAZAR COAST	Mursalin Ibn Mahbub			
2	1001183	INVESTIGATION OF NONLINEAR SURGE-TIDE AND WAVE INTERACTIONS DURING CYCLONE SIDR ALONG THE BANGLADESH COAST	Farhana Khadiza Liana			
3	1001145	LOCAL BED DEFORMATION AROUND A GABION SPUR DYKE	Hiroshi Cho			
4	1001067	ASSESMENT OF BED LEVEL CHANGES FOR VARYING DISCHARGE AND TAIL WATER LEVEL IN AN ASYMMETRIC BIFURCATED CHANNEL	Md. Balayet Hossain			
5	1001154	IMPACT OF THE CONTINENTAL SHELF ON THE STORM-INDUCED WAVES DURING TWO SELECTED CYCLONES ALONG THE COAST OF BANGLADESH	Md. Yeaminul Hoque			
6	1001136	MORPHOMETRIC ANALYSIS OF RIVER BASIN USING GEOSPATIAL TECHNOLOGIES: A CASE STUDY ON SANGU RIVER BASIN	Md. Ashraful Islam			



Session 10 (TS#10): 23 February 2025, 12:00 PM-01:30 PM

Theme: Ecosystems and Environment

	Sub-theme: Water pollution and ecosystem degradation					
SL No.	Abstract ID	Abstract Title	Presenting Author			
1	200955	EXPLORING THE GAP BETWEEN PERCEPTION AND REALITY OF NOAKHALI CANAL WATER QUALITY: EMPIRICAL ASSESSMENT FROM SOUTH-CENTRAL DISTRICT OF BANGLADESH	Md. Shohel Khan			
2	100988	THE INFLUENCE OF COAL MINING IN BARAPUKURIA AND ADJOINING AREAS ON GROUNDWATER QUALITY	Hasibul Zahan			
3	1001205	GROUNDWATER QUALITY ASSESSMENT OF SOUTH-WESTERN COASTAL DISTRICTS OF BANGLADESH USING CCME WQI	Rafiuzzaman Khan			
4	1001088	MAPPING AND MONITORING LAND USE LAND COVER AND LAND SURFACE TEMPERATURE USING LANDSAT IMAGERY NEAR THE PADMA MULTIPURPOSE BRIDGE	Tanvir Siddike Moin			
5	2001216	PREPARATION AND CHARACTERIZATION OF RADIATION-GRAFTED POLYMER ADSORBENT AND ITS APPLICATION IN HAZARDOUS HEAVY METALS REMOVAL FROM INDUSTRIAL WASTEWATER	Md. Abdur Rahim Miah			
6	2001061	PHYTOPLANKTON RESPONSES TO EXTREME WEATHER: CYCLONE EFFECTS IN THE TROPICAL COASTAL CANAL OF NOAKHALI, BANGLADESH	Priya Mojumder			



	Session 11 (TS#11): 23 February 2025, 12:00 PM-01:30 PM					
	Theme: Hydrometeorological Hazards and Risk					
	Sub-theme: Integrated approaches to hazard and risk management					
SL No.	Abstract ID	Abstract Title	Presenting Author			
1	1001210	FLOOD RISK ASSESSMENT OF THE NORTH-EASTERN HYDROLOGICAL REGION OF BANGLADESH USING GIS-BASED AHP AND TOPSIS MULTI-CRITERIA DECISION-MAKING METHODS	Labiba Fairoze Prottyasha			
2	1001152	IMPACT OF FLOODING IN THE EASTERN RIVER SYSTEMS OF BANGLADESH: A CASE STUDY FOR THE MATAMUHURI RIVER	Md. Rayhanur Rahman			
3	1001104	FLOOD RISK ASSESSMENT AND MITIGATION STRATEGIES FOR MEGHNA ECONOMIC ZONE USING HYDRODYNAMIC MODELING AND SCENARIO ANALYSIS	Md. Shahadat Hossain			
4	1001049	CHHANEL CAPACITY ANALYSIS OF PRIMARY DRAINS TO IDENTIFY THE BOTTLENECKS OF WATERLOGGING MANAGEMENT: A CASE STUDY ON BOITHAKHAL CATCHMENT OF SYLHET CITY CORPORATION	Md. Imam Hossain			
5	1001177	WATERLOGGING PROBLEM IN SAVAR MUNICIPAL AREA: A COMMUNITY PERCEPTION BASED APROACH FOR ASSESSMENT AND MITIGATION	Sazneen Sheela			
6	2001185	ASSESSMENT OF CYCLONE EARLY WARNING AND ANTICIPATORY ACTION FOR CYCLONE REMAL IN BANGLADESH	Ferdousi Akter Mishu			



	Session 12 (TS#12): 23 February 2025, 12:00 PM-01:30 PM				
	Theme: Rivers, Coasts, Estuaries and Deltas				
		Sub-theme: River dynamics and restoration			
SL No.	Abstract ID	Abstract Title	Presenting Author		
1	1001027	SUSTAINABLE RESTORATION OF THE SOUTH-WEST OF BENGAL DELTA: COMPARATIVE MORPHODYNAMIC ANALYSIS OF DIFFERENT OPTIONS	Siam Alam		
2	1001193	ANALYSIS OF THE MORPHOLOGICAL CHANGES AND EVALUATING THE EFFECTIVENESS OF CAPITAL DREDGING BY DETERMINING THE RATE OF SILTATION IN BHOGAI-KANGSA RIVER	A. T. M. Kamal Hossain		
3	1001221	EFFECT OF NOSE ANGLE AND DISCHARGE VARIATION ON BED LEVEL CHANGES IN ASYMMETRIC BIFURCATED CHANNEL	Md. Aliur Rahman		
4	200982	TIDAL INFLUENCE ON SPATIOTEMPORAL DYNAMICS OF SOME SELECTED WATER QUALITY PARAMETERS IN THE PASHUR RIVER ESTUARY NEAR THE SUNDARBANS	Sheikh Fahim Faysal Sowrav		
5	2001120	COASTLINE CHANGE DETECTION IN THE SUNDARBANS USING MODIS NDWI : 2001-2023 ANALYSIS	Ahad Hossain Reon		
6	100980	COMPARATIVE ASSESSMENT OF SILTATION RATE IN DIFFERENT HYDROLOGICAL ZONES OF BANGLADESH	A. T. M. Kamal Hossain		



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Session 13 (TS#13): 23 February 2025, 02:30 PM-04:00 PM

Theme: Hydrometeorological Hazards and Risk

	Sub-theme: Climate change impacts on hydrology and water resources				
SL No.	Abstract ID	Abstract Title	Presenting Author		
1	100986	USING CMIP5-CORDEX PROJECTIONS TO ASSESS FUTURE FLOOD RISK: A CASE STUDY IN THE CAUCA RIVER BASIN IN COLOMBIA	Mario Lago Benito		
2	1001020	ASSESSMENT OF TEMPERATURE CLIMATOLOGY OVER BANGLADESH DURING 1983-2022	Md. Aminul Haque Laskor		
3	1001134	PERFORMANCE OF CMIP6 GCMs IN SIMULATING RAINFALL PATTERNS OVER BANGLADESH	NS. Khan		
4	1001030	ASSESSMENT OF FUTURE FLOW IN THE TEESTA RIVER BASIN IN RESPONSE TO CLIMATE CHANGE USING CMIP6 PROJECTIONS	Himel Moulik		
5	1001239	COMPARATIVE ANALYSIS OF CLIMATE CHANGE PROJECTIONS FOR THE MYMENSINGH DIVISION, BANGLADESH USING ACCESS-CM2 AND MIROC6 MODELS	Isfar Liva		
6	100951	FUTURE CLIMATE SCENARIOS OF DHAKA: PROJECTED TRENDS IN MAJOR METEOROLOGICAL VARIABLES	Tamanna Tasnim		



Session 14 (TS#14): 23 February 2025, 02:30 PM-04:00 PM

Theme: Water and Livelihood Security

	Sub-theme: Water security risks				
SL No.	Abstract ID	Abstract Title	Presenting Author		
1	1001080	REVERSE OSMOSIS BASED ARSENIC IRON REMOVAL PLANT: A SUSTAINABLE INITIATIVE TO SERVE MILLIONS WITH SAFE DRINKING WATER	Sushanta Roy PhD		
2	2001043	ASSESSMENT OF HEAVY METAL CONCENTRATION IN GROUND WATER AND SURFACE WATER OF FORESTED WATERSHEDS IN CHATTOGRAM HILL TRACT	Sharfaraj Khadem		
3	1001057	WATER ACCESS FOR LIVELIHOOD SECURITY IN THE BANDARBAN DISTRICT: A BASELINE ASSESSMENT	Golam Rasul Shohan		
4	1001186	SCENARIO OF DRINKING WATER QUALITY FROM BARISHAL TOWARDS BHOLA COASTAL REGION IN BANGLADESH	Sk. Shahnewaz Zimi		
5	1001032	DESALINATION AS A CLIMATE RESILIENCE STRATEGY FOR COASTAL BANGLADESH: FRESH WATER AND SALT PRODUCTION	Tajvi Mahmud Rafat		
6	1001174	ANALYSIS OF POTENTIAL FISHING ZONE IN THE NORTHERN BAY OF BENGAL USING GIS AND REMOTE SENSING TECHNIQUES	Tasnim Binth Abin		



1001197

2001088

BANGLADESH

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Md. Sazedur Rahman

Kazi Iqbal Hassan

Md. Sabbir Hasan Monir

	Session 15 (TS#15): 23 February 2025, 02:30 PM-04:00 PM				
	Theme: Water Infrastructure and Resilient Development				
		Sub-theme: Climate-resilient infrastructure			
SL No.	Abstract ID	Abstract Title	Presenting Author		
1	2001081	PERFORMANCE EVALUATION AND ANOMALY DETECTION OF DASHERKANDI SEWAGE TREATMENT PLANT IN BANGLADESH USING MACHINE LEARNING MODELS	Tanvir Siddike Moin		
2	100931	INTEGRATING ARTIFICIAL INTELLIGENCE IN STRUCTURAL HEALTH MONITORING FOR ENHANCED WATER INFRASTRUCTURE RESILIENCE	Shafayet Rahman		
3	2001351	ASSESSING FLOOD INSURANCE IMPLICATIONS OF COASTAL MASTER PLAN PROJECTS IN LOUISIANA	Md Adilur Rahim		

MAPPING AND COMPARISON OF IMPERVIOUSNESS OF DHAKA METROPOLITAN

AREA (DMPA) BY USING IMAGE CLASSIFICATION AND MANUAL DIGITIZING

PLANNING AND DESIGN OF BANK PROTECTION MEASURES USING ADVANCE

CASE STUDY ON GIS-BASED WIND TURBINE SITE SELECTION, CHATTOGRAM,

MATHEMATICAL MODELLING IN THE BEKI RIVER - A TRANSBOUNDARY

TRIBUTARY OF THE BRAHMAPUTRA IN INDIA

Coggior 15 (TC#15), 22 Echanger 2025 02:20 DM 04:00 DM



HYDROLOGICAL SIMULATION

7

1001143

Zeba Tahsin Huque

		Session 16 (TS#16): 23 February 2025, 04:20 PM-05:50 PM				
	Theme: Hydrometeorological Hazards and Risk					
	Sub-theme:	: Artificial intelligence (AI) and machine learning (ML) to improve disaster prepar	edness and resilience			
SL No.	Abstract ID	Abstract Title	Presenting Author			
1	2001090	ENHANCED STREAMFLOW PREDICTION BY LONG SHORT TERM MEMORY NEURAL NETWORKS FOR UPPER MEGHNA BASIN	Kh. M. Anik Rahaman			
2	1001234	RAINFALL-RUNOFF MODELING OF TEESTA RIVER BASIN USING LSTM NETWORK	Mir Mahmid Sarker			
3	100993	ENHANCING CYCLONE PREPAREDNESS WITH MACHINE LEARNING: TRACK FORECASTING TO MINIMIZE LOSSES	Abu Sadat Md. Saim			
4	1001082	COMPARATIVE ANALYSIS OF MACHINE LEARNING AND DEEP LEARNING APPROACHES FOR RAINFALL PREDICTION WITH HYPER TUNING IN SYLHET	Syed Jil Asif Ethemud			
5	2001134	METEOROLOGICAL DROUGHT PREDICTION USING DIFFERENT FORECASTING MODELS	Zahid Imtiaz			
6	2001023	PREDICTION OF LAND USE AND LAND COVER CHANGE OF KHULNA CITY USING QGIS MOLUSCE PLUGIN (MLP-ANN) MODEL	Maisha Nazifa Kamal			
		IMPACT OF URBAN EXPANSION AND CLIMATE CHANGE ON SATARKUL				

WATERSHED IN DHAKA: INSIGHTS FROM MACHINE LEARNING AND



	Session 17 (TS#17): 23 February 2025, 04:20 PM-05:50 PM				
	Theme: Water and Livelihood Security				
		Sub-theme: Water conservation, water use efficiency and productivity			
SL No.	Abstract ID	Abstract Title	Presenting Author		
1	1001223	RESTORING DRAINAGE EFFICIENCY THROUGH CANAL RE-EXCAVATION: INSIGHTS FROM A POLDERED AREA OF KHULNA	Jubied Alam		
2	1001225	DRY SEASON AGRICULTURAL WATER MANAGEMENT FOR CROP INTENSIFICATION IN THE SALT-AFFECTED COASTAL ZONE OF BANGLADESH	Priya Lal Chandra Paul		
3	1001058	OPTIMIZING LAUNDRY EFLLUENT TREATMENT: MICROFIBER REMOVAL FOR WATER REUSE AND ECOSYSTEM HEALTH	Asif Mahmoud		
4	1001349	IMPACT OF WATER MANAGEMENT ON AGRICULTURAL FARM PRODUCTIVITY IN NORTHERN BANGLADESH	Md Abdul Wadud		
5	1001139	AUTOMATED SMART BILLING SYSTEM UNDER A PILOT STUDY IN DWASA	Md. Samin Yeaser Fahim		
6	1001194	SUBIRRIGATION IN RICE FARMING: A PROMISING STRATEGY FOR ENHANCING IRRIGATION WATER USE EFFICIENCY IN BANGLADESH	Debjit Roy		



	Session 18 (TS#18): 23 February 2025, 04:20 PM-05:50 PM				
	Theme: Water and Livelihood Security				
		Sub-theme: Management of surface water and groundwater			
SL No.	Abstract ID	Abstract Title	Presenting Author		
1	100957	PERMEABLE BLOCK PAVEMENTS: A SUSTAINABLE APPROACH TO URBAN FLOOD MANAGEMENT AND AQUIFER REPLENISHMENT	SM Nahian Al Wasi		
2	1001071	ASSESSMENT OF GROUNDWATER VULNERABILITY CONSIDERING WATER QUALITY USING DRASTIC MODEL: A CASE STUDY IN NARAYANGANJ CITY CORPORATION	Sumaya Tasnim Rasna		
3	1001023	GROUNDWATER POTENTIAL ZONES IN NORTH EAST PORTION OF BANGLADESH USING AHP TECHNIQUE	Tasmia Hamid Zim		
4	1001101	HYDROCHEMICAL EVALUATION AND SOURCE IDENTIFICATION OF COASTAL GROUNDWATER PROCESSES	Asif Adnan		
5	200977	LEVERAGING GIS TECHNOLOGY TO ANALYZE GROUNDWATER DYNAMICS AND IRRIGATION POTENTIAL IN THREE UPAZILAS: A STUDY OF WATER RESOURCES AND ENVIRONMENTAL IMPACTS IN NAOGAON DISTRICT	Farjana Islam		
6	1001255	SETTING THE STANDARD: WATER QUALITY GUIDELINES FOR MANAGED AQUIFER RECHARGE IN DHAKA	Md. Sadbir Rahman		
7	1001232	IMPACT OF LAND USE AND LAND COVER ON GROUND WATER QUALITY IN BANGLADESH	Rana Hamid		



BANGLADESH

	Session 19 (TS#19): 24 February 2025, 09:00 AM-10:30 AM					
	Theme: Ecosystems and Environment					
		Sub-theme: Water environment protection and management of aquatic habi	tats			
SL No.	Abstract ID	Abstract Title	Presenting Author			
1	1001250	ASSESSING AND PREDICTING HABITAT SUITABILITY FOR PLATANISTA GANGETICA IN THE HALDA RIVER USING MAXENT MODEL	Fahmida Jaman			
2	100928	ASSESSING THREATS TO WETLAND ECOSYSTEMS THROUGH COMMUNITY PERCEPTIONS AND SOCIO-ECONOMIC ANALYSIS: A CASE STUDY OF CHALAN BEEL, BANGLADESH	Fahad Khan			
3	1001217	MAPPING THE ECOLOGICALLY IMPORTANT AREAS OF CHATTOGRAM DISTRICT, BANGLADESH USING ANALYTICAL HIERARCHY PROCESS FOR ENHANCED WATER AND FLOOD MANAGEMENT	Fahmida Sultana			
4	2001075	POSSIBLE BENEFICIAL USE AND MANAGEMENT OF DREDGED MATERIAL OF PUSSUR RIVER FOR ROAD CONSTRUCTION IN BANGLADESH	Debanjon Shome			
5	100926	ASSESSMENT OF RAPFISH SUSTAINABILITY INDICATORS OF THE SUNDARBANS MANGROVE FISHERIES TOWARDS CREATING AND ENABLING ENVIRONMENT FOR SDG 14 IMPLEMENTATION	Mushfikur Rahman Tareque			
6	1001249	CLIMATE CHANGE IMPACT ASSESSMENT UPON THE HILSA FISH HABITAT IN RANGI ADESH	Maruf Ahmed			



Session 20 (TS#20): 24 February 2025, 09:00 AM-10:30 AM					
	Theme: Hydrometeorological Hazards and Risk				
		Sub-theme: Observed Variability and Trends in Extreme Climate Events			
SL No.	Abstract ID	Abstract Title	Presenting Author		
1	1001264	SPATIOTEMPORAL VARIATIONS OF EXTREME WEATHER EVENTS AND CLIMATE DRIVERS IN BANGLADESH	Anika Bushra		
2	1001341	SPATIOTEMPORAL ANALYSIS OF PRECIPITATION AND TEMPERATURE EXTREMES IN COASTAL BANGLADESH	Fariha Islam Mou		
3	100978	VARIABILITY OF RAINFALL IN THE SOUTH-EASTERN (SE) REGION OF BANGLADESH: TRENDS AND PROBABLE IMPACTS	Sabbid Ibnul Gafur Shuvo		
4	2001241	ASSESSING THE IMPACT OF TEMPERATURE CHANGE ON DISCOMFORT INDEX: TEMPORAL TRENDS AND SEASONAL VARIATIONS IN DHAKA CITY	Maruf Ahmed		
5	1001085	ANALYZING LAND COVER CHANGE AND ITS IMPACT ON THE URBAN HEAT ISLAND IN DHAKA CITY	Sazid Bin Sabbir		
6	1001124	RECENT SUMMER HEATWAVE IN BANGLADESH ENHANCED BY ATLANTIC MULTI-DECADAL OSCILLATION AND LARGE-SCALE ATMOSPHERIC FACTORS	Nishat Rayhana Eshita		
7	1001156	ASSESSING THE LAND USE TRANSFORMATION AND CLIMATE EXTREMES IN SIRAJGANJ MUNICIPALITY USING GIS AND RS TECHNIQUES	Sabiha Mahbuba Siza		



Session 21 (TS#21): 24 February 2025, 09:00 AM-10:30 AM

Theme: Water and Livelihood Security

	Sub-theme: Sustainable livelihoods and livelihood security				
SL No.	Abstract ID	Abstract Title	Presenting Author		
1	1001187	INCOME DISPARITIES AND HAZARD VULNERABILITIES ACROSS OCCUPATIONAL SECTORS IN COASTAL BANGLADESH	Md. Masud Rana		
2	1001265	THE ASPECTS OF SOCIO-CULTURAL DEPENDENCY AND LOCAL PEOPLE'S PERCEPTION ON A NATURAL WATER BODY: A STUDY OF THE OXBOW-LAKE COMMUNITIES IN SOUTHWEST, BANGLADESH.	Nazmul Huda		
3	1001219	FISHERMEN COMMUNITIES IN COASTAL AREAS OF BANGLADESH: LOCALLY LED ADAPTATION TO CHANGING PATTERN OF CLIMATE	Md. Sajib Sarker		
4	100991	CLIMATE CHANGE INDUCED SUSTAINABLE LIVELIHOOD OF FISHERMEN COMMUNITIES: OPPORTUNITIES AND CHALLENGES IN THE SOUTHEASTERN PART OF BANGLADESH	Imtiaz Ahmed		
5	2001131	THE IMPACTS OF INTEGRATED GHER FARMING ON FOOD SECURITY IN A COASTAL AREA OF BANGLADESH.	Farhana Parvin		
6	1001064	EVIDENCE THAT ABSCISIC ACID MEDIATES GENE ACTIVATION UNDER DROUGHT- AND SALINITY-STRESSED CONDITIONS IN PEARL MILLET	Maimuna Qazi		



	Session 22 (TS#22): 24 February 2025, 12:00 PM-01:30 PM				
	Theme: Hydrometeorological Hazards and Risk				
		Sub-theme: Nature-based solutions in disaster risk management			
SL No.	Abstract ID	Abstract Title	Presenting Author		
1	1001227	ENHANCING DISASTER RISK MANAGEMENT THROUGH NATURE-BASED SOLUTIONS IN SHYAMNAGAR UPAZILA, SHATKHIRA, BANGLADESH	Asmaul Husna Siddique		
2	1001351	QUANTIFYING FLOOD RISK REDUCTION THROUGH NATURE-BASED SOLUTIONS IN COASTAL AREAS	Md Adilur Rahim		
3	1001235	ASSESSING LAND USE AND LAND COVER CHANGES AND CLIMATIC IMPACTS WITH NBS FRAMEWORK IN COX'S BAZAR, BANGLADESH	Jakia Alam		
4	2001339	ASSESSING THE REPLICABILITY OF BANDAL-LIKE STRUCTURES FOR SEDIMENT MANAGEMENT IN THE KUAKATA REGION OF THE COASTAL ZONE OF BANGLADESH	Md. Noor Tushar		
5	1001147	SPATIAL MULTI-CRITERIA ANALYSIS FOR ALLOCATION OF NATURE-BASED SOLUTIONS (NBS) AGAINST FLOOD IN A COASTAL REGION OF BANGLADESH	Md. Omar Faruk		
6	2001157	ECOLOGICAL ASSESSMENT OF GAZIPUR CITY CORPORATION OVER A DECADE (2013-2023): AN APPROACH BASED ON URBAN THERMAL FIELD VARIANCE INDEX AND LAND USE LAND COVER CHANGES	Zerin. Sultana		



	Session 23 (TS#23): 24 February 2025, 12:00 PM-01:30 PM				
	Theme: Hydrometeorological Hazards and Risk				
		Sub-theme: Disaster risk assessment and decision support systems			
SL No.	Abstract ID	Abstract Title	Presenting Author		
1	1001169	HYDROMETEOROLOGICAL ANALYSIS OF THE UNPRECEDENTED FLOOD IN EASTERN BANGLADESH, AUGUST 2024	Mohan Kumar Das		
2	1001196	FLOODPLAIN HYDROLOGY IN NORTHERN BANGLADESH: A COMPREHENSIVE HYDROLOGIC CASE STUDY OF THE DUDHKUMAR RIVER BASIN	Md. Saiful Ashraf Munna		
3	1001256	EVALUATIING LAND SURFACE TEMPERATURE (LST) AS A DRIVING FORCE OF DROUGHT IN BANGLADESH	Khondakar Arifuzzaman		
4	1001252	MONITORING SPATIOTEMPORAL VARIATIONS OF SURFACE WATER AND ACCURACY ASSESSMENT USING ERROR MATRIX IN SUNAMGANJ DISTRICT	Maisha Ferdousi		
5	100976	RAIN-INDUCED GEOHAZARD ASSESSMENT OF BANDARBAN ROADWAYS USING GIS & AHP	Sifat Shahriar		
6	200943	ASSESSING THE IMPACT OF RIVER EROSION ON HUMAN MOBILITY: CHALLENGES AND SOLUTIONS - A CASE STUDY ON KHIDIRPUR CHAR, RAJSHAHI	Farhana Mustarin		



Session 24 (TS#24): 24 February 2025, 12:00 PM-01:30 PM						
	Theme: Water and Livelihood Security					
Sub-theme: Integrated assessment of social-ecological systems for sustainable livelihoods						
SL No.	Abstract ID	Abstract Title	Presenting Author			
1	1001192	NAVIGATING THE CHALLENGES OF SAND MINING AND DREDGING DILEMMA: COMMUNITY VULNERABILITIES AND RESPONSES IN BANGLADESH'S COASTAL RIVER SYSTEMS	Mahbub Hasan			
2	1001115	INTEGRATING ECOSYSTEM SERVICES AND MANAGEMENT PARAMETERS FOR THE SUSTAINABILITY OF THE CHALAN BEEL WETLAND AREA: A CASE OF BEEL CHALAN UNION AT PABNA DISTRICT IN BANGLADESH	Mohammad Najmul Islam			
3	1001258	VULNERABILITIES AND ADAPTATION OF FISHERMAN COMMUNITIES: PERSPECTIVE OF INTERNAL MIGRANTS IN MONGLA, BAGERHAT, BANGLADESH	Sabbir Hossain			
4	1001201	EMPOWERING CHANGE: INTEGRATING GENDER DYNAMICS IN WATERSHED MANAGEMENT FOR BANGLADESH'S HILLY REGIONS	Md. Motaleb Hossain Sarker			
5	100943	WOMEN AND FLOOD RESILIENCE IN FENI: VULNERABILITIES, EMPOWERMENT, AND GENDER-SENSITIVE ADAPTATION	Md. Tahatul Azid			
6	1001218	IDENTIFYING FLOOD AND WATERLOGGING PRONE AREAS AND ITS CAUSES THROUGH PARTICIPATORY APPROACH IN SOUTH PART OF SYLHET CITY CORPORATION	Dipta Prahar Dutt			



POSTER SESSION

24 February 2025, 10:50 AM-11:50 AM				
SL No.	Abstract ID	Abstract Title	Presenting Author	
1	100960	FLOOD MANAGEMENT IN BANGLADESH: A REVIEW OF CURRENT IMPACTS, CHALLENGES AND FUTURE DIRECTIONS	Md Anamul Hossain Chowdhury	
2	100971	ASSESSMENT OF EROSION AND ACCRETION OF BRAHMAPUTRA RIVER IN BANGLADESH USING RS AND GIS TECHNIQUES	Mashiyat Raunaq Preetom	
3	100983	HYDROLOGICAL EVENT-BASED FLASH FLOOD MODELING OF SURMA- KUSHIYARA-UPPER MEGHNA RIVER BASIN USING THE HEC-HMS MODEL	Farhan Shahriure	
4	100996	ASSESSMENT OF CLIMATE IMPACT ON INFRASTRUCTURE BY USING PILOT RAPID CLIMATE IMPACT ASSESSMENT CALCULATOR TOOL: A CASE STUDY ON URBAN DRAIN AT TAZUMUDDIN UPAZILA PARISHAD, BHOLA DISTRICT, BANGLADESH	Arpan Paul	
5	100999	THE ASSESSMENT OF ENVIRONMENTAL FLOW STATUS OF MAJOR RIVERS IN BANGLADESH: A REVIEW	Mahisha Islam Kuasha	
6	1001012	SPATIAL CHANGES OF LAND USE AND LAND COVER OF MANPURA ISLAND, BANGLADESH	Mohammad Obaid Chowdhury	
7	1001016	STAKEHOLDERS' PERCEPTION AND ROLE IN MANAGING AND IMPLEMENTING NATURE-BASED SOLUTIONS AS AN ADAPTIVE CAPACITY MECHANISM IN THE COASTAL COMMUNITY OF SOUTHERN BANGLADESH	Susmita Banik	
8	1001029	ASSESSMENT OF MORPHOLOGICAL CHANGES OF KUTUBDIA AND MATARBARI ISLANDS IN SOUTHEAST BANGLADESH USING DIGITAL SHORELINE ANALYSIS SYSTEM	Sharaf Anika Islam	
9	1001035	ADAPTATION STRATEGIES AND LIVELIHOOD VULNERABILITIES OF THE COASTAL PEOPLE IN BANGLADESH	Abu Sufian Shohag	



24 February 2025, 10:50 AM-11:50 AM				
SL No.	Abstract ID	Abstract Title	Presenting Author	
10	1001048	CLIMATE CHANGE IMPACTS AND ADAPTIVE STRATEGIES REGARDING AGRICULTURE PRACTICES: WAY TO A RESILIENT PATHWAY IN COASTAL BANGLADESH	Saurav Kumar Bakshi	
11	1001056	FLOOD RISK MAPPING USING GIS AND REMOTE SENSING TECHNOLOGY: QUANTIFYING TOPOGRAPHIC WETNESS INDEX (TWI) TO DETERMINE FLOOD RISK ZONES FOR CUMILLA DISTRICT, BANGLADESH	Nusrath Jahan Nisha	
12	1001078	CLIMATE INDUCED DAMAGES AND LOSS ASSESSMENT: ADAPTATION STRATEGIES TO ACHIEVE RESILIENCE IN COASTAL COMMUNITIES OF BHOLA IN BANGLADESH	Eti Khan Mitu	
13	1001086	ROLE OF NON-GOVERNMENT ORGANIZATIONS IN CLIMATE CHANGE ADAPTATION IN COASTAL BANGLADESH: OPPORTUNITIES AND CHALLENGES	Md. Arif Chowdhury	
14	1001091	UNDERSTANDING THE 2024 SOUTHEASTERN BANGLADESH FLOOD: AN INVESTIGATION INTO CONTRIBUTING FACTORS AND EFFECTIVE STRATEGIES	Md. Al Imran Himel	
15	1001155	USING MULTI-CRITERIA DECISION-MAKING (MCDM) TO EVALUATE LANDSLIDE RISK IN UNIONS OF BANDARBAN AND RANGAMATI	Farabi Akash	
16	1001171	GIS AND REMOTE SENSING BASED FLOOD RISK MAPPING: THE CASE OF MIRSHARAI SUB-DISTRICT IN CHATTOGRAM, BANGLADESH	Marzia Sultana Shefa	
17	1001175	COMBINATION OF ANALYTICAL AND MATHEMATICAL MODELLING APPROACH FOR PREDICTION OF RIVER BED SCOUR OF GUIDE BUNDS OF MAJOR BRIDGES	Asker Rajin Rahman	
18	1001184	ASSESSING THE EFFECT OF VEGETATION DEPLETION AND LAND SURFACE TEMPERATURE ON THERMAL COMFORT IN DHAKA CITY	Tasnuva. S. Radba	
19	1001185	ASSESSMENT OF AIR POLLUTION AND THEIR RELATIONSHIP WITH REGIONAL WEATHER AND LANDUSE PATTERN IN BANGLADESH USING REMOTE SENSING	Ferdousi Akter Mishu	
20	1001188	APPLYING CO-PRODUCTION TO IMPROVE FORECAST-BASED FLOOD PREPAREDNESS IN BANGLADESH	Sazzad Hossain	



24 February 2025, 10:50 AM-11:50 AM				
SL No.	Abstract ID	Abstract Title	Presenting Author	
21	1001211	DRINKING WATER CHALLENGES IN COASTAL BANGLADESH: INSIGHTS FROM A POST-CYCLONE FIELD STUDY	Sowmik Das Sowmya	
22	1001230	ASSESSING FLOOD RISK AND VULNERABILITY IN COX'S BAZAR: A GEOSPATIAL APPROACH FOR SUSTAINABLE FLOOD MANAGEMENT	Anamika Chowdhury	
23	1001238	'SPONGE CITY' CONCEPT POTENTIALITY IN WATER MANAGEMENT OF A SELECTED URBAN AREA	Ramisa Tanjum Rain	
24	1001263	PREDICTION OF ABOVE-GROUND BIOMASS USING MACHINE LEARNING ALGORITHM AND COMPARATIVE ANALYSIS ACROSS DIFFERENT TIME PERIODS	Md Azmain Rahman	
25	1001270	APPLICATION OF MANAGED AQUIFER RECHARGE FOR GROUNDWATER MANAGEMENT IN SOUTH-WESTERN COASTAL REGION OF BANGLADESH	Sadia Ishrat Nisa	
26	1001278	LAND USE LAND COVER IMPACT ON THE ECOSYSTEM SERVICE VALUATION IN SUNAMGANJ	Md. Muhaiminul Islam	
27	2001111	HEALTH RISK ASSESSMENT DUE TO HEAVY METAL INGESTION IN GROUNDWATER NEAR INDUSTRIAL AREA OF BANGLADESH	Md. Jibon Ahmed	
28	2001159	IMPROVING EFFICIENCY OF SUPPLY CHAIN IN FREIGHT FORWARDING UTILIZING RIVERS OF BANGLADESH: A REVIEW	M. A. Rahman	
29	2001254	EVALUATING CONCERNS ABOUT DRINKING WATER QUALITY AND PUBLIC HEALTH IMPLICATIONS IN BANGLADESH: A DEMOGRAPHIC AND STATISTICAL ANALYSIS	Mosaraf Hosan Nishat	