

4th International Conference on Bangladesh Environment (ICBEN-4)
December 26-28, 2020

Website: <https://ben-global.net/prog2020/> (BEN) & www.bapa.org.bd/prog2020/ (BAPA)

Program Framework

Saturday, Dec 26: Evening Sessions (A, B, C) 06:00 pm – 10:30 pm (Bangladesh time)	
07:00 am (Dec 26) – 11:30 am (Dec 26) in New York 04:00 am (Dec 26) – 08:30 am (Dec 26) in Los Angeles 12:00 pm (Dec 26) – 04:30 pm (Dec 26) in London 11:00 pm (Dec 26) – 03:30 am (Dec 27) in Sydney	
(A) 06:00 pm – 07:00 pm	Opening Session
(B) 07:00 pm – 09:00 pm	First Plenary Session: “Twenty years of BAPA”
(C) 09:00 pm – 10:30 pm	Plenary Expert Session

Sunday Dec 27: Morning Sessions (D, E, F) 09:00 am – 01:30 pm (Bangladesh time)							
10:00 pm (Dec 26) – 02:30 am (Dec 27) in New York 07:00 pm (Dec 26) – 11:30 pm (Dec 26) in Los Angeles 03:00 am (Dec 26) – 07:30 am (Dec 27) in London 02:00 pm (Dec 27) – 6:30 pm (Dec 27) in Sydney							
(D) 9 am – 10:30 am	Expert Session D1	Expert Session D2	Expert Session D3	Expert Session D4	Expert Session D5	Expert Session D6	Expert Session D7
(E) 10:30 am – 12:00 am	General Session E1	General Session E2	General Session E3	General Session E4	General Session E5	General Session E5	
(F) 12 noon – 1:30 pm	Plenary General Session						

Sunday, Dec 27: Afternoon Sessions (G, H) 3 pm – 5:30 pm (Bangladesh)							
(G) 03:00 pm – 4:30 pm	Expert Session G1	Expert Session G2	Expert Session G3	Expert Session G4	Expert Session G5	Expert Session G6	Expert Session G7
(H) 04:30 pm – 05:30 pm	Exhibition/competition/cultural/etc.						

Sunday Dec 27: Evening Sessions (I, J, K) 06:00 pm – 10:30 pm (Bangladesh time)							
07:00 am (Dec 27) – 11:30 am (Dec 27) in New York 04:00 am (Dec 27) – 08:30 am (Dec 27) in Los Angeles 12:00 pm (Dec 27) – 04:30 pm (Dec 27) in London 11:00 pm (Dec 27) – 03:30 am (Dec 28) in Sydney							
(I) 06:00 pm – 07:30 pm	Expert Session I1	Expert Session I2	Expert Session I3	Expert Session I4	Expert Session I5	Expert Session I6	Expert Session I7
(J) 07:30 pm – 09:00 pm	General Session J1		General Session J2		General Session J3	General Session J4	General Session J5
(K) 09:00 pm – 10:30 pm	Plenary General Session						

Monday, Dec 28: Morning Sessions (L, M, N) 09:00 am – 01:30 pm in Bangladesh							
10:00 pm (Dec 27) – 02:30 am (Dec 28) in New York 07:00 pm (Dec 27) – 11:30 pm (Dec 27) in Los Angeles 03:00 am (Dec 28) – 07:30 am (Dec 28) in London 02:00 pm (Dec 28) – 06:30 pm (Dec 28) in Sydney							
(L) 09:00 am – 10:30 pm	Expert Session L1	Expert Session L2	Expert Session L3	Expert Session L4	Expert Session L5	Expert Session L6	Expert Session L7
(M) 10:30 am – 12:00 noon	General Session M1	General Session M2		General Session M3		General Session M4	General Session M5
(N) 12:00 noon – 01:30 pm	Expert Session (N1)	Expert Session (N2)	Expert Session (N3)	Expert Session (N4)	Expert Session (N5)	Expert Session (N6)	Expert Session (N7)

Monday, Dec 28: Afternoon Sessions (O, P) 03:00 pm – 05:30 pm (Bangladesh)						
(O) 03:00 pm – 04:30 pm	Expert Session O1	Expert Session O2	Expert Session O3	Expert Session O4	Expert Session O5	Expert Session O6
(P) 04:30 pm – 05:30 pm	Exhibition/competition/cultural/etc.					

Monday, Dec 28: Evening Sessions (Q, R, S, T)

06:00 pm – 10:30 pm (Bangladesh)

07:00 am (Dec 28) – 11:30 am (Dec 28) in New York
04:00 am (Dec 28) – 08:30 am (Dec 28) in Los Angeles
12:00 pm (Dec 28) – 04:30 pm (Dec 28) in London
11:00 pm (Dec 28) – 03:30 am (Dec 29) in Sydney

(Q) 06:00 pm – 07:00 pm	Plenary Expert Session
(R) 07:00 pm – 08:30 pm	Plenary General Session
(S) 08:30 pm – 09:30 pm	Strategy Session on “Dhaka Declaration 2020”
(T) 09:30 pm – 10:30 pm	Closing Session

Note: (a) Efforts will be made to schedule presentations in such a way as to make as comfortable as possible for presenters from different time zones, subject to the constraints arising from the necessity of arranging sessions by themes/topics. (b) Each session will try to finish 5 minutes before it's end time in order to assure smooth transition between sessions.

Full Program

Saturday, Dec 26: Evening Sessions

06:00 pm – 10:30 pm (Bangladesh time)

07:00 am (Dec 26) – 11:30 am (Dec 26) in New York
04:00 am (Dec 26) – 08:30 am (Dec 26) in Los Angeles
12:00 pm (Dec 26) – 04:30 pm (Dec 26) in London
11:00 pm (Dec 26) – 03:30 am (Dec 27) in Sydney

Opening Session (A): 06:00 – 07:00 pm

Chair: **Sultana Kamal** (BAPA)

Chief Guest: **Rehman Sobhan**, Centre for Policy Dialogue (CPD)

National anthem

Welcome address: **S. Nazrul Islam** (BAPA and BEN)

Greetings on behalf of BAPA: **Mohd. Abdul Matin**

Greetings on behalf of BEN: **Saleh Tanveer**

Address by Chief Guest

Address by Chair

Moderator: **Sharif Jamil** (BAPA)

Session organizer/host: S M Arafat/Abrul Islam/Shahrul Islam/Hasan Nasim/Ziaur Rahman

Zoom Link : <https://zoom.us/j/96444891783>

Zoom ID : 964 4489 1783

Zoom Password : bapa

Interpretation: Sharmeen Murshid (BAPA)

Theme Session (B): 07:00 pm – 09:00 pm
“Twenty years of BAPA”

Chair: **Khondoker Bazlul Hoque** (BAPA)

Co-chair: **Taqsem Khan** (BAPA)

Chief Guest: **Saber Hossain Chowdhury**, MP

Presentation by: **S. Nazrul Islam** (BEN and BAPA) and **Mohd. Abdul Matin** (BAPA)

Discussion by: **Rehman Sobhan** (CPD)

Discussion by: **Anu Muhammad** (Jahangir Nagar University)

Discussion by: **Mujahidul Islam Selim** (CPB)

Speech by: **Jean Lambert**, MEP (London) Green Party and UK representative of EU Green Party Council

Address by the Chief Guest **Saber Hossain Chowdhury**

Response by: **S. Nazrul Islam**

Address by the Chair

Organizer/host: S M Arafat/Abrul Islam/Shahrul Islam/Hasan Nasim/Ziaur Rahman

Zoom Link : <https://zoom.us/j/96444891783>

Zoom ID : 964 4489 1783

Zoom Password : bapa

Interpretation: Sharmeen Murshid (BAPA)

Plenary Expert Session (C): 09:00 pm – 10:30 pm

Theme: Water Issues

Chair: **Ainun Nishat** (BAPA)

Co-chair: **Mustafizur Rahman** (CPD)

Khalequzzaman Md. (Lock Haven University): Teesta River Comprehensive Management Project: A Preliminary Assessment

Sufian Khandker (Arcadis, New York): Ways to protect Haor villages from wave erosion

Krishna, Gopal (India): Is Sand Mining and Dredging Killing Ganga River Basin: A Preliminary Inquiry into Cumulative Impact Assessment and Institutional Efforts to Save Ganga

Mostafa Ali (BUET): Effect of an East-West Connecting Road on the Flood Behavior of Jamuna River

Monower Hossain (IWM): Water and Flood Management Perspective in Bangladesh

Organizer/host: S M Arafat/Abrul Islam/Shahrul Islam/Hasan Nasim/Ziaur Rahman

Zoom Link : <https://zoom.us/j/96444891783>

Zoom ID : 964 4489 1783

Zoom Password : bapa

Sunday Dec 27: Morning Sessions (D, E, F)

09:00 am – 01:30 pm (Bangladesh time)

10:00 pm (Dec 26) – 02:30 am (Dec 27) in New York
07:00 pm (Dec 26) – 11:30 pm (Dec 26) in Los Angeles
03:00 am (Dec 26) – 07:30 am (Dec 27) in London
02:00 pm (Dec 27) – 6:30 pm (Dec 27) in Sydney

Parallel Expert Sessions (D1-D7): Sunday, Dec 27, 9 am – 10:30 am

Parallel Expert Session (D1): Sunday, Dec 27, 9 am – 10:30 am

Sub-theme: Economic/Legal/Management issues

Chair: **Aeshna Badruzzaman** (BEN)

Co-chair: **AKM Ahmed** (ALRD)

Farooque, Mahmud: Towards a 21st Century Participatory Model for Citizen Engagement for Environmental Protection in Bangladesh

Shahana, Dilruba: আইন ও সমাজ প্রেক্ষিতে পরিবেশ দূষণমুক্তিতে ছোটরা

Ruzaik, Fareena: Socio-Economic Challenges of Covid-19 in Sri Lanka

Khan, Kamrul Ahsan: Climate Change: Tackling Local Issues with a Global Perspective

Hassan, M. Kabir : Redefining Islamic Finance in the Light of Maqasid Al-Shariah and Sustainable Finance

Open Discussion

Speech of the Chair

Session organizer: Fokrul Islam Himel (Stamford)

Host: Abdullah Al Nayeem (Mobile: +8801815622852)

Co-Host: Md Tanvirul Islam (Mobile: +8801910170465)

Zoom Link:

<https://us02web.zoom.us/j/4208972306?pwd=d1F2bWIEanVtWWtuN3p1VGVRV0c2Zz09>

Zoom ID: 420 897 2306

Zoom Password: bapa

Parallel Expert Session (D2): Sunday, Dec 27, 9 am – 10:30 am

Sub-theme: Forest, Biodiversity, Indigenous Peoples

Chair: **Azizur Molla** (BEN)

Co-chair: **Shiba Kar** (BEN)

Khan, Farida Chowdhury: Water crisis and ecological destruction due to development activity in Chittagong Hill Tracts (CHT)

Binod, Saradar, Traditional knowledge of Mouley from Lower Gangetic Delta (Sundarbans), India

Chowdhury, Waziuddin: Building design for energy efficiency

Bowler, Michael Barry: Subtle movements at the grassroots in rural Bangladesh

Nath, Tapan Kumar: Do Urban Green Spaces Support Towards Sustainable Cities? A Review of Literature and Implications for Bangladesh

Rafiq, Mahera Binte et al. : Right to Environmental Self Determination of Indigenous People: A Reflection on Human Rights and Environmental Protection in Bangladesh

Open Discussion

Speech of the Chair

Session organizer: Ziaur Rahman Litu (WBB)

Host: Al Artat Bin Ali (Mobile: +8801674608794)

Co-Host: Shakib Al Fahad (Mobile: +88 01749410675), Shwarnali Bhattacharjee (Mobile: +88 01733546375)

Zoom Link:

<https://us02web.zoom.us/j/7113263748?pwd=eFV3UFFnM2RLVDB4dnFEUi9qMXBqZz09>

Zoom ID: 711 326 3748

Zoom Password: bapa

Parallel Expert Session (D3): Sunday, Dec 27, 9 am – 10:30 am

Theme: Rivers, Floodplains, Wetlands

Chair: **Dipen Bhattacharya** (BEN)

Co-chair: **Haseeb Md Irfanullah** (NOAMI)

Jehne, Walter: Regenerating resilient soils and bio-systems: Our only means to limit intensifying dangerous hydrological climate extremes

Khalequzzaman, Md., et al.: Proposed Framework for Ganges-Brahmaputra-Meghna Basins Compact

Kibria, Md Golam: Water chemistry, sediment geochemistry, and microbial community of different depth aquifer sediments from Chandpur and adjoining area

Modak, Sukomal: Managing the waterlogging problem of Dhaka City

Ghosh, Bijoy Kumar and Haque Anisul: Hydraulic Impact on Fish Migration in A Sariakandhi Fish Pass of Bangladesh

Open Discussion

Speech of the Chair

Session organizer: Md. Atiqur Rahman, WBB

Host: Md. Sahadat Hossain (Mobile: +88 01826324923)

Co-Host: Afrin Sharabony (Mobile: +88 01618129491), Zohaer Abtahi (Mobile: +88 01712123492)

Zoom Link:

<https://us02web.zoom.us/j/5426446189?pwd=d0xqV0ZCM1BCNmliVkl6WG1QVWl6QT09>

Zoom ID: 542 644 6189

Zoom Password: bapa

Parallel Expert Session (D4): Sunday, Dec 27, 9 am – 10:30 am

Theme: Urban and Rural Planning

Chair: **Gulam Rahman** (BAPA)

Co-chair: **Adil Mohammad Khan** (BIP)

Akter, Tahmina and Rashid, Kazi Jihadur: Spatio-temporal Change Detection of Urban Surface Water Bodies in Chattogram City using GIS and Remote Sensing Techniques

Banu, et al.: Potentials of abandoned service corridors of Government housing projects in Dhaka city

Banu et al.: Destiny of Incidental Open Spaces in Government Housing Projects in Dhaka

Mafi, Mohibullah Al and Islam, Md. Jahedul: Designing Pedestrian and Eco-Friendly Transport Facilities: A Study in Rayer Bazar Area, Dhanmondi, Dhaka

Rahman, et al.: Public Bicycle Sharing Service in Bangladesh: Alternative Public Transport and Sustainable Option

Banu et al.: Destiny of Incidental Open Spaces in Government Housing Projects in Dhaka

Md. Fazle Rabbi and Swadhin Das: Assessing The Community Service Gap Of An Urban Unit And Recognizing The Urban Engagement Of The

Open Discussion

Speech of the Chair

Organizer: Santanu Biswas Shuvo, BAPA

Host: Obaidur Rahman (Mobile: +88 01517836334)

Co-Host: Sadman Ahmed (Mobile: +88 01648394846), Tanbi Tanaya Sarker (Mobile: +88 01731221044)

Zoom Link:

<https://us02web.zoom.us/j/4432392937?pwd=djV3S1JKZS94djc0alJhKzZIUGhRUT09>

Zoom ID: 443 239 2937

Zoom Password: bapa

Parallel Expert Session (D5): Sunday, Dec 27, 9 am – 10:30 am

Theme: Health and Food

Chair: **Shahidul Islam** (BAPA)

Co-Chair: **Humayun Kabir Sumon** (BAPA)

Abedin, Mohammed Jaynal: The Impacts of Environmental Degradation and Social

Transmission on Health Hazards: A Case Study on Riverine areas of Dhaka City

আকতার নাঈমা : স্বাস্থ্য ও পরিবেশ রক্ষায় শিক্ষার্থীদের হেঁটে বিদ্যালয়ে যাতায়াতের উপর একটি সমীক্ষা

Maksud, et al.: Assessing Health Seeking Behaviour of the Rural People in Bangladesh

Majumder, et al.: Effect of COVID-19 Lockdown on Air Quality: Evidence from South Asian Megacities

Hasan, SM Mehedi and Khanam, Shamsunnahar: Securing Drinking Water: A Case Study from Mirpur Area of Dhaka City

Open Discussion

Speech of the Chair

Organizer: Sayed Siful Alam Shovon, BAPA

Host: Ahamed Sakib Antor (Mobile: +88 01750690491)

Co-Host: Umme Nabila Samanta (Mobile: +88 01980362456), Tania Sultana (Mobile: +8801521202600)

Zoom Link:

<https://us02web.zoom.us/j/6236471349?pwd=VjVuYnBPaVFDb2d5MTZlZkZlZWxRWXFDQT09>

Zoom ID: 623 647 1349

Zoom Password: bapa

Parallel Expert Session (D6): Sunday, Dec 27, 9 am – 10:30 am

Theme: Gender, Population, and Environment

Chair: **Mahbuba Nasreen** (Dhaka University)

Co-chair: **Sanaiyya Ansari** (MSF)

Biswas, Shantanu: Creating Youth Leaders to Address Climate Change

Dey, Antora: Natural Disaster-Induced Displacement: An Empirical Study on Displaced Women in Dhaka City

Majumder, Ahmad Kamruzzaman and Ahmed Imtiaz: People's Perception on Impacts of Air pollution on Plants in Bangladesh

Shoeb, Mohammad et al.: Assessment of Environmental Impact of Rohingya Influx in Cox's Bazar

Chakraborty, Tapas Ranjan and Ghosh, Anusree: Rethinking the Values of Culture and Norms in Development of Haor Basin

Open Discussion

Speech of the Chair

Organizer: Sardar Hirok Raja, BAPA

Host: Md Tariqul Islam (Mobile: +88 01913077326)

Co-Host: Kazi Mainul Islam (Mobile: +88 01742938470), K. M. Rasibul Kabir (Mobile: +88

01401885747)

Zoom Link:

<https://us02web.zoom.us/j/4741898486?pwd=cnVjdHVEa2ZlZQU8zWmZqa0E4N21OUT09>

Zoom ID: 474 189 8486

Zoom Password: bapa

Parallel Expert Session (D7): Sunday, Dec 27, 9 am – 10:30 am

Theme: Disaster Management

Chair: **Zobaidul Kabir** (BAPA)

Co-Chair: **Pavel Partha** (BARCIK)

Rahman et al.: Fire Hazard Assessment and Emergency Preparedness: Social Appraisal and Enhancing Resilience for Safer city

Alam, A. K. M. Khorshed: Future land use planning in the context of COVID-19 Pandemic Situation in Bangladesh

Alam, ANM Safiqul and Saikat, Sakhawat Hossen: A Multi-criteria Analysis based Technique to Integrate Socio Economic and Geo-physical Aspects in Formulating Disaster Resilience Capacity Zoning: A Case Study on Galachipa and Rangabali Upazila of Patuakhali District in Bangladesh

Mondal, Mili and Mondal, Mohon Kumar: Natural Disaster and Human Displacement: A Case Study of South-west Coastal Area of Bangladesh in the Context of Cyclone Amphan

Reza, Tahsin and Nahar, Naznine: An Assessment of Livelihood Vulnerabilities and Adaptation Strategies to Tidal Surges for the Urban Poor Community in Khulna City

Salam et al.: Landslide Management: A Case Study on Rangamati Region

Open Discussion

Speech of the Chair

Organizer: Samad Prodhan, BAPA

Host: Dr. Asib Ahmed (Mobile: +88 01823669058)

Co-Host: Padmanabha Chowdhury (Mobile: +88 01791713318), Abu Sabiq Mahdi (Mobile: +88 01728583006)

Zoom Link:

<https://us02web.zoom.us/j/3313694020?pwd=dkduMEF2ZGFBRHJsNUdIeGtXbG83dz09>

Zoom ID: 331 369 4020

Zoom Password: bapa

Parallel General Sessions (E1-E5): Sunday, Dec 27, 10:30 am – 12:00 noon

Parallel General Session (E1): Sunday, Dec 27, 10:30 am – 12:00 noon

Theme: Haor Bangla

Chair: **Nur Muhammad Talukdar**

Co-chair: **Ikarmul Wadud**

Tofazzal Sohel (BAPA-Habiganj): Sutang, Khowai River and Industrial Pollution

Abdul Karim Kim (BAPA-Sylhet): Surma River, Hill Cutting, Ratar Gul

Abdul Haye Hadi (Sari Bachao Andolon): Sari River and stone mining

ASM Saleh Sohel (BAPA-Moulavibazar): Manu River, Hakaluki Haor, Baikhya Beel, and Lawachara

Fojol Khan (Banchao Basia Andolon): Basia River Encroachment

Organizer/host: Aeshna Badruzzaman (BEN)

Zoom Link: <https://us02web.zoom.us/j/84710952587>

Zoom ID: 84710952587

Zoom Password: bapa

Host: S M Arafat

Rapporteur: Abu Zafor Ahmed

Parallel General Session (E2): Sunday, Dec 27, 10:30 am – 12:00 noon

Theme: Barind Bangla

Chair: **Golam Sabbir Sattar**

Co-chair: **Afzal Hossain**

SM Mizanur Rahman (BAPA-Chatmohor): Baral, sluice gates and Chalan beel

Faridul Islam (BAPA-Rangpur): Teesta, water sharing, river ecology and politics

Ziaur Rahman (BAPA-Bogra): Karotoa, encroachment, heritage

Abdul Hamid (BAPA-Pabna): Ichamati, pollution, encroachment, recovery efforts

Jamat Khan (BAPA-Rajshahi): Padma Erosion and Groundwater depletion

Session organizer/host: Mohammad Irfan

Zoom Link: <https://us02web.zoom.us/j/86391158701>

Zoom ID: 86391158701

Zoom Password: bapa

Host: Abrul Islam

Rapporteur: M Abu Rafi

Parallel General Session (E3): Sunday, Dec 27, 10:30 am – 12:00 noon

Theme: Madhya Bangla

Chair: **M. Inamul Hque** (Water and Environment Institute)

Co-chair: **Moslehuddin Ahmed**

Suruj Ali (Trimohoni): Balu, pollution, floodplain urbanization

Manik Bepari (Bosila): Buriganga, pollution, encroachment, demarcation

Ibnul Sayed Rana (Mymensingh): Old Brahmaputra, dredging, illegal sand extraction

Hassan Yousuf Khan (BAPA-Gazipur): Turag, pollution, legal and personhood of rivers

Md. Azhar Arju (Dhaleswari Rokkha Andolon): Upper Dhaleshwari

Mujibur Rahman (BAPA-Munshiganj): Lower Dhaleshwari and Munshiganj environment

AB Siddique (BAPA-Narayanganj): Shitalakya, industrial pollution

Session organizer: Dipen Bhattacharya

Zoom Link: <https://us02web.zoom.us/j/85254343201>

Zoom ID: 852 5434 3201

Zoom Password: bapa

Host: Hasan Nasim

Rapporteur: Humayara Ferdoushe

Parallel General Session (E4): Sunday, Dec 27, 10:30 am – 12:00 noon

Theme: Upkuliyo Bangla

Chair: **Badrul Imam** (DU)

Co-chair: **Azizul Haque Moni**

Anil Biswas and Zahedul Kabir (Kopotakha Bancaho Andolon): Bhabadah, Waterlogging and TRM

Rafiqul Islam (BAPA-Barisal): Kirtankhola and Barishal Ecosystem

Mejbah Mannu (BAPA-Kalapara): Andermanik and Payra and Ilish Sanctuary

Mushfiq Arif (BAPA-Barguna): Bishkhali, sand mining and encroachment

Rafiqul Islam (Brotee): Gabura/Koira Polder Issue

Organizer: Hossain Azam

Zoom Link: <https://us02web.zoom.us/s/86575562949>

Zoom ID: 865 7556 2949

Zoom Password: bapa

Host: Shahrul Islam

Rapporteur: M. Abu Rafi

Parallel General Session (E5): Sunday, Dec 27, 10:30 am – 12:00 noon

Theme: Pahari Bangla

Chair: **Syed Abul Maksud**

Co-chair: **Mihir Biswas**

Musaddek Faruqee (BAPA-Moheshkhali): Kohelia River and Matarbari

Fazlul Kader Chwdhury (BAPA-Cox's Bazar): Bankkhali, Cox's Bazar beach: development or degradation

Alauddin Alo (BAPA-Moheshkhali): Banskhali, Pekua

Abu Noman (BAPA-Chittagong): Karnafuli River and Chittagong Environment

Manjurul Kibria (BAPA-Chittagong): Halda River, water extraction, pollution

Session organizer: Mahmud Farooque

Zoom Link: <https://us02web.zoom.us/j/86575562949>

Zoom ID: 844 6216 0650

Zoom Password: bapa

Host: Ziaur Rahman

Rapporteur: Amani Hasnat

Plenary General Session (F): Dec 27, 12 noon – 1:30 pm

Theme: Nogor Bangla

Chair: **Mubasshar Hussein** (IAB)

Co-chair: **Ishrat Islam** (BUET)

Chief guest: **Atiqul Islam** (Mayor, DNCC)

Iqbal Habib (BAPA): Detailed Area Plan

Mohammad Azaz (RDRC): Rivers and canals in and around Dhaka

Akhtar Mahmud (BIP): Transportation and traffic congestion

Abul Kashem (Dhaka WASA): Sustainable water supply in Dhaka City

Session organizer/host: S M Arafat/Abrul Islam/Shahrul Islam/Hasan Nasim/Ziaur Rahman

Zoom Link: <https://zoom.us/j/92892710938>

Zoom ID: 928 9271 0938

Zoom Password: bapa

Sunday, Dec 27: Afternoon Sessions (G, H)

3 pm – 5:30 pm in Bangladesh

Parallel Expert Sessions (G1-G7): Sunday, Dec 27, 3 pm – 4:30 pm

Parallel Expert Sessions (G1): Sunday, Dec 27, 3 pm – 4:30 pm

Theme: Climate Change

Chair: **Niamul Naser** (DU)
Co-Chair: **Manzoorul Kibria** (CU)

Nahar, Naznine and Kumar, Mondal Mohon: Climate Change Adaptation through Socio-cultural Transformation: A Case Study on Shyamnagar Upazila of Satkhira District in Bangladesh

Salam, Fahima and Salam Farjana: Understanding the Socio-economic and Demographic Impacts of Climate Change on Vulnerable Groups in the Coastal Areas of Bangladesh

Karmakar, Samarendra and Das, Mohan Kumar: Study on the Human Discomfort Index and its trend in Bangladesh

Akter, Ayrin: Climate Change, Disaster and Gender Vulnerability in Bangladesh

Khan S.I.: Assessing Climate Change Adaptation Action Plan at Macro and Micro Levels in Bangladesh

Sutradhar, R. K. et. al. Spatial and Temporal Analysis of Rainfall and Temperature Trends of Bangladesh

Open Discussion
Speech of the Chair

Organizer: Fokrul Islam Himel (Stamford)
Host: Abdullah Al Nayeem (Mobile: +8801815622852)
Co-Host: Md Tanvirul Islam (Mobile: +8801910170465)

Zoom Link:
<https://us02web.zoom.us/j/4208972306?pwd=d1F2bWlEanVtWWtuN3p1VGVrV0c2Zz09>
Zoom ID: 420 897 2306
Zoom Password: bapa

Parallel Expert Sessions (G2): Sunday, Dec 27, 3 pm – 4:30 pm

Sub-theme: Pollution control

Chair: **Feroze Ahmed** (BAPA)
Co-Chair: **Ahmad Kamruzzaman Majumdar** (BAPA)

Shahiduzzaman: Status of Noise Pollution in Chattogram City Corporation: A GIS Approach

Abeer et al.: Forecasting Concentration Of Particulate Matters (PM_{2.5} & PM₁₀) By Using ANFIS Model: A Case Study of Dhaka, Bangladesh

Majumder et al.: Spatiotemporal Variation and Trends of Air Quality Index (AQI) in Bangladesh during 2014-2019

Anik, Amit Hasan et al.: Heavy Metals Contamination in Groundwater and Probable Health Risk Appraisal: A Review

Majumder et al.: A Bibliometric Analysis of Scientific Production on Air Pollution Studies in Bangladesh from 1995-2020

Majumder, Ahmad Kamruzzaman and Reza M.H.S.: Air Pollution Induced Respiratory Diseases in Bangladesh, a Perception-based Learning

Open Discussion
Speech of the Chair

Organizer: Ziaur Rahman Litu (WBB)
Host: Al Artat Bin Ali (Mobile: +8801674608794)
Co-Host: Shakib Al Fahad (Mobile: +88 01749410675), Shwarnali Bhattacharjee (Mobile: +88 01733546375)

Zoom Link:
<https://us02web.zoom.us/j/7113263748?pwd=eFV3UFFnM2RLVDB4dnFEUi9qMXBqZz09>
Zoom ID: 711 326 3748
Zoom Password: bapa

Parallel Expert Sessions (G3): Sunday, Dec 27, 3 pm – 4:30 pm

Theme: Coastal and marine environment

Chair: **Shamsul Huda** (ALRD)
Co-Chair: **Jahangir Hasan Masum** (CDP)

Islam Khan M. Nurul et al.: Conceptualizing the Paradigm to conserve the Tropical Mangrove Forest in the Southwestern Region of Bangladesh

Majumder et al.: Floating Macroplastic in Coastal Areas of Bangladesh: A Remote Sensing Approach

Islam Md. Nazrul et al.: Assessment of Physico-chemical Parameters of Water Samples Collected from the Southern Part of Bangladesh

Jamil Md. Rafsan: Seasonal Changes of Soil Salinity and Nutrients in the Coastal Bhola Island of Bangladesh

Abdullah Md. et al.: Plankton Diversity and Abundance in Relation to Biophysical Conditions around Kutubdia Island, East Coast of Bangladesh

Hossain Md. Bellal: Plastic Pollution from waste of River Mathabanga of Chuadanga district in Bangladesh

Open Discussion
Speech of the Chair

Organizer: Atiqur Rahman, BAPA
Host: Md. Sahadat Hossain (Mobile: +88 01826324923)
Co-Host: Afrin Sharabony (Mobile: +88 01618129491), Zohaer Abtahi (Mobile: +88 01712123492)

Zoom Link:

<https://us02web.zoom.us/j/5426446189?pwd=d0xqV0ZCM1BCNmliVkl6WG1QVWl6QT09>

Zoom ID: 542 644 6189

Zoom Password: bapa

Parallel Expert Sessions (G4): Sunday, Dec 27, 3 pm – 4:30 pm

Theme: Urban and Rural Planning

Chair: **Md. Shariful Islam** (BUET)

Co-Chair: **Israt Jahan**, BUP

Rahman, M. Shafiq-Ur: Assessing the Importance of Parks, Playgrounds and Open Spaces for Leisure Activities of Adolescents in Dhaka City

Islam, Tania et al.: Delineation of the Influenced Area of Upazila by Functional Regionalization Process: A case of Gazipur, Mymensingh, Kishoreganj Districts in Bangladesh

Tabasum, Muntasir et al.: A Study on The Extinction of Shyama Sundari Canal and its Impact on Rangpur City

Chowdhury, Nudmila and Akter Habiba: Access of the urban and rural unprivileged people to basic needs

Das et al.: Time Series Analysis of Land Use Land Cover Change Induced Impacts on Land Surface Moisture and Temperature: A Remote Sensing-based Growth Dynamics Comparison Between Two Major Cities of Bangladesh

Mafi Mohibullah Al and Islam Md. Jahedul: Designing Pedestrian and Eco-Friendly Transport Facilities: A Study in Rayer Bazar Area, Dhanmondi, Dhaka

Open Discussion

Speech of the Chair

Organizer: Santanu Biswas Shuvo, BAPA

Host: Obaidur Rahman (Mobile: +88 01517836334)

Co-Host: Sadman Ahmed (Mobile: +88 01648394846), Tanbi Tanaya Sarker (Mobile: +88 01731221044)

Zoom Link:

<https://us02web.zoom.us/j/4432392937?pwd=djV3S1JKZS94dJg0alJhKzZIUGhRUT09>

Zoom ID: 443 239 2937

Zoom Password: bapa

Parallel Expert Sessions (G5): Sunday, Dec 27, 3 pm – 4:30 pm

Theme: Forest and Biodiversity

Chair: **Hasin Jahan** (Water Aid)

Co-Chair: **Alamgir Kabir**, BAPA

Falguni, Audity: Declining Rights of the Garo Indigenous People over the Sal Forest of Modhupur in Bangladesh

Kawser, Umme and Ali, Kazi Md. Barkat: Assessing the Potential Effects of Temperature Variability Stress on Madhupur Deciduous (Sal) Forest

Hossain, Md. Maruf and Khan, Md. Abu Sayed Arfin: Effects of Soil Properties and Topography on Tree Biomass Stock in the Tropical Hill Forest Ecosystems of Bangladesh

Uddin, Md. Sharaf et al.: Diversity of Plant Species at Kamalganj Upazila of Moulvibazar District in Bangladesh

খান হাসান ইউসুফ : গাজীপুরে ঐতিহ্য শালবন উজার ও বনভূমি দখল

Rahman, Md. Masudur et al.: Economically Important Insect Species of Agarwood Trees (*Aquilaria malaccensis*) in Bangladesh

Open Discussion

Speech of the Chair

Organizer: Sayed Siful Alam Shovon, BAPA

Host: Ahamed Sakib Antor (Mobile: +88 01750690491)

Co-Host: Umme Nabila Samanta (Mobile: +88 01980362456), Tania Sultana (Mobile: +8801521202600)

Zoom Link:

<https://us02web.zoom.us/j/6236471349?pwd=VjVuYnBPaVFDb2d5MTZhZWxRWXFDQT09>

Zoom ID: 623 647 1349

Zoom Password: bapa

Parallel Expert Sessions (G6): Sunday, Dec 27, 3 pm – 4:30 pm

Theme: Energy and Environment

Chair: **Badrul Imam**, DU

Co-Chair: **Mahfuzur Rahman**, JUST

Rahman Md. Azimur and Haque Maliha: Spatial Method to Determine Energy Inefficiency in relation to Pollution by Synthesizing Structural, Social and Behavioral Aspects

Rahmatullah B.D.: Exploring the Opportunities to New Source of Energy: Bangladesh and World Perspectives

Hossain S. et al.: Alternative Source of Electricity by Hybrid Solar-Hydro Power Plant in Sakhoi Para of Bandarban District in Bangladesh

Rahman M. Mokhlesur and Islam M. Aminul: Environmental restoration of degraded

Zoom Password: bapa

Session (H): Sunday, Dec 27, 4:30 pm – 5:30 pm
Exhibition/competition/cultural, etc.

Sunday Dec 27: Evening Sessions (I, J, K)
06:00 pm – 10:30 pm (Bangladesh)

07:00 am (Dec 27) – 11:30 am (Dec 27) in New York
04:00 am (Dec 27) – 08:30 am (Dec 27) in Los Angeles
12:00 pm (Dec 27) – 04:30 pm (Dec 27) in London
11:00 pm (Dec 27) – 03:30 am (Dec 28) in Sydney

Parallel Expert Sessions (I1-I7): Sunday, Dec 27, 6:00 pm – 7:30 pm

Parallel Expert Session (I1): Sunday, Dec 27, 6:00 pm – 7:30 pm
Sub-theme: Health and Food Safety

Chair: **Farida Akhter** (UBINIG)

Co-Chair: **Md Irfan** (BEN)

Mitra, Amal K. Risk of Lead Poisoning in Bangladesh: A Cross-sectional Study

Mitra, Amal K. : Community Interventions Ensure Prevention of Lead Poisoning: An Education Intervention in Mississippi

Maity, Dipak Kumar : Present and future pandemic scenario of Pingla Block, Paschim Medinipur, WB

Zaman, Faruque : Pest Management and Food Safety: A Perspective for Bangladesh and Developing Countries

Haris, Parvez I : Urgent need for reducing human exposure to Cadmium from foods in Bangladesh

Open Discussion

Speech of the Chair

Organizer: Fokrul Islam Himel, Stamford

Host: Abdullah Al Nayeem (Mobile: +8801815622852)

Co-Host: Md Tanvirul Islam (Mobile: +8801910170465)

Zoom Link:

<https://us02web.zoom.us/j/4208972306?pwd=d1F2bWlEanVtWWtuN3p1VGVRV0c2Zz09>

Zoom ID: 420 897 2306

Zoom Password: bapa

Parallel Expert Session (I2): Sunday, Dec 27, 6:00 pm – 7:30 pm
Sub-theme: Rivers, Flood, and Wetland

Chair: **Monowar Hossain** (BUET)

Co-Chair: **Mihir Biswas** (BAPA)

আহমেদ মোসলেহ উদ্দিন: নদী রক্ষায় আইনের বাস্তবায়ন নাই

Dharmadhikary Shripad and Verma Avli : Sustainability study for the development of inland waterways between India and Bangladesh

Jalil, S.M.: Restoration of Moribund River- a Serious Issue in Bangladesh

Mouwa et al.: Present Status of Socio-economic Condition and Agricultural Pattern under the Flooding Situation in Tangail Region of Bangladesh

Billal Shemonti: Environment-Friendly MICP Technique to Stabilize Deltaic Soils of Bangladesh

Open Discussion

Speech of the Chair

Organizer: Ziaur Rahman Litu, WBB

Host: Al Artat Bin Ali (Mobile: +8801674608794)

Co-Host: Shakib Al Fahad (Mobile: +88 01749410675), Shwarnali Bhattacarjee (Mobile: +88 01733546375)

Zoom Link:

<https://us02web.zoom.us/j/7113263748?pwd=eFV3UFFnM2RLVDB4dnFEUi9qMXBqZz09>

Zoom ID: 711 326 3748

Zoom Password: bapa

Parallel Expert Session (I3): Sunday, Dec 27, 6:00 pm – 7:30 pm

Sub-theme: Waste Management

Chair: **Salma Safi**, BAPA

Co-Chair: **Maruf Hossain**, BAPA

Debnath, Pronab Kumar : Impacts of Plastic Shopping Bags and its Alternatives for Bangladesh

Mondal, Mili and Mamun, Sheikh Md. Mursalin: Residents' Participation in Household Solid Waste Management in Urban Slum of Khulna City

Ali et al. : Integrated Solid Waste Management Master Plan for Narayanganj City Corporation of Bangladesh

Rahman Mohammad Sohelur et al.: Radioactive Waste Management Safety Systems of Atomic Energy Centre in Dhaka, Bangladesh

Chowdhury, Md. Rashedul Hasan and Hasan, Md. Rakib: Dustbin Free Dhaka City – Establishment of Circulatory Dust Van for dynamic waste management and pollution control strategy

Karim, Tamzeed Mahbubul and Karim, AHM Zehadul: Waste Management Techniques and Suggestive Recycling Procedures for Dhaka South City Corporation: Bioenvironmental Viewpoints

Open Discussion

Speech of the Chair

Organizar: Shohag Mahazon, BAPA

Host: Md. Sahadat Hossain (Mobile: +88 01826324923)

Co-Host: Afrin Sharabony (Mobile: +88 01618129491), Zohaer Abtahi (Mobile: +88 01712123492)

Zoom Link:

<https://us02web.zoom.us/j/5426446189?pwd=d0xqV0ZCM1BCNmliVkl6WG1QVWl6QT09>

Zoom ID: 542 644 6189

Zoom Password: bapa

Parallel Expert Session (I4): Sunday, Dec 27, 6:00 pm – 7:30 pm

Sub-theme: General Environment

Chair: **M. Rostom Ali (PUST)**

Co-Chair: **Md. Ziaul Haq (DoE)**

Khandakar, Shawkat: সংকটাপূর্ণ পরিবেশে ধরিত্রী তথা বাংলাদেশ

Alam, Md. Masud and Shaik Ershad: Evaluation of Groundwater using Single Cell Thana Model for Pirgachha Upazila of Rangpur District

Eva, Esrat Jahan et al.: Estimation of Missing Rainfall Data by Interpolation Techniques for Sangu River Basin in Bangladesh

Khanam, Taznin Ara and Parvin Mahmuda: Land Use and Land Cover Patterns of Nilphamari District Detected by Remote Sensing and GIS

Majumder, Ahmad Kamruzzaman: How much has COVID-19 improved the air quality of Dhaka city?

Rahman, Md. Musfikur et al.: People's perception on apiculture practices of mustard field in Hakaluki haor of Bangladesh

Open Discussion

Speech of the Chair

Organizer: Santanu Biswas Shuvo, BAPA

Host: Obaidur Rahman (Mobile: +88 01517836334)

Co-Host: Sadman Ahmed (Mobile: +88 01648394846), Tanbi Tanaya Sarker (Mobile: +88 01731221044)

Zoom Link:

<https://us02web.zoom.us/j/4432392937?pwd=djV3S1JKZS94djg0alJhKzZIUGhRUT09>

Zoom ID: 443 239 2937

Zoom Password: bapa

Parallel Expert Session (I5): Sunday, Dec 27, 6:00 pm – 7:30 pm

Theme: Economy, Legal, and Management

Chair: **Syeda Rizwana Hasan** (BELA)

Co-Chair: **M. S. Siddique** (BAPA)

Haque, Shajibul et al.: A Case Study to Assess NGOs Activities and Its Influence as a Development Factor

Hossen, M. Anwar: Governance Perspective for Climate Change Adaptation: Conceptualizing Policy Landscape in Bangladesh

Islam Santa: Reviewing Existing Mechanisms in Utilizing Shared Water Resources of South Asian Co-riparian Countries

Rahman, A N M Foyezur and Haque, Shajibul: Assessing NGOs Activities and Its Influence in Primary Education in Contrast with Government Contribution to Primary Schools

Islam, Mohammad Fakhrul: Sustainable Development Goals (SDGs) and 4th Industrial Revaluation (4IR): A Paradoxical or a Parallel journey?

Open Discussion

Speech of the Chair

Organizer: Sayed Siful Alam Shovon, BAPA

Host: Ahamed Sakib Antor (Mobile: +88 01750690491)

Co-Host: Umme Nabila Samanta (Mobile: +88 01980362456), Tania Sultana (Mobile: +8801521202600)

Zoom Link:

<https://us02web.zoom.us/j/6236471349?pwd=VjVuYnBPaVFDb2d5MTZlZWxRWXFDQT09>

Zoom ID: 623 647 1349

Zoom Password: bapa

Parallel Expert Session (I6): Sunday, Dec 27, 6:00 pm – 7:30 pm

Theme: Climate Change

Chair: **Sojit Mondal** (India)

Co-chair: **Asib Ahmed** (DU)

Shajib, Samiul Hassan: Assessing to Role of Tobacco Companies in Causing Global Warming

Sultana Dilruba: Solutions to Climate Change in Protecting the Earth from Suffocation

Co-Host: Padmanabha Chowdhury (Mobile: +88 01791713318), Abu Sabiq Mahdi (Mobile: +88 01728583006)

Zoom Link:

<https://us02web.zoom.us/j/3313694020?pwd=dkduMEF2ZGFBRHJsNUdIeGtXbG83dz09>

Zoom ID: 331 369 4020

Zoom Password: bapa

Parallel General Sessions (J1-J5): Sunday, Dec 27, 7:30 pm – 9:00 pm

Parallel General Sessions (J1): Sunday, Dec 27, 7:30 pm – 9:00 pm

Theme: Adibashi Bangla

Chair: **Sanjeeb Dhrong**

Co-chair: **Joseph Gomes**

Pallab Chakma (CHT): Kaptai lake and Chittagong Hill Tracts

Flora Bably Talang (Koboraj anta Punjui Somaj Kollyan Songho): Greater Sylhet, attacks on Khasis and destruction to the forests

Eugin Nokrek (Modhupur): Forests destruction and Adibasis of Central Bangla

Rabindranath Soren (North Bengal): North Bengal and Adibasi heritage

Pankoj Kondo (Bangladesh Cha Shromik Union):

Gary Robert Caines (Indigenous Activist, Australia): Rights of indigenous people

Session organizer: Aeshna Badruzzaman (BEN)

Zoom Link: <https://us02web.zoom.us/j/82860030637>

Zoom ID: 828 6003 0637

Zoom Password: bapa

Host: S M Arafat

Rapporteur: Abu Zafor Ahmed

Parallel General Sessions (J2): Sunday, Dec 27, 7:30 pm – 9:00 pm

Theme: Sand Mining, Dredging, and River Transportation

Chair: **M. Feroze Ahmed** (BAPA)

Co-chair: **Gaous Pearee** (WBB)

Ainun Nishat (BAPA): Sand mining, dredging, and river transportation

Dharmadhikary, Shripad and Verma, Avli: Sustainability study for the development of inland waterways between India and Bangladesh

Maminul Haque Sarker (CEGIS): Changes in river morphology

Andrew Solomar (Bangladesh): Sand Mining in Sunamganj

Session organizer: Arafat Zubair

Zoom Link: <https://zoom.us/j/95834467080>

Zoom ID: 958 3446 7080

Zoom Password: bapa

Host: Abrul Islam

Rapporteur: M Abu Rafi

Parallel General Sessions (J3): Sunday, Dec 27, 7:30 pm – 9:00 pm

Theme: Water Pollution, Plastic Pollution, and Environmental Clean Up

Chair: **Manzurul Hassan**

Co-chair: **Sardar Hirok Raja**

Theo Thomas (London Waterkeeper, UK): Plastic pollution

Nabil Musa (Tigris River Waterkeeper): Tigris River experience

Hao Xing (Green Zhejiang, China): River angels to clean the rivers

Dibalok Singh (DSK):

Mbacke Seck (Hunn Baykeeper, Senegal): Environmental clean up

Session organizer: Dipen Bhattacharya (BEN)

Zoom Link: <https://us02web.zoom.us/j/87628483843>

Zoom ID: 876 2848 3843

Zoom Password: bapa

Host: Hasan Nasim

Rapporteur: Humayara Ferdoushe

Parallel General Sessions (J4): Sunday, Dec 27, 7:30 pm – 9:00 pm

Theme: International Experience in Protecting Environment

Chair: **Mustafizur Rahman** (CPD)

Co-chair: **Rafiqul Hasan Khan** (RSN)

Walter Jane (Australia)

Marc Yaggi (Waterkeeper Alliance, USA)

Kamrul Ahsan Khan (BEN-Australia)

Ahmad Rafay Alam (Pakistan)

Shane Rattenbury (Australia)

Session organizer: Mahmud Farooque (BEN)

Zoom Link: <https://asu.zoom.us/j/85613222516>

Zoom ID: 856 1322 2516

Zoom Password: bapa

Host: Shahrul Islam

Rapporteur: M. Abu Rafi

Parallel General Sessions (J5): Sunday, Dec 27, 7:30 pm – 9:00 pm

Theme: Haor, Wetlands, and River Ecosystems

Chair: **Hasnat Quaium**

Co-chair: **Halim Dad Khan**

Anuoam Mahmud (Voice of Haor): Sustainable tourism in Haro region

Kamrul Hasan Babu (Haor Oncholbashi): Flash flood, sedimentation, infrastructure

Enaytur Rahman (HaorBangla Foundation): Flash flood, sedimentation, infrastructure

Mustafizur Rahman (Haor Advocay Network): Health and education in Haor

Kashmir Reza (Poribesh of Haor Unnayan Sangstha): Tanguar Haor

Nayeem Wahra (Disaster Forum): Lightening-related deaths in Haor region

Abdul Ahad (DC, Sunamganj): State of the Environment in Sunamganj

Session organizer: Hossain Azam (BEN)

Zoom Link: <https://us02web.zoom.us/j/81952638131>

Zoom ID: 819 5263 8131

Zoom Password: bapa

Host: Ziaur Rahman

Rapporteur: Amani Hasnat

Plenary General Session (K): Dec 27, 9:00 pm – 10:30 pm

Theme: Climate Change, Green Recovery, SDGs, Global Health Security and Pandemic

Chair: **Atiur Rahman** (Dhaka University)

Co-chair: **Rezaul Karim Chowdhury** (Coast Trust)

Chief guest: **Zuena Aziz**, Chief of SDG Affairs at PMO

Ziaudin Ahmed (Temple University, USA): COVID-19: Global Health Security and Pandemic

Saleemul Haque (IUB, ICCCD), How to link local with global in tackling climate change?

Debapriya Bhattacharya (CPD): SDGs and COVID-19

Shahadat Hossain (University of Texas-Arlington): Waste Management

Address by the Chief Guest

Session organizer/host: Arafat Zubair

Zoom Link: <https://zoom.us/j/94791663736>

Zoom ID: 947 9166 3736

Zoom Password: bapa

Monday, Dec 28: Morning Sessions (L, M, N)

09:00 am – 01:30 pm in Bangladesh
10:00 pm (Dec 27) – 02:30 am (Dec 28) in New York
07:00 pm (Dec 27) – 11:30 pm (Dec 27) in Los Angeles
03:00 am (Dec 28) – 07:30 am (Dec 28) in London
02:00 pm (Dec 28) – 06:30 pm (Dec 28) in Sydney

Parallel Expert Sessions (L1-L7): Monday, Dec 28, 9:00 am – 10:30 am

Parallel Expert Session (L1): Monday, Dec 28, 9:00 am – 10:30 am

Theme: Climate Change

Chair: **Mahmud Farooque**, BEN

Co-Chair: **Jahirul Hoque Shakil**, SUST

Molla, Azizur: Sustain Renewable Energy – Lessons for Bangladesh from an interprofessional study conducted in two US counties

Karim, Md Masud: Cumulative Impact Assessments of Power Generations in Southeastern Bangladesh

Kamal, Sajed: "Coronavirus, Climate Change, the Economy and Renewable Energy Connecting the Dots and Its Implications for Bangladesh"

Kar, Shiba: "School forests and wood energy utilization in Wisconsin, USA: Lessons for Bangladeshi schools"

Sahu, Ranjit: Comments on coal fired power plants under construction at Rampal, Kalapara and Taltali near the Sundarbans World Heritage site of Bangladesh

Rupom R.S. et. al.: Identify The Impacts Of Climate Change On Agricultural Productivity And Future Food Security In Katakhal Upazila At Rajshahi District

Open Discussion

Speech of the Chair

Organizer: Fokrul Islam Himel (Stamford)

Host: Abdullah Al Nayeem (Mobile: +8801815622852)

Co-Host: Md Tanvirul Islam (Mobile: +8801910170465)

Zoom Link:

<https://us02web.zoom.us/j/4208972306?pwd=d1F2bWIEanVtWWtuN3p1VGVRV0c2Zz09>

Zoom ID: 420 897 2306

Zoom Password: bapa

Parallel Expert Session (L2): Monday, Dec 28, 9:00 am – 10:30 am

Theme: Pollution Control, Waste Management, and Treatment

Chair: **Hossain Azam** (BEN)

Co-Chair: **Gulshan Ara Latifa** (Stamford)

Panigrahi, K.: Is plastic waste a problem for environmental degradation?

Modak, Sukomal: Potential Danger of Elevated Level of Nitrates in Groundwater of Bangladesh

Modak, Sukomal: Reusing Treated Wastewater in Textile Process Industry and Advancing Towards Zero-Liquid Discharge

Rahman, Md. Shiblur: An Investigation on Causes and Effects of Waterlogging in the Southern Part of Bangladesh: A Case Study in Noakhali Pourashava

Hassan, Faia et al.: Assessment of Radiation Risk on Public Health around Three Large Hospitals in Dhaka city, Bangladesh

Islam, Md. Amirul: Plastic Pollution from waste at the River Padma in Bangladesh

Open Discussion

Speech of the Chair

Organizer: Ziaur Rahman Litu, WBB

Host: Al Artat Bin Ali (Mobile: +8801674608794)

Co-Host: Shakib Al Fahad (Mobile: +88 01749410675), Shwarnali Bhattacharjee (Mobile: +88 01733546375)

Zoom Link:

<https://us02web.zoom.us/j/7113263748?pwd=eFV3UFFnM2RLVDB4dnFEUi9qMXBqZz09>

Zoom ID: 711 326 3748

Zoom Password: bapa

Parallel Expert Session (L3): Monday, Dec 28, 9:00 am – 10:30 am

Theme: Rivers, floodplains, wetlands

Chair: **Farida Khan**, BEN

Co-Chair: **Bidhan Chandra Paul**, BAPA

Paul, Swapan: (Wet)landscape of Bangladesh: painting a picture of 2100

Halder, S.: Geospatial Technology And Social Learning for Indo-Bangladesh Transboundary River Basin Management"

Deka, Dhanjit: A GIS based study of morphometric parameters and LULC Change in Jonai Korong Watershed, North East India

Khalequzzaman Md. (Lock Haven University): হাওরের চলমান ভৌত অবকাঠামোগত উন্নয়ন এবং পরিবেশ সুরক্ষা-সারাংশ

Tanbi, Fatema Akter: A Review of Groundwater Management Scenario and Development Options in the Ganges Delta

Open Discussion

Speech of the Chair

Organizer: Shohag Mahazon, BAPA
Host: Md. Sahadat Hossain (Mobile: +88 01826324923)
Co-Host: Afrin Sharabony (Mobile: +88 01618129491), Zohaer Abtahi (Mobile: +88 01712123492)

Zoom Link:

<https://us02web.zoom.us/j/5426446189?pwd=d0xqV0ZCM1BCNmliVkl6WG1QVWl6QT09>

Zoom ID: 542 644 6189

Zoom Password: bapa

Parallel Expert Session (L4): Monday, Dec 28, 9:00 am – 10:30 am

Theme: Climate Change and Disaster Management

Chair: **Faruque Zaman** (BEN)

Co-Chair: **Ataur Rahaman Mitan** (BAPA)

Irfan, Mohammad T.: Bangladesh 2050: A Low-Emissions Development Path

Hughes, Nigel: Anticipating the future based on the past: the relevance of Earth's history to the climate change challenge

Hossain, Jinat: Counting gender for sustainable climate change adaptation: Reflections from coastal Bangladesh"

Islam, Jahidul: Agriculture, Food security and climate change nexus: policy context of Bangladesh

Nuzhat Fatema and Dr. Md. Ghulam Murtaza: Addressing the impact of climate change in the coastal areas of Bangladesh: Some Concerns

Open Discussion

Speech of the Chair

Organizer: Santanu Biswas Shuvo, BAPA

Host: Obaidur Rahman (Mobile: +88 01517836334)

Co-Host: Sadman Ahmed (Mobile: +88 01648394846), Tanbi Tanaya Sarker (Mobile: +88 01731221044)

Zoom Link:

<https://us02web.zoom.us/j/4432392937?pwd=djV3S1JKZS94djg0alJhKzZIUGhRUT09>

Zoom ID: 443 239 2937

Zoom Password: bapa

Parallel Expert Session (L5): Monday, Dec 28, 9:00 am – 10:30 am

Theme: Pollution Control

Chair: **Sarada Mahapatro**, Urisa, India

Co-Chair: **Shamsun Nahar Khanam**, BUP

Hossain, Md Abid et al.: An approach to sustainable municipal solid waste management: A Case Study on Barishal City Corporation

Majumder et al.: People's perception of the Impacts of Air Pollution on Social Life in Perspective of Bangladesh: a self-reported study

Joy, Limon Paul and Gouala, Anik: Fresh and Hardened Properties of Rubberized Self-Compacting Concrete: An Approach Towards Waste Tire Management

Mony, Afia Anjum Ulka et al.: Establishing Eco-friendly waste and Resource Management plant in Kushtia, Bangladesh

Nayeem, Abdullah Al et al.: Lead Pollution and Its Toxicity in Bangladesh: A Critical Review

Hossain Al-Emran: UV Base Disinfection/Air Purify for HVAC System

Open Discussion

Speech of the Chair

Organizer: Sayed Siful Alam Shovon, BAPA

Host: Ahamed Sakib Antor (Mobile: +88 01750690491)

Co-Host: Umme Nabila Samanta (Mobile: +88 01980362456), Tania Sultana (Mobile: +8801521202600)

Zoom Link:

<https://us02web.zoom.us/j/6236471349?pwd=VjVuYnBPaVFDb2d5MTZlZWxRWXFDQT09>

Zoom ID: 623 647 1349

Zoom Password: bapa

Parallel Expert Session (L6): Monday, Dec 28, 9:00 am – 10:30 am

Theme: Flood and Water

Chair: **Tuhin Wadud** (Begum Rokeya University of Rangpur)

Co-Chair: **Tariqul Islam** (SUST)

Islam, Md. Sirajul et al.: Investigation of Chlorophyll a as an Indicator for Detecting the Trophic State Index at the Kaptai Lake Ecosystems for Fisheries Management in Bangladesh

Jahan, Chowdhury Sarwar et al.: MAR Model with IWRM Approach in Barind Tract: An Adaptation Tool for Alleviating Water Scarcity in Thirsty Hard-to-Reach Area in NW Bangladesh

Sarker, Souvik and Rahman, Md. Mujibor: Morphological changes of rivers in a poldered ecosystem in Lower Bengal Delta of Bangladesh

Tabasum, Muntasir and Sabnam, Musharat: A Study on Water Logging Problem of Rangpur City

Naila, Noshin and Islam, Md. Tariqul: Environmental Changes of Raur Beel of Tangaur Haor: An Application of Litho-Biostratigraphic Approach

Tohura, Saraban et al.: A study on Ground Water Level Depletion in Dhaka City

Open Discussion
Speech of the Chair

Organizer: Sardar Hirok Raja, BAPA
Host: Md Tariqul Islam (Mobile: +88 01913077326)
Co-Host: Kazi Mainul Islam (Mobile: +88 01742938470), K. M. Rasibul Kabir (Mobile: +88 01401885747)

Zoom Link:
<https://us02web.zoom.us/j/4741898486?pwd=cnVjdHVEa2ZlZQU8zWmZqa0E4N21OUT09>
Zoom ID: 474 189 8486
Zoom Password: bapa

Parallel Expert Session (L7): Monday, Dec 28, 9:00 am – 10:30 am
Theme: Health and food

Chair: **AKM Mizanur Rahman** (BAPA)
Co-Chair: **Ibnul Sayed Rana** (BAPA)

Rahman, Arafat et al.: The COVID-19: infection, proliferation, and interventions on public health and global economy

Rahman, Farhan et al.: Investigation of Drinking Water Quality in Selected Residential Areas in Dhaka City, Bangladesh

Sabnam, Musharat et al.: A Study on Suitable Desalination Process in Bangladesh

Sultana, Mst. Tasrifa and Majumder, Ahmad Kamruzzaman: Household Filtration Cost of Drinking and Cooking Water for City Dwellers of Dhaka

Suma, Asmaul Hosna et al.: Impact of Tobacco Cultivation on Soil and Human Health in Agricultural Ecosystem at Tangail Region, Bangladesh

Open Discussion
Speech of the Chair

Organizer: Samad Prodhan, BAPA
Host: Dr. Asib Ahmed (Mobile: +88 01823669058)
Co-Host: Padmanabha Chowdhury (Mobile: +88 01791713318), Abu Sabiq Mahdi (Mobile: +88 01728583006)

Zoom Link:
<https://us02web.zoom.us/j/3313694020?pwd=dkduMEF2ZGFBRHJsNUdIeGtXbG83dz09>
Zoom ID: 331 369 4020
Zoom Password: bapa

Parallel General Sessions (M1-M5): Monday, Dec 28, 10:30 am – 12 noon

Parallel General Session (M1): Monday, Dec 28, 10:30 am – 12 noon

Theme: Juba Bangla and Role of Youth In environmental movement

Chair: **Sharif Jamil** (BAPA)

Co-chair: **Syed Saiful Alam Shovan** (BAPA)

Alamgir Kabir(Green Voice)

Sokar Al Imran (Environment Defense Network)

Shibayan Raha (350.org):

Raoman Smita (Global Law Thinkers Society)

Munira Chowdhury (Australia)

Minhaz Chowdhury (Dallas, USA)

Syed Faisal Shah (Global Youth Energy Outlook, Pakistan)

Session organizer: Aeshna Badruzzaman (BEN)

Zoom Link: <https://us02web.zoom.us/j/89888554712>

Zoom ID: 898 8855 4712

Zoom Password: bapa

Host: S M Arafat

Rapporteur: Abu Zafor Ahmed

Parallel General Session (M2): Monday, Dec 28, 10:30 am – 12 noon

Theme: The Sundarbans and coastal eco-system

Chair: **Khusi Kabir** (Nijera Kari)

Co-chair: **Abdullah Harun** (Khulna University)

Ron Sahu (USA): Pollution from coal-based power plants

Soumya Dutta (India): Coastal Zone Management

Chandrashekhara Bhattacharya (Web Bangla): Coal Ash Transportation through the Sundarbans Ecosystems

Noor Alam Sheikh (PRW): Pashur, Sundarbans, Rampal and Industrialization

Sayed Rizwana Hasan (BELA): Legal aspects of environmental movement

Session organizer: Mohammad Irfan (BEN)

Zoom Link: <https://us02web.zoom.us/j/81079703499>

Zoom ID: 810 7970 3499

Zoom Password: bapa

Host: Abrul Islam

Rapporteur: M Abu Rafi

Parallel General Session (M3): Monday, Dec 28, 10:30 am – 12 noon

Theme: Air Pollution and Fossil Fuel Industry

Chair: **Sajed Kamal** (BEN)

Co-chair: **Ahmed Kamruzzaman Majumder** (Stamford)

Anumita Roy Chowdhury (Centre for Science and Environment): Transboundary Air Pollution

Bidya Banamali (ICIMOD, Nepal): Air Pollution in South Asia

Lauri Myllivirta (CERA, Finland): Impact of coal-fired power plants

Aviva Imhof (European Climate Foundation): Energy Transition in Asia Pacific Region

Dipal Barua (Bright Green Energy Foundation): Renewable Energy in Bangladesh

Julian Vincent (Market Forces): Global transition from fossil fuel to renewables

Session organizer: Dipen Bhattacharya (BEN)

Zoom Link: <https://us02web.zoom.us/j/84806438270>

Zoom ID: 848 0643 8270

Zoom Password: bapa

Host: Hasan Nasim

Rapporteur: Humayara Ferdoushe

Parallel General Session (M4): Monday, Dec 28, 10:30 am – 12 noon

Theme: Gender, Health, and Food Security

Chair: **Rashid-E-Mahbub** (National Health Rights Movement)

Co-chair: **Farida Akter** (BAPA)

Mahbuba Nasreen (Dhaka University):

Nitish Debnath (One Health Bangladesh): One Health Approach for a Healthy Population and Environment

Mirjadee Sabrina Flora (Ministry of Health, GoB): COVID-19 in Bangladesh and public health measures

Qazi Rakibul Islam (Doctors for Health and Environment): Health budget in Bangladesh from the perspective of peoples' health and environment

Ataur Rahman Miton (BSAFE Foundation):

Session organizer: Hossain Azam (BEN)
Zoom Link: <https://us02web.zoom.us/j/81238557582>
Zoom ID: 812 3855 7582
Zoom Password: bapa

Host: Shahrul Islam
Rapporteur: M. Abu Rafi

Parallel General Sessions (M5): Monday, Dec 28, 10:30 am – 12 noon

Theme: Upper riparian issues

Chair: **Malik Fida Khan** (CEGIS)
Co-chair: **Sheikh Rokon** (Riverine People)

Parth Jyoti Das (Aranyak)
Megh Ale (Nepal River Conservation Trust)
Golam Rasul (ICIMOD, Nepal)
Senglong Youk (IUCN, Waterkeeper)
Ayesha D'Souza (International Rivers)

Session organizer; Mahmud Farooque (BEN)
Zoom Link: <https://asu.zoom.us/j/85128531704>
Zoom ID: 851 2853 1704
Zoom Password: bapa

Host: Ziaur Rahman
Rapporteur: Amani Hasnat

Parallel Expert Sessions (N1-N7): Monday, Dec 28, 12 noon – 1:30 pm

Parallel Expert Session (N1): Monday, Dec 28, 12 noon – 1:30 pm

Theme: Pollution control

Chair: **S.M. Manjurul Hannan Khan** (DoE)
Co-Chair: **Faridul Islam Feroz** (BAPA-Rangpur)

Rahman, Md. Rashedur et al.: Assessing the Management of Faecal Sludge of Kushtia Municipality in Bangladesh
Raihan Abu et al.: Site selection and environmental risks assessment of medical solid waste landfill for the City of Barishal in Bangladesh
Shoeb Mohammad: Plastic Pollution, the Environment and Human Health
Rahman Md. Rashedur et al.: Selecting suitable landfill site with multi-criteria evaluation and GIS: a case of Rajbari District in Bangladesh

Tabasum Muntasir et al.: Traffic Induced Noise Pollution and Its Impact on Human Health in Dhaka

Open Discussion
Speech of the Chair

Organizer: Fokrul Islam Himel, (Stamford)
Host: Abdullah Al Nayeem (Mobile: +8801815622852)
Co-Host: Md Tanvirul Islam (Mobile: +8801910170465)

Zoom Link:
<https://us02web.zoom.us/j/4208972306?pwd=d1F2bWIEanVtWWtuN3p1VGVrV0c2Zz09>
Zoom ID: 420 897 2306
Zoom Password: bapa

Parallel Expert Session (N2): Monday, Dec 28, 12 noon – 1:30 pm

Theme: General Environment and Cross-cutting

Chair: **Mohidul Hoque Khan** (BAPA)
Co-Chair: **Bidhan Chandra Pal** (BAPA)

Md. Nazmul Haque et. al.: How environmental profiling helps to plan for a sustainable environmental management?

Husain Md. Sajib et. al. : Analysis of land covers changes: agricultural land and water body at Sylhet, Bangladesh using GIS and RS

Fahmida Yeasmin Sami and Afiya Kashem Ishra : “An Exploration of Environmental Impact Assessment (EIA) in Bangladesh Using SWOT Analysis”

Raisa Imran Chowdhury: Diversified Role of Social Media in Increasing Climate Change Awareness among Youths in Dhaka City

Islam, Md. Muzahidul and Hossain, Md. Rakib: Assessment of the Consequences of Tropical Cyclone Aila Using Remote Sensing and GIS for Kalabogi, Dacope Upazila

Akter, Laily and Hasan, Md. Monjurul: Positive Impacts of COVID-19 on Environment and Biodiversity of Bangladesh

Open discussion
Speech of the Chair:

Organizer: Ziaur Rahman Litu, WBB
Host: Al Artat Bin Ali (Mobile: +8801674608794)
Co-Host: Shakib Al Fahad (Mobile: +88 01749410675), Shwarnali Bhattacharjee (Mobile: +88 01733546375)

Zoom Link:
<https://us02web.zoom.us/j/7113263748?pwd=eFV3UFFnM2RLVDB4dnFEUi9qMXBqZz09>
Zoom ID: 711 326 3748

Zoom Password: bapa

Parallel Expert Session (N3): Monday, Dec 28, 12 noon – 1:30 pm

Theme: Coastal and Marine Environment

Chair: **Ruhin Hossain Prince** (BAPA)

Co-Chair: **Saiful Islam Chowdhury Kalim** (BAPA-Cox's Bazar)

Arifuzzaman, G.M.: Immeasurable Water Flow in Assasuni and Koyra Upazilla: people's unfolding stories in the coastal area of Bangladesh

Ghosh, Anusree and Chakraborty, Tapas Ranjan: Sustainable Use of Marine Resources towards Achieving the Delta Plan and SDGs

Nitu et al.: Climate Change Impact: Evidences from Agriculture and Food Security in Coastal Areas in Khulna Region, Bangladesh

Rahman, M. Mokhlesur: Vulnerability of Coastal Communities and Pathways to Resilience: A case study from a social-ecological production landscape in coastal Bangladesh

Jakia Sultana: Review Article On Coral Reef And It's Importance On The Marine Life And Human Life

Saima Ahmad : Conservation of Environmental and Biodiversity State of the Feni River Estuary, Chattogram: An exploratory Study through P-S-R Model

Open Discussion

Speech of the Chair

Organizer: Shohag Mahazon, BAPA

Host: Md. Sahadat Hossain (Mobile: +88 01826324923)

Co-Host: Afrin Sharabony (Mobile: +88 01618129491), Zohaer Abtahi (Mobile: +88 01712123492)

Zoom Link:

<https://us02web.zoom.us/j/5426446189?pwd=d0xqV0ZCM1BCNmliVkl6WG1QVWl6QT09>

Zoom ID: 542 644 6189

Zoom Password: bapa

Parallel Expert Session (N4): Monday, Dec 28, 12 noon – 1:30 pm

Theme: Disaster Management

Chair: **Mokaddem Hossain** (Dhaka University)

Co-Chair: **Noor Alam Sheikh** (BAPA)

Maiti, Ramkrishna: Comparing Scientific and Social Dimensions of Hazard for Formulating an Effective Management Plan

Bhuyan, A. N. M. Masum Billah: The imperatives of avoiding plastic products for public health and environmental protection

Fatema, Nuzhat and Murtaza, Md. Ghulam: Impact of Climate Change in the Coastal Areas of Bangladesh: Some Disaster Preparedness Concerns

Ibnath, Anika et al.: Adaptation Practices of Indigenous People to Cope with Drought: A Case Study of Niamatpur Upazilla of Naogaon District, Bangladesh

Islam, Mohammad Nazrul: Coping Practices of Environmental Hazards and Disasters at Urban Poor Community in Dhaka City

Iqbal, Md. Hafiz and Hossain, Md. Amzad: Water Diplomacy as an Effective Approach to Ecological Resilience: A Case Study Farakka Barrage Impact on Bengal Delta

Open Discussion

Speech of the Chair

Organizer: Santanu Biswas Shuvo, BAPA

Host: Obaidur Rahman (Mobile: +88 01517836334)

Co-Host: Sadman Ahmed (Mobile: +88 01648394846), Tanbi Tanaya Sarker (Mobile: +88 01731221044)

Zoom Link:

<https://us02web.zoom.us/j/4432392937?pwd=djV3S1JKZS94djg0aWJhKzZIUGhRUT09>

Zoom ID: 443 239 2937

Zoom Password: bapa

Parallel Expert Session (N5): Monday, Dec 28, 12 noon – 1:30 pm

Theme: Health and Food

Chair: **A M. Muazzam Husain** (BAPA)

Co-Chair: **Shahjahan Mridha Benu** (BAPA)

Rabby, et al.: Occupational Exposure to Pesticides among Vegetable Growers and its Health Effects: A Case Study in Jashore, Bangladesh

Majumder, et al.: A Study of Indoor Air Quality and Its Impacts on Human Health at Kamrangirchar Slum of Dhaka City

A B M Hasanuzzaman: Assessing the risk perception of a community on Cyclone vulnerability: A case study of Pratapnagar, Satkhira

Abeer et al.: Human Health Impact Assessment of Exposure to PM 2.5 Using Airq+ in Bangladesh

Hossain, Md. Ishtiaq and Khanam, Shamsunnahar : Drinking Water Quality and its Impact on Human Health in Dhaka City, Bangladesh

Open Discussion

Speech of the Chair

Organizer: Sayed Saiful Alam Shovon, BAPA

Host: Ahamed Sakib Antor (Mobile: +88 01750690491)

Co-Host: Umme Nabila Samanta (Mobile: +88 01980362456), Tania Sultana (Mobile: +8801521202600)

Zoom Link:

<https://us02web.zoom.us/j/6236471349?pwd=VjVuYnBPaVFDb2d5MTZhZWxRWXFDQT09>

Zoom ID: 623 647 1349

Zoom Password: bapa

Parallel Expert Session (N6): Monday, Dec 28, 12 noon – 1:30 pm

Theme: Urban and Rural Planning

Chair: **Nurul Islam Nazem** (DU)

Co-Chair: **Rafeya Abedin** (BAPA)

Mafruha, Sumaia: Present Urban State for Dhaka Metropolitan City: A Perfect Plan or a Curse?

Nawar, Nowshin et al.: A perspective study on urban green space of Dhaka City

Sifat, Md. Samiul Islam: Spatiotemporal analysis of the Land use, Land cover (LULC) and its impact on the Land Surface Temperature (LST) of Dhaka Metropolitan Area between years (1990-2020)

Siddique, Md. Abu Bakar and Parvin, Mahmuda: Quality of life in Mymensingh City: A Case Study

Fatema, Nuzhat: Double exposures of women migrants of Khulna slums: examining their adaptation pathways

Gulshan, Jahan et al.: Characterization of Particulate Matter (PM10) in Some Selected Sites of Dhaka City for Associated Human Health Risks

Open Discussion

Speech of the Chair

Organizer: Sardar Hirok Raja, BAPA

Host: Md Tariqul Islam (Mobile: +88 01913077326)

Co-Host: Kazi Mainul Islam (Mobile: +88 01742938470), K. M. Rasibul Kabir (Mobile: +88 01401885747)

Zoom Link:

<https://us02web.zoom.us/j/4741898486?pwd=cnVjdHVEa2ZlZQU8zWmZqa0E4N21OUT09>

Zoom ID: 474 189 8486

Zoom Password: bapa

Parallel Expert Session (N7): Monday, Dec 28, 12 noon – 1:30 pm

Theme: River, Flood, Wetlands

Chair: **Golam Sabbir Sattar** (RU)

Co-Chair: **Abdul Karim Kim** (BAPA)

Nesa, Maharun and Haq, Kazi Md. Fazlul: Waterlogging in Rajnagar Bankabarsi, Bangladesh: A focus on the Impacts on the Life and Livelihood

Islam, M. Anisul and Uddin, Abu Mostafa Kamal: Flash floods vulnerability and practice of nature-based solution (NbS) to build resilience in northeastern haor communities in Bangladesh
Sameen, Shafinaz: Everyday Spatial Negotiations of the “Domestic” During Flood
Ashab et al.: Introduction of Invasive Exotic Fish Species *Pterygoplichthys* spp. : A Potential Threat to Aquatic Ecosystems of Bangladesh
Irfanullah, Haseeb Md.: Can Nature-based Solutions (NbS) Save Our Wetlands?
Islam, Md. Rajibul and Ashab, Md. Atique: Effect on capture fisheries due to climate change: an evidence from Jamuna river, Bangladesh

Open Discussion
Speech of the Chair

Organizer: Samad Prodhan, BAPA
Host: Dr. Asib Ahmed (Mobile: +88 01823669058)
Co-Host: Padmanabha Chowdhury (Mobile: +88 01791713318), Abu Sabiq Mahdi (Mobile: +88 01728583006)

Zoom Link:
<https://us02web.zoom.us/j/3313694020?pwd=dkduMEF2ZGFBRHJsNUdlleGtXbG83dz09>
Zoom ID: 331 369 4020
Zoom Password: bapa

Monday, Dec 28, Afternoon Sessions (O, P)

03:00 pm – 05:30 pm (Bangladesh time)

Parallel Expert Sessions (O1-O6): Monday, Dec 28, 03:00 pm – 4:30 pm

Parallel Expert Session (O1): Monday, Dec 28, 03:00 pm – 4:30 pm

Theme: General environment

Chair: **Tofazzal Ali** (BAPA)
Co-Chair: **Babul Hawladar** (BAPA-Kulna)

Majumder, Ahmad Kamruzzaman and Azim M.A.: Perception on Transboundary Air Pollution in Bangladesh
Sowrov, Md. Jamius Shams et al.: Performance of Co-management Organizations towards Conserving the Sundarbans Mangrove Forest
Zerin, N.H. and Sayem, A.S.M.: A Review on the Factors Affecting Particulate Matter Emission and Prioritizing Them by Applying FUZZY TOPSIS
Uddin, Md. Sharaf et al.: Diversity of Plant Species at Kamalganj Upazila of Moulvibazar District in Bangladesh
Islam, Md. Tanvirul and Nayeem, Abdullah Al: Evaluation of Land Use Land-Cover (LULC) change detection of Dhamrai Upazila, Dhaka: A Remote Sensing and GIS Approach
Parvin, Rozina et al.: An Allelopathic Effects of Litchi Chinensis on Mungbean and Soybean

Crops

Open Discussion
Speech of the Chair

Organizer: Fokrul Islam Himel (Stamford)
Host: Abdullah Al Nayeem (Mobile: +8801815622852)
Co-Host: Md Tanvirul Islam (Mobile: +8801910170465)

Zoom Link:

<https://us02web.zoom.us/j/4208972306?pwd=d1F2bWIEanVtWWtuN3p1VGVRV0c2Zz09>

Zoom ID: 420 897 2306

Zoom Password: bapa

Parallel Expert Session (O2): Monday, Dec 28, 03:00 pm – 4:30 pm

Theme: Pollution Control

Chair: **Parvez Haris** (De Montfort University, UK)

Co-chair: **Ziaur Rahman** (BAPA-Bogra)

Hasan, et al.: Adsorptive removal of dye from textile effluent and methylene blue from synthetic aqueous solution using medical waste incineration fly ash

Majumder et al.: Role of News Media to Combat Air Pollution in Bangladesh

Islam, Md. Saiful and Chowdhury, Tahmid Anam: Changes in Ambient Air Quality of Dhaka City during COVID-19 Induced Lockdown and General Holidays

Majumder et al.: People's perception regarding Impacts of Air Pollution on Reproductive Health: a self-reported study

Chowdhury et al.: Situation Study of Solid Waste Management of Rajshahi City Corporation

Sultan, Maisha Binte and Rahman, Md. Mostafizur: A Review on Metals in Urban Dust and Significance of Roadside Plants as an Indicator of Heavy Metal Pollution

Open Discussion
Speech of the Chair

Organizer: Ziaur Rahman Litu, WBB

Host: Al Artat Bin Ali (Mobile: +8801674608794)

Co-Host: Shakib Al Fahad (Mobile: +88 01749410675), Shwarnali Bhattacarjee (Mobile: +88 01733546375)

Zoom Link:

<https://us02web.zoom.us/j/7113263748?pwd=eFV3UFFnM2RLVDB4dnFEUi9qMXBqZz09>

Zoom ID: 711 326 3748

Zoom Password: bapa

Parallel Expert Session (O3): Monday, Dec 28, 03:00 pm – 4:30 pm

Theme: Health and Food

Chair: **M. M. Akash** (Dhaka University)

Co-Chair: **Monower Mostafa** (DBM)

Rahman, Mohammed Ataur: Ecosystem Management to Reduce Climate Impacts and Food Security

Mohidul Hoque Khan: পরিবেশ সুরক্ষা ও নিরাপদ খাদ্য নিশ্চিতকরণ : অভিন্ন চ্যালেঞ্জ ও উত্তরণের রূপরেখা

Sultana, Tabassum and Khanam, Shamsunnahar: Reasons and Impacts of Retail Food Waste for Selected Retail Markets in Mohammadpur of Dhaka City

Sultan, Saima Binte: Impact of climate change on children's health at Mirpur 12 of Dhaka city

Islam, Md. Saiful and Chowdhury, Tahmid Anam: Changes in Ambient Air Quality of Dhaka City during COVID-19 Induced Lockdown and General Holidays

Abdal, Syeda Tahmida Mutahara: "COVID-19 Protective Gears: Protectors or Annihilators?"

Rasel, Md: Assessing the Socio-economic Impacts of COVID-19 on Urban Poor in Dhaka city of Bangladesh

Open Discussion

Speech of the Chair

Organizer: Shohag Mahazon, BAPA

Host: Md. Sahadat Hossain (Mobile: +88 01826324923)

Co-Host: Afrin Sharabony (Mobile: +88 01618129491), Zohaer Abtahi (Mobile: +88 01712123492)

Zoom Link:

<https://us02web.zoom.us/j/5426446189?pwd=d0xqV0ZCM1BCNmliVkl6WG1QVWl6QT09>

Zoom ID: 542 644 6189

Zoom Password: bapa

Parallel Expert Session (O4): Monday, Dec 28, 03:00 pm – 4:30 pm

Theme: Pollution Control

Chair: **Mahmudur Rahman** (BEN)

Co-chair: **Hasan Mehedi** (CLEAN)

Farid, Zawad Ibn and Chowdhury. Raisa Imran: Applicability of contemporary tools to increase surge capacity: a study identifying the major themes of emergency health management based on lesson learned from recent urban disasters of Dhaka city

Majumder et al. : Status of Noise Pollution in Bangladesh Secretariat: Before and After Declaring the Area as Noise Free Zone

Sarker et al.: Effects of Eucalyptus plantation on soil properties and litter decomposition processes

Majumder et al.: People's perception regarding Impacts of Air Pollution on Reproductive Health: a self-reported study

Akram SM Abir and Sirajul Hoque : Reduce Water Footprint and Carbon Footprint by Optimizing Wet Process and Use of Green Chemicals in Textile: A Sustainable Approach in Bangladesh

Shawon Mst. Tanzila Aktar: Assessment of Municipal Solid Waste Management System

Open Discussion
Speech of the Chair

Organizer: Santanu Biswas Shuvo, BAPA

Host: Obaidur Rahman (Mobile: +88 01517836334)

Co-Host: Sadman Ahmed (Mobile: +88 01648394846), Tanbi Tanaya Sarker (Mobile: +88 01731221044)

Zoom Link:

<https://us02web.zoom.us/j/4432392937?pwd=djV3S1JKZS94djg0alJhKzZIUGhRUT09>

Zoom ID: 443 239 2937

Zoom Password: bapa

Parallel Expert Session (O5): Monday, Dec 28, 03:00 pm – 4:30 pm

Theme: Urban and Rural Planning

Chair: **Iqbql Habib (BAPA)**

Co-chair: **Aminur Rasul (BAPA)**

Chowdhury, Moumita and Akter Easmin: Assessment of Urban Cooling Island Variation on Urban Microclimate as well as on Urban Planning and Environment: A spatio-temporal analysis in Chittagong City

Gouala, Anik and Banik, Nandita (): Proposed Redevelopment of a Suburban Hub: Land Use Redesign in Hathazari Municipality, Chattogram

রহমান মোঃ আতিকুর : ঢাকা শহরে গাড়ি পার্কিং : বাস্তবমুখী পরিকল্পনা ও ব্যবস্থাপনা

Real, H. Rainak Khan et al.: Estimating the changes in Urban Sprawl and Vegetation Cover in Barisal City Corporation Area by using Landsat Images

Sultana, Sefat: Transformation of Rural Homestead in Spatial Setting of Rural Bangladesh

Rahman, et al.: Health Care Waste Management Initiative in Bogura Municipality: A Case Study of Sapno, an NGO

Open Discussion
Speech of the Chair

Organizer: Sayed Siful Alam Shovon, BAPA
Host: Ahamed Sakib Antor (Mobile: +88 01750690491)
Co-Host: Umme Nabila Samanta (Mobile: +88 01980362456), Tania Sultana (Mobile: +8801521202600)

Zoom Link:
<https://us02web.zoom.us/j/6236471349?pwd=VjVuYnBPaVFDb2d5MTZhZWxRWXFDQT09>
Zoom ID: 623 647 1349
Zoom Password: bapa

Parallel Expert Session (O6): Monday, Dec 28, 03:00 pm – 4:30 pm
Theme: Disaster Management

Chair: **Nilufar Jahan** (BEN-Australia)
Co-Chair: **Sawpan Paul** (BEN-Australia)

Araf et al.: FM Based Portable Disaster Awareness System
Alam, ANM Safiqul and Saikat Sakhaqat Hossen: Formulating Disaster Resilience Capacity Zoning for Galachipa and Rangabali Upazila, Patuakhali using Multi-Criteria Analysis Based Technique for Integrating Socio Economic and Geo-Physical Issues
Azim, AKM Iqbal: Challenges of Disaster and Human Security Management: A Case Study on SIDR
Baser, Shahadat and Rahman M. Maksudur: The Intensity of Environmental Hazards and Risks in Dhaka City based on Social Perceptions of City Dwellers
Bibi Hafsa et. al. : Trend analysis of tropical cyclones in Bangladesh over the past Thirty-five years (1985-2019)
A B M Hasanuzzaman: Assessing the risk perception of a community on Cyclone vulnerability: A case study of Pratapnagar, Satkhira

Open Discussion
Speech of the Chair

Organizer: Sardar Hirok Raja, BAPA
Host: Md Tariqul Islam (Mobile: +88 01913077326)
Co-Host: Kazi Mainul Islam (Mobile: +88 01742938470), K. M. Rasibul Kabir (Mobile: +88 01401885747)

Zoom Link:
<https://us02web.zoom.us/j/4741898486?pwd=cnVjdHVEa2ZlZQU8zWmZqa0E4N21OUT09>
Zoom ID: 474 189 8486
Zoom Password: bapa

Session (P): Monday, Dec 28, 4:30 pm – 5:30 pm
Exhibition/Art Competition/Cultural Program

Zoom Link:

<https://us02web.zoom.us/j/4741898486?pwd=cnVjdHVEa2ZZQU8zWmZqa0E4N21OUT09>

Zoom ID: 474 189 8486

Zoom Password: bapa

Monday, Dec 28: Evening Sessions (Q, R, S, T)
06:00 pm – 10:30 pm (Bangladesh)

07:00 am (Dec 28) – 11:30 am (Dec 28) in New York
04:00 am (Dec 28) – 08:30 am (Dec 28) in Los Angeles
12:00 pm (Dec 28) – 04:30 pm (Dec 28) in London
11:00 pm (Dec 28) – 03:30 am (Dec 29) in Sydney

Plenary Expert Session (Q): Monday, Dec 28, 06:00 pm – 07:00 pm
Sub-theme: Climate Change and Energy Issues

Chair: **Saleh Tanveer (BEN)**

Co-chair: **Mazharul Islam Rana (BEN-Germany)**

Badruzzaman, Ahmed et. al. (UC-Berkeley): Global energy-climate conundrum and how it relates to Bangladesh

Bhattacharya, Dipen (BEN): Estimations of the Sedimentation Rates in the Bengal Delta

Rudra, Kalyan (India): Coast Line of Bengal: Changing the 1917-2020

AKM Saiful Islam (BUET): Impact on Climate Change on Extreme Precipitation, River Flooding, Droughts, Agriculture, Cyclone and Strom Surges in Bangladesh

Sujit Mandal (India): Climate Change and Its Impact on Extreme Rainfall Events and Landslides Hazards in Darjeeling Himalayas, India

Mozaharul Alam (UNEP): Emission Gap to Attain goals of Paris Agreements.

Organizer/host: S M Arafat/Abrul Islam/Shahrul Islam/Hasan Nasim/Ziaur Rahman

Zoom Link: <https://zoom.us/j/93754347789>

Zoom ID: 937 5434 7789

Zoom Password: bapa

Plenary General Session (R): Monday, Dec 28, 07:00 pm – 08:30 pm

Theme: Rights of rivers

Chair: **Rasheda K. Chowdhury** (BAPA)
Co-chair: **Mohd. Abdul Matin** (BAPA)
Chief guest: **Mujibur Rahman Howlader** (NRCC)

S. Nazrul Islam (BEN and BAPA): Ecological approach to rivers
Manzill Murshid (Supreme Court of Bangladesh): Introduction to the judgement and challenges
Ghulam Sorwar (Dhaka University): Rights of rivers and court judgement in Bangladesh
Erin O'Donnell (Melbourne): Way Forward from judgement
Vinod Nambiar (Vayali Folklore Group): Why South Asia needs rights of rivers?
Himansu Thakkar (SANDRP) Transboundary River
Monti Aguirre (International Rivers - Latin America): Rights of Rivers across the world
Address by the Chief Guest

Session organizer/host: S M Arafat/Abrul Islam/Shahrul Islam/Hasan Nasim/Ziaur Rahman
Zoom Link: <https://zoom.us/j/93754347789>
Zoom ID: 937 5434 7789
Zoom Password: bapa

Strategy Session (S): Monday, Dec 28, 08:30 -9:30 pm

Adoption of “Dhaka Declaration 2020”

Chair: **S. Nazrul Islam**
Mohd. Abdul Matin: Presentation of the draft “Dhaka Declaration 2020”
Discussion on the draft

Organizer/host: S M Arafat/Abrul Islam/Shahrul Islam/Hasan Nasim/Ziaur Rahman
Zoom Link: <https://zoom.us/j/93754347789>
Zoom ID: 937 5434 7789
Zoom Password: bapa

Closing session (T): Monday, Dec 28, 9:30 pm – 10:30 pm

Chair: **Sultana Kamal**
Chief Guest: **M. A. Mannan**, MP, Minister, Ministry of Planning, GoB
Concluding speech: **Mohd. Abdul Matin**
Concluding speech: **Md. Khalequzzaman**
Announcement of the winners of photography competition
Address by Chief Guest
Vote of thanks: **Sharif Jamil**
Address by the Chair



Organizer/host: S M Arafat/Abrul Islam/Shahrul Islam/Hasan Nasim/Ziaur Rahman
Zoom Link: <https://zoom.us/j/93754347789>
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Note: (a) Efforts will be made to schedule presentations in such a way as to make as comfortable as possible for presenters from different time zones, subject to the constraints arising from the necessity of arranging sessions by themes/topics. (b) Each session will try to finish 5 minutes before it's end time in order to assure smooth transition between sessions.