

1st International Conference on Green Energy and Technology (ICGET 2013)

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4th International Conference on Environmental Aspects of Bangladesh (ICEAB 2013) [\[http://BENJapan.org/ICEAB\]](http://BENJapan.org/ICEAB)

FINAL PROGRAM

PROGRAM LAYOUT AT A GLANCE

DAY-1 24 August (0800 ~ 2030)

Registration Desk: 0800~1700

Time	Program
0800~0830	REGISTRATION, Conference Kit Collection & BREAKFAST
0830~0840	Opening & Welcome Speech : Conference Chair
0840~0952	Special Session-01: Deforestation in Teknaf
0955~1025	Keynote Speech-1 (G1)
1025~1040	COFFEE BREAK
1040~1110	Keynote Speech-2 (G2)
1110~1140	Keynote Speech-3 (G3)
1140~1210	Keynote Speech-4 (G4)
1210~1312	LUNCH BREAK
1312~1400	Regular Session -01 (R01)
1400~1430	Keynote Speech-5 (G5)
1430~1500	Keynote Speech-6 (G6)
1500~1512	COFFEE BREAK
1512~1600	Regular Session -02 (R02)
1600~1630	Keynote Speech-7 (G7)
1630~1700	Keynote Speech-8 (G8)
1700~1800	Regular Session -03 (R03)
1800~1830	Keynote Speech-9 (G9)
1830~1900	BREAK
1900~2100	Dinner Banquet & Award Ceremony

DAY-2 25 August 2012 (0800 ~ 1730)

Registration Desk: 0800~1500

Time	Program	
0800~0830	BREAKFAST	
0830~0942	Special Session-01: Tropical Fisheries & Aquaculture	
0945~1015	Keynote Speech-10 (G10)	
1015~1045	Keynote Speech-11 (G11)	
1045~1100	COFFEE BREAK	
1100~1130	Keynote Speech-12 (G12)	
1130~1200	Keynote Speech-13 (G13)	
1200~1300	LUNCH BREAK	
1300~1330	Keynote Speech-14 (G14)	
1330~1400	Keynote Speech-15 (G15)	
1400~1430	Keynote Speech-16 (G16)	
1430~1500	Keynote Speech-17 (G17)	
1500~1515	COFFEE BREAK	
1515~1540	Invited speech 02 (I02)	
1540~1605	Invited speech 03 (I03)	
1610~1640	Regular Session -04 (R04)	Parallel session
	Regular Session - 05 (S05)	
1645~1730	Future of ICEAB, Closing, and Best Presenter Award	

PROGRAM DETAILS

DAY – 01 August 24, 2013 **SATURDAY**

Time 0800~0830		Registration & Breakfast
Time 0830~0840		Opening Session
Welcome Speech Hiroyuki Miyake		Conference Chairs <i>University of Kitakyushu, Japan</i>
Time 0840~0952		Special Session: Deforestation in Teknaf
0840~0852	ID : E03	Impacts of Climate Change and Land Use on Forest Degradation in Teknaf Peninsula Md. Abiar Rahman <i>Bangabandhu Sheikh Mujibur Rahman Agricultural University, Bangladesh</i>
0852~0904	ID : E01	Deforestation by Cash Crop Farming Distributed in Teknaf Maiko Sakamoto <i>University of Tokyo, Japan</i>
0904~0916	ID : E04	Tree Census and Household Lifestyle in Homestead of Bangladesh – A Case Study in the West Coast of Teknaf Kazuo Asahiro <i>Kyushu University, Japan</i>
0916~0928	ID : E02	Use of Information Sources in Maintaining Livelihood by Rohingya Refugees around Teknaf Wildlife Sanctuary M Zulfikar Rahman <i>Bangladesh Agricultural University, Bangladesh</i>
0928~0940	ID : E02	The process of cultivation and distribution of betel leaf in the Teknaf Peninsula Hiroshi Tsuruta <i>Kyushu University, Japan</i>
0940~0952	ID : E27	The Characterization of Dwellers in the Reserve Forest of Teknaf Wildlife Sanctuary, Bangladesh Masakazu Tani <i>Kyushu University, Japan</i>
Session Chair	Masakazu Tani	Kyushu University
Time 0955~1025		Keynote Speech (G1)
Title	High Efficiency and Low Cost Dye-sensitized Solar Cells	
Speaker	Tingli Ma	<i>Kyushu Institute of Technology, Japan</i>
Session Chair	Sergey Varlamov	University of New South Wales, Australia
Time 1025~1040		COFFEE BREAK
Time 1040~1110		Keynote Speech (G2)
Title	Green Power: Low Cost, Clean, Abundant, and Deployable Source	
Speaker	Samar K. Saha	<i>Santa Clara University, USA</i>
Time 1110~1140		Keynote Speech (G3)
Title	Expanding Photovoltaic Systems in Japan by Feed-in Tariff: Progressing Photovoltaic Cluster “Solar Island Kyushu”	
Speaker	Yukihiko Nakata	<i>Ritsumeikan Asia Pacific University, Japan</i>
Session Chair	Yasuki Kansha	The University of Tokyo, Japa

Time 1140~1210		Keynote Speech (G4)
Title	Multi-Agent Based Operation and Control of Micro-Grid including Renewable Energy Power Sources and Energy Storage Devices	
Speaker	Takashi Hiyama	<i>Kumamoto University, Japan</i>
Session Chair	MAS Kamal	The University of Tokyo, Japan

Time 1210~1312		LUNCH BREAK
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Time 1312~1400		Regular Session – 01 (R01)
1312~1324	ID : E13	Assessments of Hearing Quality of Traffic Police Personnel of Dhaka City: A Self-Reported Noise Pollution Study
	Ahmed K Majumder	<i>Stamford University, Bangladesh</i>
1324~1336	ID : E14	Physical Environment Adaptation due to Climate change: in the context of Bangladesh
	Jubaida Gulshan Ara	<i>Bangladesh University of Engineering & Technology, Bangladesh</i>
1336~1348	ID : E19	Risk Assessment of Pesticide Exposure on Farmers Health in Kaliakair Upazila
	Wahed Uddin	<i>Stamford University, Bangladesh</i>
1348~1400	ID : E08	Major Role of Biological processes on the Dissolution of Calcium carbonate under Ocean Acidification
	MN Islam	<i>Shizuoka University, Japan</i>
Session Chair	M Azizul Moqsud	Yamaguchi University, Japan

Time 1400~1430		Keynote Speech (G5)
Title	Potential Stability of Hybrid Capacitors of Li4Ti5O12/Activated Carbon	
Speaker	Soo-Gil-Park	<i>Chungbuk National University, Korea</i>
Chair	Bidyut Baran Saha	Kyushu University, Japan

Time 1430~1500		Keynote Speech (G6)
Title	Exergy Loss Minimization for Chemical Processes	
Speaker	Yasuki Kansha	<i>The University of Tokyo, Japan</i>
Session Chair	Yukihiko Nakata	Ritsumeikan Asia Pacific University, Japan

Time 1500~1512		COFFEE BREAK
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Time 1512~1600		Regular Session – 02 (R02)
1512~1524	ID : E12	Policy Recommendation to Change the Social Structure for the Environmental Conservation of River Buriganga in Bangladesh
	Banani Biswas	<i>Tokyo University of Marine Science & Technology</i>
1524~1536	ID : E17	Model analysis and its evidence for particle removability of pressed non-woven fabric membrane
	T. Oike	<i>Sepa-Sigma Inc., Japan</i>
1536~1548	ID : E16	The consequences of land use changes and impact on ground water aquifer in and around Cox's Bazar town, Bangladesh
	Ashraf Ali Seddique	<i>Jessore Science & Technology University, Bangladesh</i>
1548~1600	ID : E07	Estimation & Possible Reduction Techniques of CO ₂ Emission from the Residential Building Construction of Bangladesh
	Syed Ishtiaq Ahmed	<i>Bangladesh University of Engineering & Technology, Bangladesh</i>
Session Chair	Md. Tauhidul Islam Khan	Saga University, Japan

Time 1600~1630		Keynote Speech (G7)
Title	Smart driving for improving fuel economy of a vehicle	
Speaker	MAS Kamal	<i>The University of Tokyo, Japan</i>
Session Chair	Takahiko Miyazaki	Kyushu University, Japan

Time 1630~1700		Keynote Speech (G8)
Title	Sustainability of Bioenerg	
Speaker	Md. Zahurul Haq	<i>Bangladesh University of Engineering & Technology, Bangladesh</i>
Session Chair	Samar K. Shah	Santa Clara University

Time 1700~1800		Regular Session – 03 (R03)
1700~1712	ID : G09	Effects of surface modification of granular activated carbon using plasma on phenol adsorption
	P Limsuwan	<i>Kyushu University, Japan</i>
1712~1724	ID : G03	Bioelectricity from Plant Microbial Fuel Cell
	M Azizul Moqsud	<i>Yamaguchi University, Japan</i>
1524~1536	ID : G05	Fuel Efficient Strategies for Stopping a Car at the Signalized Intersections
	MAS Kamal	<i>The University of Tokyo, Japan</i>
1536~148	ID : G10	A novel low-cost pyroelectric device for enhancing solar cell efficiency
	S Kumar	<i>Ultrasound Technology, Santa Clara, USA</i>
1536~148	ID : G02	Modeling of triple bed circulating fluidized bed flow behavior based on equivalent circuit model
	Msanori Ishizuka	<i>The University of Tokyo, Japan</i>
Session Chair	Kazuyuki Aihara	The University of Tokyo

Time 1800~1830		Keynote Speech (G9)
Title	A Journey Seeking for Green Energy Grasp	
Speaker	Yaser Qudaih	<i>Kyushu Institute of Technology, Japan</i>
Session Chair	Shyam S. Pandey	Kyushu Institute of Technology, Japan

Time 1630~1900		BREAK
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Time 1700~1900		Dinner Banquet & Award Ceremony
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PROGRAM DETAILS

DAY – 02 August 25, 2013 **SUNDAY**

Time 0800~0830

BREAKFAST

Time 0830~0930

Special Session-02: Tropical Fisheries & Aquaculture

0830~0854	Invited Speaker	BAU Technologies for climate change adaptation and food security in Bangladesh
	Md. Abdus Salam	<i>Bangladesh Agricultural University, Bangladesh</i>
0854~0906	ID : E21	Histological study of gametogenesis in endangered pabo catfish (<i>Ompok pabo</i>) from the Sylhet basin in the north-east Bangladesh
	M Reaz Uddin Sarkar	<i>Department of Fisheries, Govt. of Bangladesh</i>
0906~0918	ID : E20	Egg and Fry Production Performance of Female Tilapia Related to Fluctuating Temperature and Size Variation
	MAK Tarafder	<i>Sharnalata Agro Fisheries Ltd., Mymensingh</i>
0918~0930	ID : E26	Effect of the insecticide sumithion on larval development in <i>heteropneustes fossilis</i>
	Tanmi Shahrin	<i>Department of Fisheries, Govt. of Bangladesh</i>
0930~0942	ID : E23	Bioaccumulation of Heavy Metals in Aquatic Fauna Collected from Contaminated Waters of the River Karnafuli in the South-East Coast of Bangladesh
	Rafiqul Islam Akhand	<i>Innovision Consulting Pvt. Ltd., Bangladesh</i>
Session Chair	Soo-Gil Park	Chungbuk National University, Korea

Time 0945~1015

Keynote Speech (G10)

Title	Thermal Plasma Processing for Environmental Application	
Speaker	Takayuki Watanabe	<i>Kyushu University, Japan</i>
Session Chair	Shyam S. Pandey	Kyushu Institute of Technology, Japan

Time 1015~1045

Keynote Speech (G11)

Title	Dominating strengths and perspectives of crystalline silicon photovoltaics: wafers and thin films	
Speaker	Sergey Varlamov	<i>University of New South Wales, Australia</i>
Session Chair	Tingli Ma	Kyushu Institute of Technology, Japan

Time 1045~11:00

COFFEE BREAK

Time 1100~1130		Keynote Speech (G12)
Title	Study on Adsorption Cooling System - Fundamental to System Evaluation	
Speaker	Takahiko Miyazaki	<i>Kyushu University, Japan</i>
Time 1130~1200		Keynote Speech (G13)
Title	Challenges on the Expansion of Solar Energy for Technologically Unreached People – Bangladesh Perspective	
Speaker	Atiq Ahad	<i>University of Dhaka, Bangladesh</i>
Session Chair	Takayuki Watanabe	Kyushu University, Japan

Time 1200~1300 LUNCH BREAK

Time 1300~1330		Keynote Speech (G14)
Title	Harness of wind power	
Speaker	Ahmed M. Galal	<i>Mansoura University, Egypt</i>
Time 1330~1400		Keynote Speech (G15)
Title	Economic Analysis of Dynamic Electricity Pricing	
Speaker	Yoshiaki Ushifusa	<i>University of Kitakyushu, Japan</i>
Session Chair	Ashir Ahmed	Kyushu University, Japan

Time 1400~1430		Keynote Speech (G16)
Title	Liquid Fuels from Non-edible Biomass Resources - Issues and Challenges	
Speaker	Yoshimitsu Uemura	<i>Universiti Teknologi Petronas, Malaysia</i>
Time 1430~1500		Keynote Speech (G17)
Title	Ionic liquids in pretreatment of lignocellulosic biomass: A “green” approach for separation of cellulose and lignin	
Speaker	M. Moniruzzaman	<i>Universiti Teknologi Petronas, Malaysia</i>
Session Chair	Abu Zofar Musleuddin	Bangladesh Agricultural University, Bangladesh

Time 1500~1515 COFFEE BREAK

Time 1515~1540		Invited Speech (I02)
Title	Preventive Healthcare for Unreached Community	
Speaker	Ashir Ahmed	<i>Kyushu University, Japan</i>
Time 1540~1605		Invited Speech (I03)
Title	Role of a Television Program (Mati o Manush) in the Agricultural Development of Bangladesh	
Speaker	Dewan Siraj	<i>Bangladesh Television & Agricultural Media Specialist</i>
Session Chair	Yoshimitsu Uemura	Universiti Teknologi Petronas, Malaysia

Time 1610~1645 (Parallel Session)		Regular Session – 04 (S04) Regular Session – 05 (S05)
Regular Session – 04 (S04)		Regular Session – 05 (S05)
1610~1622	ID : G12 Solar Electricity at a Cost Lower than Kerosene Asifur Rahman <i>Kyushu University, Japan</i>	ID : G14 Efficient FPGA Implementation of Secured and Transparent Electronic Voting Machine Using Verilog HDL Tabia Hossain <i>North South University, Bangladesh</i>
	ID : G11 Consideration of Solid Desiccant Dehumidification and Air Conditioning System for Greenhouses of Pakistan: A Feasibility Study Muhammad Sultan <i>Kyushu University, Japan</i>	ID : 21 Distribution of Salmonella and Vibrio in Water and Soil with Relation to Water Parameters at the Estuary of the Karnafuly River, Bangladesh Wahidul Alam <i>Chittagong University, Bangladesh</i>
1624~1636	ID : G13 Effect of Blade Profile and Blade Setting Angle on the Performance of the Intelligent Wind Power Unit Ahmed M Galal <i>Mansoura University, Egypt</i>	ID : Eo6 Simple Method for Isolation and Identification of two new Phlorotannins from <i>Ecklonia cava</i> And their Antioxidant Activities M Tanvir Hossain Chowdhury <i>Dept. of Fisheries, Govt. of Bangladesh</i>
	ID : Go8 Hydrothermal Treatment of Coconut Shell and Recovery of Furfural H Tsuji <i>Kyushu University, Japan</i>	ID : Eo6 Antibacterial activity of Cajanus cajan leaves against industrial waste water bacteria collected from Kushtia, Bangladesh M Monirul Islam <i>Islamic University, Bangladesh</i>
Session Chair	Bidyut Baran Saha Kyushu University	M. Moniruzzaman Universiti Teknologi Petronas, Malaysia

Time 1750~1830 **Panel Discussion: 'Moving Forward – Steps Ahead' & Best Presenter Awards**

PRESENTATION DETAIL FOR SCIENTIFIC SESSION

- [1] **08 min** PPT presentation + **4 min** Question-Answer → total **12 min** per presentation (1st warning after 6 min, Finishing Presentation at 2nd warning, After 3rd warning – total time is over)
- [2] Laptop with English OS, Windows. Please save your file in *.PPT or *.PDF format [not *.PPTX format].
- [3] Visit your Session Room 10 minutes before and contact with your Session Chairs and save your file in the Laptop for presentation.

PROGRAM DETAILS

DAY – 03 August 26, 2013 **MONDAY**

0830 ~ 1730

Time	Programme
0830	Gathering for Technical Tour [more detail on this will be available at registration desk]
0845~1700	Visiting various areas of Kitakyushu city focusing Environmental aspects and green innovation, and group discussion
1700~1730	Returning & Closing