



BANGLADESH PORIBESH ANDOLON



"পরিবেশ রক্ষায় নাগরিক আন্দোলনের দুই দশক"

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বছর পূর্তি

বাংলাদেশ পরিবেশ আন্দোলন (বাপা)



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সুলতানা কামাল
সভাপতি, বাংলাদেশ পরিবেশ আন্দোলন (বাপা)

আগামী ছাব্বিশ ডিসেম্বর তিনদিন ব্যাপী বাপা এবং বেন আয়োজিত পরিবেশ সংক্রান্ত আন্তর্জাতিক সম্মেলন আই সি বি ই এন অনুষ্ঠিত হতে যাচ্ছে। সারা পৃথিবী জুড়ে কোভিড - এর দাপটে সম্মেলনে অংশগ্রহনকারীরা শরীরী উপস্থিতি হতে পারছেন না। অন্যান্য কার্যক্রমের মতই এই সম্মেলনও তাই প্রযুক্তির মাধ্যমে করার উদ্যোগ নেয়া হয়েছে। অত্যন্ত দুঃখের বিষয় বরাবরের মত সম্মেলনকে ঘিরে আমাদের একে অপরের সাথে দেখা সাক্ষাৎ হচ্ছে না। সম্মেলনের যে মহৎ উদ্দেশ্য মানুষের সাথে মানুষের যোগ তা এবার সাধিত হচ্ছে না। তবে অপরদিকে যেহেতু এক জায়গা থেকে আর এক জায়গায় যাতায়াতের প্রশ্ন নাই, অনেক বেশী সংখ্যক অগ্রহী ব্যক্তি যার যার নিজ অবস্থান থেকে এই সম্মেলনে অংশগ্রহন করতে সক্ষম হবেন। সেটা অবশ্যই আনন্দের বিষয়। আমি বাপার সভাপতি হিসাবে সহ-উদ্যোক্তা ও সকল অংশগ্রহনকারীকে আন্তরিক অভিনন্দন জানাই।

বাংলাদেশ পরিবেশ আন্দোলনের (বাপা) জন্য এই সম্মেলন বিশেষভাবে গুরুত্বপূর্ণ কারণ এ বছর বাপার জন্মের বিশ বছর পূর্ণ হ'ল। বিশ বছর ধরে বাপা বাংলাদেশের পরিবেশ সুরক্ষায় নানা আন্দোলন ও কর্মকাণ্ডের মধ্য দিয়ে গুরুত্বপূর্ণ ভূমিকা রেখে চলেছে। প্রাণ ও প্রকৃতি একে অপরের পরিপূরক এবং পালক এই বিশ্বাসের আলোকেই বাপা তার সব কর্মসূচী নির্ধারন করে থাকে। মানবজীবন এর সাথে প্রকৃতি ও পরিবেশের সম্পর্ক পারস্পরিক নির্ভরশীলতায় আবদ্ধ। তাই একে অপরকে বাঁচিয়ে রাখা, যত্ন করা এবং ধ্বংসের হাত থেকে রক্ষা করার প্রক্রিয়া অব্যাহত রাখা মানুষের অত্যাবশ্যক দায়িত্ব ও কর্তব্যের মধ্যে পড়ে। প্রকৃতি ও পরিবেশকে শোষণ বা অতি-ব্যবহার বা অপব্যবহার করে নয়, প্রকৃতির সংগে সংগতিপূর্ণ আচরনের মাধ্যমে জীবন যাপনই সেটা সম্ভব করে তুলতে পারে। পৃথিবীর যা কিছু সম্পদ সব আমার ভোগের এই মনোভাবের পরিবর্তে এই সব সম্পদ আমার জীবনের অংশ সেই বোধ মানুষকে তেমন আচরনে উদ্বুদ্ধ করতে পারে। বাপার আন্দোলনএর অন্যতম উদ্দেশ্য তাই বলেই আমি মনে করি। সেই কারণেই নদনদী, খালবিল, পাহাড়, বন, উন্মুক্ত মাঠ, নির্মল বাতাস নিশ্চিতকরনে বাপার কার্যক্রম পরিচালিত হয়ে থাকে।

এই মুহূর্তে বাপার এই সম্মেলন আরও বেশী মনোযোগের দাবী রাখে এই কারণে যে জাতি হিসাবে আমরা, আমাদের সরকার স্থায়িত্বশীল উন্নয়ন লক্ষ্যমাত্রা অর্জনে অঙ্গীকারাবদ্ধ। পনেরো বছরে আরাধ্য এই লক্ষ্যমাত্রার এক তৃতীয়াংশ সময় অতিবাহিত হয়ে গেল। এই লক্ষ্যমাত্রার সতেরোটি অষ্টকের মধ্যে প্রায় সব কটিই হয় প্রত্যক্ষ নয়ত পরোক্ষভাবে পরিবেশ সংরক্ষনের সাথে যুক্ত। এর নির্দেশনায় স্পষ্টভাবে বলা আছে পরিবেশকে বিপর্যস্ত করে কোন উন্নয়ন কর্মকাণ্ড যেন গ্রহন বা উৎসাহিত না করা হয়। আশা করি দায়িত্বপ্রাপ্তরা এবিষয়ে সবিশেষ দৃষ্টি দেবেন বলে বাপা আশা রাখে।

পৃথিবীর সকল শুভরুদ্ধিসম্পন্ন মানুষ বাপার সহযাত্রী, সহকর্মী। এই আন্তর্জাতিক সম্মেলনের মাধ্যমে আমরা তাদের আবার নতুন করে পাশে ডেকে নিতে চাই।

রবীন্দ্রনাথের "আকাশভরা, সূর্য্যতারা, বিশ্বভরা প্রাণ, আমি তাহারই মাঝখানে পেয়েছি মোর স্থান, বিস্ময়ে তাই জাগে আমার গান" কবিতাটির উদ্ধৃতি দিয়ে আমার কথা শেষ করি। উদ্ধৃতিটি আমাদের সকলের হৃদয়ে প্রকৃতি আর পরিবেশকে ভালবাসার শুভ সঙ্গীতটি জাগিয়ে তুলবে সেই আশা রাখছি।

ড. নজরুল ইসলাম
প্রতিষ্ঠাতা, বাংলাদেশ পরিবেশ নেটওয়ার্ক (বেন)
উদ্যোক্তা, বাংলাদেশ পরিবেশ আন্দোলন (বাপা)

আগামী ২৬-২৮ তারিখে বাংলাদেশের পরিবেশ বিষয়ক চতুর্থ আন্তর্জাতিক সম্মেলন অনুষ্ঠিত হতে যাচ্ছে। বাংলাদেশ পরিবেশ আন্দোলন (বাপা) এবং বাংলাদেশ পরিবেশ নেটওয়ার্ক (বেন)-এর উদ্যোগে এবং বাংলাদেশের বিভিন্ন বিশ্ববিদ্যালয়, গবেষণা প্রতিষ্ঠান, পরিবেশ-স্বপক্ষ পেশাজীবী সংগঠন, নাগরিক, এবং বেসরকারী সংগঠনের সহযোগে এই আন্তর্জাতিক সম্মেলন অনুষ্ঠিত হচ্ছে (কোভিড-১৯ বিশ্বমারীর কারণে)। চলমান এই বিশ্বমারীর কারণে প্রভুতি দেরী করে শুরু হলেও এই সম্মেলনের আমন্ত্রণের প্রতি প্রবল সাড়া পাওয়া গিয়েছে। মোট ৪৫টি বিশেষজ্ঞ-অধিবেশনে প্রায় ২৫০টি প্রবন্ধ পরিবেশিত হবে। এছাড়া সম্মেলনে থাকছে প্রায় বিশটি সাধারণ-অধিবেশন, যাতে পরিবেশ আন্দোলনের নেতা-কর্মী, নীতি নির্ধারক, সরকার এবং বিরোধীদলীয় নেতৃবৃন্দ, অন্যান্যরা বক্তৃতা ও আলোচনা করবেন। আন্তর্জাতিক সম্মেলন অনুষ্ঠিত হওয়ার কারণে এই সম্মেলনে দেশের বাইরের পরিবেশ বিশেষজ্ঞ এবং নেতা-কর্মীদের অংশগ্রহণের সুযোগ বৃদ্ধি পেয়েছে। এই সুযোগের সদ্ব্যবহার করে তাদের অনেকে এই সম্মেলনে অংশগ্রহণ করবেন। এ ছাড়াও সম্মেলনে থাকছে বিভিন্ন প্রতিযোগিতা, প্রদর্শন, এবং সাংস্কৃতিক পর্ব। সব মিলিয়ে সম্মেলনের জন্য একটি আকর্ষণীয় কর্মসূচী তৈরী হয়েছে।

২০০০ সন থেকেই বাপা এবং বেন নিয়মিতভাবে প্রায় প্রতি বছর বাংলাদেশের পরিবেশের কোনো একটি ইস্যু নিয়ে বিশেষ সম্মেলনের আয়োজন করে আসছে। কিছু বছর অন্তর অন্তর দেশের পরিবেশের সকল গুরুত্বপূর্ণ ইস্যু নিয়ে বৃহদাকার সামগ্রিক সম্মেলন অনুষ্ঠিত হয়। ইতিপূর্বে এ ধরনের তিনটি সামগ্রিক সম্মেলন অনুষ্ঠিত হয়েছিল (২০০০, ২০০২, এবং ২০১০ সনে)। এবারের সামগ্রিক সম্মেলনেও বাংলাদেশের পরিবেশের সকল গুরুত্বপূর্ণ বিষয় আলোচনায় অন্তর্ভুক্ত হবে। এগুলোকে নিম্নরূপ বারোটি শিরোনামে ভাগ করা হয়েছেঃ (ক) জলবায়ু পরিবর্তন এবং দুর্যোগ ব্যবস্থাপনা; (খ) নদী, প্রাণবনভূমি, এবং জলাশয়; (গ) জ্বালানী এবং পরিবেশ; (ঘ) উপকূলীয় এবং সামুদ্রিক পরিবেশ; (ঙ) দূষণ প্রতিরোধ এবং বর্জ্য ব্যবস্থাপনা; (চ) পরিবেশ এবং স্বাস্থ্য ও নিরাপদ খাদ্য; (ছ) বন, জীব-বৈচিত্র্য, এবং আদিবাসী জনগোষ্ঠী; (জ) নগরায়ন, কৃষি, এবং গ্রামীণ পরিকল্পনা; (ঝ) পরিবেশ রক্ষায় লিঙ্গ-সমতার ইস্যু; (ঞ) পরিবেশ রক্ষায় তৃণমূল আন্দোলন এবং যুব, শ্রমিক, নারী এবং অন্যান্য নাগরিক ও সামাজিক আন্দোলনের ভূমিকা; (ট) পরিবেশের অর্থনৈতিক, আইনগত, এবং ব্যবস্থাপনাগত ইস্যু; এবং (ঠ) পরিবেশ রক্ষায় সরকার, রাজনৈতিক দল, এবং নাগরিক সমাজের ভূমিকা। এই সবগুলো শিরোনাম-ভুক্ত ইস্যু নিয়েই সম্মেলনে বিশেষজ্ঞ এবং সাধারণ পর্যায়ে বিস্তারিত এবং প্রাণবন্ত আলোচনা অনুষ্ঠিত হবে।

এবারের সম্মেলনের আরেকটি বিশেষ বৈশিষ্ট্য হচ্ছে, এটি বাপা-র বিশতম প্রতিষ্ঠা বার্ষিকী পালনেরও একটি অংশ। সুতরাং, বাপার বিশ বছরের অভিজ্ঞতার পর্যালোচনা, বর্তমানের করণীয়, এবং ভবিষ্যতের চ্যালেঞ্জসমূহ আলোচনা করাও এই সম্মেলনের একটি গুরুত্বপূর্ণ অংশ। সেজন্য এ সম্মেলনের মূল অধিবেশনের শিরোনামা হচ্ছে “বাপার বিশ বছর”। এতে বাপার অতীত অভিজ্ঞতা এবং ভবিষ্যতের চ্যালেঞ্জ নিয়ে বিস্তারিত আলোচনা করা হবে।

নব্বই দশকের শেষার্ধ্বে স্ববাসী এবং প্রবাসী বাংলাদেশীদের মধ্যে দেশের পরিবেশ রক্ষার লক্ষ্যে যেসব নাগরিক উদ্যোগ গড়ে উঠেছিল, সেগুলোর সম্মিলন এবং বিকাশের মধ্য দিয়েই বাপা গঠিত হয়েছিল। ২০০০ সনের জানুয়ারী মাসে বাংলাদেশ পরিবেশ নেটওয়ার্ক (বেন) কর্তৃক প্রস্তাবিত এবং পরিবেশ রক্ষা শপথ (পরশ) সহ অন্যান্য পরিবেশ-স্বপক্ষ সংগঠন এবং সংস্থার যৌথ উদ্যোগে অনুষ্ঠিত প্রথম বাংলাদেশের পরিবেশ বিষয়ক আন্তর্জাতিক সম্মেলনের ফলশ্রুতিতেই বাপা গঠিত হয়েছিল। দেশের সকল পরিবেশ-স্বপক্ষ শক্তির ঐক্যবদ্ধ মঞ্চ হিসেবে কাজ করাই ছিল বাপার লক্ষ্য।

দ্রুতই বাংলাদেশের পরিবেশ রক্ষায় বাপা বেশ কিছু সুনির্দিষ্ট এবং দৃশ্যমান সাফল্য অর্জন করে। তারমধ্যে ছিল যেমন (ক) ঢাকা এবং চট্টগ্রামসহ মূল শহরগুলো থেকে দ্বিস্ট্রিক-বিশিষ্ট যান সমূহকে বিতাড়িত করা; (খ) সীসায়ুক্ত গ্যাসোলিনের পরিবর্তে সীসামুক্ত গ্যাসোলিনের প্রচলন; এবং (গ) পলিথিন ব্যাগ ব্যবহারের উপর নিষেধাজ্ঞার পুনরারোপ। এসব গুরুত্বপূর্ণ সাফল্যের ফলে শহরগুলোর বায়ুদূষণ এবং প্লাস্টিক দূষণ হ্রাস পায়।

ত্রিগুণো ছিল ইংরাজীতে যেটাকে বলে, “লো হ্যাংগিং ফ্রুটস”; অর্থাৎ, “ঝুলে থাকা ফল,” যেগুলো সহজে সংগ্রহ করা যায়। কিন্তু তারপর থেকে শুরু হয় পরিবেশ রক্ষার আরও কঠিন ইস্যু নিয়ে সংগ্রাম। বাংলাদেশের নদ-নদী রক্ষা তার মধ্যে অন্যতম। বন এবং জীব-বৈচিত্র্য রক্ষা; জ্বালানী, পরিবহন, আবাসন, নগরায়ন, ইত্যাদি বিভিন্ন ক্ষেত্রে পরিবেশ-সম্মত নীতি গ্রহণ এবং বাস্তবায়ন ইত্যাদি বিভিন্ন ক্ষেত্রেই দেশের পরিবেশ-স্বপক্ষ অন্যান্য শক্তির সঙ্গে নিয়ে বাপা ধারাবাহিকভাবে আন্দোলন করে যাচ্ছে। এই আন্দোলনের ফলে অনেক পরিবেশ-সপক্ষ নীতি ও আইন প্রণীত হয়েছে; আদেশ-নির্দেশ-অধ্যাদেশ জারীকৃত হয়েছে; এবং আদালতের রায়ও ঘোষিত হয়েছে। এ সম্পর্ক সূত্রে কিছু নতুন সংস্থা গঠিত হয়েছে। তার মধ্যে রয়েছে ২০১০ সনে গঠিত “নদী বিষয়ক টাস্ক ফোর্স” এবং ২০১৩ সনে গঠিত “জাতীয় নদী রক্ষা কমিশন”। এসব সংস্থা কিছু ভাল কাজও করেছে। অতো দৃশ্যমান এবং সুনির্দিষ্ট ফলদায়ক না হলেও এগুলোও পরিবেশ আন্দোলনের সাফল্য।

তবে পরিতাপের বিষয় যে, অনেক ক্ষেত্রে দেখা গিয়েছে, অনেক ক্ষেত্রে পরিবেশ-সপক্ষ আইন, নীতি, বিধি, সিদ্ধান্ত, ইত্যাদি গৃহীত হলেও তা সুষ্ঠুভাবে বাস্তবায়িত হয় না। বস্তুত কিছু ক্ষেত্রে ভাল উদ্দেশ্যে গৃহীত নীতি এমন বিকৃতভাবে বাস্তবায়িত হয়েছে যে, পরিবেশের সুরক্ষার পরিবর্তে আরও ক্ষতি সাধিত হয়েছে। যেমন, নদী দখল প্রতিরোধের লক্ষ্যে ২০০৯ সনে দেশের উচ্চ আদালত খুঁটি স্থাপন করে নদীর সীমানা চিহ্নিত করার নির্দেশ দেয়। কিন্তু ঢাকা এবং গাজীপুর জেলা প্রশাসন অনেক ক্ষেত্রেই নদ-নদীর শীতকালের শীর্ণ প্রবাহের তীর ধরে এসব খুঁটি স্থাপন করে। ফলে নদী রক্ষার পরিবর্তে বরং নদী দখল আরও সুগম হয়। সুতরাং, পরিবেশ-স্বপক্ষ নীতির সুষ্ঠু বাস্তবায়ন নিশ্চিত করা পরিবেশ আন্দোলনের জন্য একটি বড় চ্যালেঞ্জ হয়ে দাঁড়িয়েছে। এছাড়া, পরিবেশের অনেক ক্ষেত্রে সঠিক নীতি প্রণয়ন করা এখনও সম্ভব হয় নি। যেমন, দীর্ঘ এবং ব্যাপক আন্দোলন সত্ত্বেও সুন্দরবনের নিকটে রামপালে কয়লা ভিত্তিক তাপ বিদ্যুৎ কেন্দ্র স্থাপন থেকে সরকারকে বিরত করা সম্ভব হয়নি।

ঘনিষ্ঠ বিশ্লেষণ থেকে দেখা যায় যে, পরিবেশ বিষয়ক সঠিক নীতির অভাব এবং ভাল নীতির সঠিকভাবে বাস্তবায়িত না হওয়ার পেছনের মূল কারণ হলো পরিবেশ আন্দোলনের প্রয়োজনীয় রাজনৈতিক প্রভাবের অনুপস্থিতি। নীতি প্রণয়নে রাজনৈতিক নেতৃত্বের মূল ভূমিকা এমনিতেই স্পষ্ট। গৃহীত নীতি বাস্তবায়নে প্রশাসনের ভূমিকাও চূড়ান্ত বিচারে রাজনৈতিক নেতৃত্বের ঐকান্তিকতার উপর নির্ভর করে, কারণ প্রশাসন সরাসরিভাবে রাজনৈতিক নেতৃত্বের নিকটই জবাবদিহি করে। প্রয়োজনীয় রাজনৈতিক প্রভাবের ঘাটতি ফলে পরিবেশ আন্দোলনকে পরিবেশ-স্বপক্ষ নীতি গ্রহণ এবং বাস্তবায়ণ উভয়ের জন্যই সরকারের অভিপ্রায় এবং উদ্যোগের উপর নির্ভরশীল থাকতে হয়। সুতরাং, গত বিশ বছরের পরিবেশ আন্দোলনের মূল অভিজ্ঞতা হলো, বাংলাদেশের পরিবেশ রক্ষায় সফল হতে হলে পরিবেশ আন্দোলনের রাজনৈতিক প্রভাব আরও বৃদ্ধি করতে হবে। ২০২০ সনের জানুয়ারীতে বাপা এবং বেন আয়োজিত “পরিবেশ আন্দোলনের রাজনৈতিক প্রভাব” বিষয়ক সম্মেলনে এটাই মূল উপসংহার হিসেবে বেড়িয়ে এসেছে। সেকারণে সম্মেলনে গৃহীত প্রস্তাবে বলা হয়েছে যে, “পরিবেশ আন্দোলনকে কর্মীদের আন্দোলন থেকে গণআন্দোলনে রূপান্তরিত করতে হবে”। বিশ্বের বিভিন্ন দেশে পরিবেশ আন্দোলন গুরুত্বপূর্ণ রাজনৈতিক শক্তিতে পরিণত হয়েছে; অনেক দেশে ক্ষমতায়ও অধিষ্ঠিত হয়েছে। বাংলাদেশেও পরিবেশ আন্দোলনের রাজনৈতিক প্রভাব বৃদ্ধির যথেষ্ট সম্ভাবনা রয়েছে। আগামীতে পরিবেশ আন্দোলনকে সে সম্ভাবনা বাস্তবায়িত করে বাংলাদেশের পরিবেশ রক্ষায় কাংখিত সাফল্য অর্জন করতে হবে। কিভাবে তা করা যায়, সে বিষয়ের আলোচনাও ২৬-২৮শে ডিসেম্বরে অনুষ্ঠিতব্য সম্মেলনের একটি গুরুত্বপূর্ণ লক্ষ্য।

বরাবরের মতো বাপা-বেনের এবারের সম্মেলনও সকলের জন্য উন্মুক্ত। এ সম্মেলনে নিবন্ধিকরণের জন্য কোনো ফী নেই। এমনকী নিবন্ধীকরণ ছাড়াও যে কেউ সম্মেলনে অংশগ্রহণ করতে পারবেন। সম্মেলন বিষয়ক সকল তথ্য বাপা এবং বেন-র ওয়েবসাইট সমূহে (<https://www.bapa.org.bd/> এবং <https://ben-global.net/>) পরিবেশিত হয়েছে। বাংলাদেশের সকল পরিবেশ সচেতন নাগরিকবৃন্দকে আমি এই সম্মেলনে অংশগ্রহণ করে বাংলাদেশের পরিবেশ রক্ষায় এগিয়ে আসার জন্য উদাত্ত আহ্বান জানাচ্ছি।

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

<p align="center">Saturday, Dec 26: Evening sessions (A, B, C)</p> <p align="center">06:00 pm – 10:30 pm (Bangladesh time)</p> <p>07:00 am (Dec 26) – 11:30 am (Dec 26) in New York</p> <p>04:00 am (Dec 26) – 08:30 am (Dec 26) in Los Angeles</p> <p>12:00 pm (Dec 26) – 04:30 pm (Dec 26) in London</p> <p>11:00 pm (Dec 26) – 03:30 am (Dec 27) in Sydney</p>	
(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

<p align="center">Sunday Dec 27: Morning sessions (D, E, F)</p> <p align="center">09:00 am – 01:30 pm (Bangladesh time)</p> <p>10:00 pm (Dec 26) – 02:30 am (Dec 27) in New York</p> <p>07:00 pm (Dec 26) – 11:30 pm (Dec 26) in Los Angeles</p> <p>03:00 am (Dec 26) – 07:30 am (Dec 27) in London</p> <p>02:00 pm (Dec 27) – 6:30 pm (Dec 27) in Sydney</p>							
(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		
(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						

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)

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	Expert Session O7
(P) 04:30 pm –	Exhibition/competition/cultural/etc.						

(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	Expert Session O7
(P) 04:30 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

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: Arafat Zubair

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** (BAPA and BEN) 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: **Jane Lambert**, Green Party, European Parliament

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

Response by: **S. Nazrul Islam**

Address by the Chair

Organizer/host: Arafat Zubair

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: Arafat Zubair

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: Md. Sahadat Hossain (SUB)

Host: Abdullah Al Nayem (SUB)

Co-Host: Tanvirul Islam (SUB)

Zoom Link:

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

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 (DU)
Co-Host: Sakib (DU)

Zoom Link: <https://us02web.zoom.us/j/7113263748>
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: Shohag Mahazon (BAPA)
Host: Al Emran (DU)
Co-Host: Sraboni (DU)

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: **Golam 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, Mohibbullah 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: Humaun Kabir Suman, BAPA

Host: Obidur, DU

Co-Host: Sadman, DU

Zoom Link:

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

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 নাসিমা : 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: Antor, DU

Co-Host: Nabila

Zoom Link:

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

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

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: Tariqul Islam, SUST

Co-Host: Mainul, SUST

Zoom Link:

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

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

Organizer: Samad Prodhan, BAPA

Host: Asib Ahmed, DU

Co-Host: Poddanav, DU

Zoom Link:

<https://us02web.zoom.us/j/3313694020?pwd=dkduMEF2ZGFBRHJsNUdleGtXbG83dz09>

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 Hays Hadi (Sari Bachao Andolon): Sari River and stone mining

ASM Saleh Sohel (BAPA-Moulavibazar): Manu River, Hakaluki Haor, Baikkhya 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): Shitalakkya, 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 Iqbal Kabir Jahid (Kopotakkha 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

Co-Organizer : Shubhra Bhattacharjee

Zoom Link: <https://us02web.zoom.us/j/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 Faruquee (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): Banshkhali, 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://asu.zoom.us/j/84462160650>

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:

Weblink:

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

in New York

in Los Angeles

in London

in Sydney

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: Md. Sahadat Hossain, SUB

Host: Abdullah Al Nayem, SUB

Co-Host: Tanvirul Islam, SUB

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 (PM2.5 & 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 (DU)
Co-Host: Sakib (DU)

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: Shohag Mahazon, BAPA
Host: Al Emran, DU
Co-Host: Sraboni, DU

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 Mohibbullah 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: Humaun Kabir Suman, BAPA

Host: Obidur, DU

Co-Host: Sadman, DU

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

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

খানহাসান ইউসুফ : গাজীপুরে ঐতিহ্য শালবনউজার 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: Antor, DU

Co-Host: Nabila

Zoom Link:

<https://us02web.zoom.us/j/6236471349?pwd=VjVuYnBPdVZDb2d5MTZhZWxRWXFDQT09>

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 wetlands in Refugee impacted landscapes in Kutupalong Mega camp.

Hossain Al-Emran : Retrofitting with Green Refrigerant

Open Discussion

Speech of the Chair

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

Theme: Climate Change

Chair: **Nilufar Jahan** (BEN-Australia)

Co-Chair: **Sirajul Islam Molla**, BAPA

Rahman, Syed Masiur and Amran Md Iqram Uddin Al: Climate Change Mitigation

Framework of Saudi Arabia – An Overview

Sraboni et al.: A review of the climate change and groundwater level fluctuation in Rajshahi district of northwest Bangladesh: An issue of concern

Islam, Nafisa Nuari: What influence evacuation decisions at cyclone shelters? Empirical evidence from Bangladesh

Akter et al.: Coping Strategies for Climate Induced Disasters by the Charland Women: A Case of Shariatpur District in Bangladesh

Bhuyan, A. N. M. Masum Billah: Climate Crisis: Bangladesh Perspective and Our Action

Islam, Mohammad Najmul and Khatun, Halima: Assessment of Drought Risk on Women at Lalpur Upazila of Natore District in Bangladesh

Open Discussion

Speech of the Chair

Organizer: Samad Prodhan, BAPA

Host: Asib Ahmed, DU

Co-Host: Poddanav, DU

Zoom Link:

<https://us02web.zoom.us/j/3313694020?pwd=dkduMEF2ZGFBRHJsNUdleGtXbG83dz09>

Zoom ID:331 369 4020

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: **Manzurul Hassan** (JU)

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

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

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

Sub-theme: Health and Food Safety

Chair: **Manzurul Hassan** (JU)

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: Md. Sahadat Hossain, Stamford

Host: Abdullah Al Nayem, Stamford

Co-Host: Tanvirul Islam, Stamford

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, DU

Co-Host: Sakib, DU

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

Sub-theme: Health and Food Safety

Chair: **Manzurul Hassan** (JU)

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

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

Open Discussion

Speech of the Chair

Organizer: Md. Sahadat Hossain, Stamford

Host: Abdullah Al Nayem, Stamford

Co-Host: Tanvirul Islam, Stamford

Zoom Link:

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

Zoom ID: 331 369 4020

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

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Open Discussion

Speech of the Chair

Organizer: Ziaur Rahman Litu, WBB

Host: Al Artat Bin Ali, DU

Co-Host: Sakib, DU

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:

Co-Host: From SC

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 ধরিজী 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

Organizer: Humaun Kabir Suman, BAPA

Host: Obidur, DU

Co-Host: Sadman, DU

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 It's 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: Antor, DU

Co-Host: Nabila

Zoom Link:

<https://us02web.zoom.us/j/6236471349?pwd=VjVuYnBPpVFDb2d5MTZhZWxRWXFDQT09>

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

Rupom R.S. et al.: Identifying the Impacts of Climate Change on Agricultural Productivity and Future Food Security in Katakhal Upazila at Rajshahi District

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

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

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

Open Discussion

Speech of the Chair

Organizer: Samad Prodhan, BAPA

Host: Asib Ahmed, DU

Co-Host: Poddanav, DU

Zoom Link:

<https://us02web.zoom.us/j/3313694020?pwd=dkduMEF2ZGFBRHJsNUdIcGtXbG83dz09>

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

Interpretation: Samara Khan and Team

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

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

Chair: **Sharmeen Murshid**

Co-chair: **Sharif Jamil**

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

Interpretation: Samara Khan and Team

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

Interpretation: Samara Khan and Team

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)

Co-Organizer : Shubhra Bhattacharjee

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

Ziauddin 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: Md. Sahadat Hossain (Stamford)

Host: Abdullah Al Nayem (Stamford)

Co-Host: Tanvirul Islam (Stamford)

Zoom Link:

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

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, DU

Co-Host: Sakib, DU

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: Al Emran, DU

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: Humaun Kabir Suman, BAPA

Host: Obidur, DU

Co-Host: Sadman, DU

Zoom Link:

<https://us02web.zoom.us/j/4432392937?pwd=djV3S1JKZS94djg0aJlhKzZIUGhRUT09>

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

Speech of the Chair

Organizer: Sayed Siful Alam Shovon, BAPA

Host: Antor, DU

Co-Host: Nabila

Zoom Link:

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

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 Rauar Beel of Tanguar 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: Tariqul Islam, SUST

Co-Host: Mainul, SUST

Zoom Link:

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

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: Asib Ahmed, DU

Co-Host: Poddanav, DU

Zoom Link:

<https://us02web.zoom.us/j/3313694020?pwd=dkduMEF2ZGFBRHJsNUdlcGtXbG83dz09>

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)

Sarker 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

Chandrashekhar 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 Myllyvirta (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

Interpretation: Samara Khan and Team

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)

Co-Organizer : Shubhra Bhattacharjee

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

Interpretation: Samara Khan and Team

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: Md. Sahadat Hossain (Stamford)

Host: Abdullah Al Nayem (Stamford)

Co-Host: Tanvirul Islam (Stamford)

Zoom Link:

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

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, , DU

Co-Host: Sakib , DU

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: Al Emran, DU

Co-Host: Sraboni, DU

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: Humaun Kabir Suman, BAPA

Host: Obidur, DU

Co-Host: Sadman, DU

Zoom Link:

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

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. Ishtiak 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: Antor, DU

Co-Host: Nabila

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: Tariqul Islam, SUST

Co-Host: Mainul, SUST

Zoom Link:

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

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: Asib Ahmed, DU

Co-Host: Poddanav, DU

Zoom Link:

<https://us02web.zoom.us/j/3313694020?pwd=dkduMEF2ZGFBRHJsNUdlcGtXbG83dz09>

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: Md. Sahadat Hossain (Stamford)
Host: Abdullah Al Nayem (Stamford)
Co-Host: Tanvirul Islam (Stamford)

Zoom Link:

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

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, DU

Co-Host: Sakib, DU

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: TcZiV\ ^eZcb> cSZbTQAbQXScÜO@ZN 4cWĩ EXi[Ø 8óZiNZ
ŜTiZAb >

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: Al Emran, DU

Co-Host: Sraboni, DU

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: Humaun Kabir Suman, BAPA
Host: Obidur, DU
Co-Host: Sadman, DU

Zoom Link:

<https://us02web.zoom.us/j/4432392937?pwd=djV3S1JkZS94djg0aUJhKzZIUGhRUT09>

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: **IqbqI 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: Antor, DU
Co-Host: Nabila

Zoom Link:

<https://us02web.zoom.us/j/6236471349?pwd=VjVuYnBPpVFDY2d5MTZhZWxRWXFDQT09>

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: Tariqul Islam, SUST

Co-Host: Mainul, SUST

Zoom Link:

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

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://zoom.us/j/93663101109>

Zoom ID: 936 6310 1109

Zoom Password: bapa

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 Storm 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>

Zoom ID: 937 5434 7789

Zoom Password: bapa

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.

Conference Organizing Committee

Chairperson

:Sultana Kamal

Co- Chairperson

:Nazrul Islam (BEN)

Member Secretary

:Mohd. Abdul Matin

Joint Member Secretary

:Sharif Jamil

Member

:A. B. Siddique

A.K.M Mizanur Rahman

Abdul Karim Kim

Abdullah Abu Sayeed

Abir Abdullah

Adil Mohammed Khan

Ahmed Badruzzaman (USA,BEN)

Ahmed Kamruzzaman Majumder

Alamgir Kabir

Aminur Rasul

Aparajita Sangita

Ataur Rahman Miton

Atiqur Rahman Ahad (BEN, Japan)

Atiur Rahman

Azizul Hoq Moni

Bidhan Chandra Pal

Dipen Bhattacharya

Farida Akhter

Farida Khan

Faridul Islam

Fr. Josef Gomes Omi

Gaus Pearee

Golam Sobhan Chowdhury

Hafizur Rahman Moina

Hassan Yousuf Khan

Humayun Kabir Sumon

Hussain Azam (BEN)

Ibnul Syed Rana

Iqbal Habib

Ishrat Islam

Conference Organizing Committee

Jahirul Haque Shakil
K.M. Nurul Huda
Kamrul Ahsan Khan(BEN, Australia)
Khondoker Bazlul Hoque
M. Feroze Ahmed
M. Khalequzzaman(USA,BEN)
M. Shahidul Islam
M. Shahjahan Siddiqi
Mahbub Hossain
Mahbuba Nasreen
Quazi Rakibul Islam
Maruf Rahman
Mazharul Islam Rana (BEN German)
Md. Abdul Wahab
Md. Amirul Alam Khan
Md. Shahjahan Mridha
Md. Shariful Islam
Mihir Biswas
Mizanur Rahman
Mohidul Hoque Khan
Monzurul Kibria
Mubasshar Hussain
Nitish Devnath
Nur Mohd. Talukder
Nurul Kabir
Rafiqul Alam
Raoman Smita
Rasheda K. Chowdhury
Robindro Chandra Chowdhury
Ruhin Hossain Prince
S.M. Gubair Bin Arafat
Saleh Ahmed Tanveer (BEN, USA)
Salma A Shafi
Sardar Hirak Raja
Sharmeen Murshid
Syed Abul Maksud
Taqsem A Khan
Tofazzal Ali
Zakir Hussain
Zarina Hussain
Ziaur Rahman
Zobaidul Kabir

Various Sub-Committees and their Tasks

General Guidelines

Any sub-committee can co-opt new members in the committee, but the total number should be limited to 15.

We invited potential educational institutions to be the co-organizers of ICBEN-4. Their financial and intellectual contributions are crucial for the success of BAPA-BEN conferences. If any representative of any co-organizer wants to work for organizing of the conference, we will welcome and engage him/her gladly in any of the following sub-committees based upon their interests.

All sub-committees will hold an initial meeting ASAP; chalk out a plan its work; distribute tasks among its members; and hold subsequent meetings to monitor progress, make changes as necessary, and make sure that the goals set for it are achieved. Member Secretaries will convene the meetings of the sub-committees in consultation with respective Conveners and Co-Conveners.

Member secretaries of other sub-committees, whose work intersects with a sub-committee's work – will be invited to its meetings.

All the Subcommittees will keep the COC MS and JMS consulted and updated about the issues and actions.

01. General Sessions SC

Convener : Rasheda K Choudhury
Co-convenor : Md. Khalequzzaman (BEN)
Member Secretary : Sharif Jamil

Members : Golam Sobhan Chowdhury, K M Nurul Huda, Nitish Devnath, Saleh Ahmed Tanveer (BEN), Taqsem A Khan, Nurul Kabir (BEN), Jahirul Haque Shakil, Nilufar Jahan (BEN), Mazharul Iclam Rana, Hossain Azam, Dipen Bhattacharya

02. Expert Sessions SC: (BAPA)

Convener : Professor Dr. M. Shahidul Islam (DU)
Co-Convenor : Professor Dr. M. Niamul Naser (DU)
Secretary : Professor Dr. Ahmad Kamruzzaman Majumder (Stamford)

Members : Mahbuba Nasreen (DU)
Monzurul Kibria (CU)
Md. Serajul Islam (DU)
Md. Shariful Islam, BUET
Md. Jahirul Hoque Shakil, SUST
Asib Ahmed (DU)
Artat Bin Ali (DU)
Zobaidul Kabir, Australia
Tariqul Islam (SUST)
Israt Jahan (BUP)
Abdullah Al Nayeem (Stamford)

02. Expert Sessions SC: (BEN)

Convener : Ahmed Badruzzaman (UC Berkeley, USA), Chair

Members : Kamrul Ahsan Khan (BEN, Australia)
Mahmud Farooque (Arizona State University, USA)
Mohammad Khalequzzaman (Lock Haven University, USA)
Dipen Bhattacharya (Moreno Valley College, USA)
Mohammad Irfan (University of Denver, USA)
Hossain Azam (University of the District of Columbia, USA)
Aeshna Badruzzaman (Northeastern University, USA)
Farida Khan (University of Colorado, USA)
Mohammad Islam Rana (University of Bath, UK)

03. IT & Online Support SC:

Convener : Taqsem A Khan
Co-convener : Dipen Bhattacharya (BEN)
Member Secretary : SM Gubair Bin Arafat

Member : Bidhan Chandra Pal, Atiqur Rahman Ahad (BEN), Mohammad Irfan (BEN), Gaous Pearee, Roaman Smita, Tofazzal Ali, Sarkar Al Imran, Sharina Amin, Mahmudul Hasan Nasim

04. Finance SC:

Convener : Khondoker Bazlul Hoque
Co-Convener : Iqbal Habib
Member Secretary : M S Siddiqi

Members : A K M Mizanur Rahman, Mohidul Haque Khan, Mubasshar Hussain, Ibnul Sayed Rana, S I Khalid

05. Registration and Communication SC:

Convener : Mahmudur Rahman (BEN)
Co-convener : Ataur Rahman Miton
Member Secretary : Alamgir Kabir

Members : Aminur Rasul, Farida Akhter, Hafizur Rahman Moina, Humayun Kabir Sumon, Swapan Paul (BEN Australia), Zakir Hussain

06. Strategy Session SC:

Convener : Nazrul Islam (BEN)
Co-Convener : Mohd. Abdul Matin
Member Secretary : Sharif Jamil

07. Exhibitions and Competitions SC:

Convener : Salma A Shafi
Co-convener : Adil Mohammed Khan
Member Secretary : Abir Abdullah

Members : Monzurul Kibria, Mazharul Islam Rana, Md. Abdul Wahab,
Shahjahan Mridha, Farid Uddin Ahmed, Zerina Hossain

08. Media and Publicity SC:

Convener : Kamrul Ahsan Khan (BEN)
Co-convener : Ruhin Hossain Prince
Member Secretary : Iftekhar Mahmud

Members : Aparajita Sangita, Habib Rahman, Hassan Usuf Khan, Maruf
Rahman, Ahmed Kamruzzaman, Jahirul Haque Shakil

09. Organizational Co-operation SC:

Convener : Nur Mohd. Talukder
Co-convener : Mihir Biswas
Member Secretary : Hasan Usuf Khan

Members : Abdul Karim Kim, Azizul Haque Moni. Joseph Gomes, Ishrat Islam,
Rafiqul Alam, Ziaur Rahman, Noor Alam Sheikh, SM Mizanur Rahman, A B Siddique, Faridul Islam
Farid, Ziaur Rahman, Azizul Haque Moni

10. Cultural Session SC:

Convener : Sharmeen Murshid
Co-convener : Abu Sayed (TBD)
Member Secretary : Sardar Hirak Raja

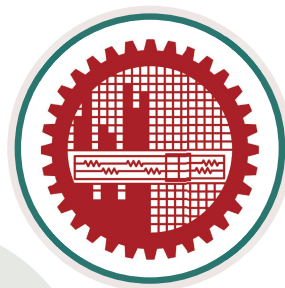
Member : Sanaiyya Ansari, Tofazzal Sohel, Mahboob Hossain

Volunteer list

1. Monowar Hossain
2. Abu Zafor Ahmed
3. M Abu Rafi
4. Humayara Ferdoushe
5. Amani Hasnat
6. Mahfuz
7. Sharif Hossain
8. Fahmina Tasnim Khan Arpita



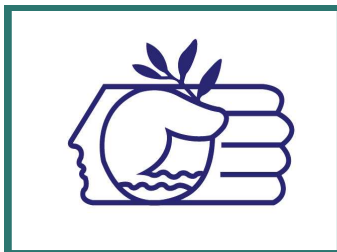
Co-Organizers



Sponsor



Associate-Organizers



Associate-Organizers



Acknowledgment

Islami Bank for their financial contribution to ICBEN-4
Bangladesh Development Initiative (BDI), for providing free access
to the special volume of its journal, Journal of Bangladesh Studies,
devoted to environmental issues and prepared by BEN.
Coast Trust for their IT and Zoom supports to the conference.

