

Environmental Engineering (Session-1), Venue: Waves Meeting Room				
Session Chair: Prof. Dr. Swapan Kumar Palit, CUET				
Date: 21/12/2016 Time: 9:00-10:20				
Sl.	Paper ID	Paper Title	Author Name	**Time
1	35	Development of business model for improved faecal sludge management in Dhaka city	S. Rahman, M. M. Rahman, R. Kabir & S. M. R. Rahman	9:00-9:13
2	39	Community based approach for solid waste management in Khulna city	R. Ahasan	9:13-9:26
3	91	Assessment on solid waste management in Chittagong city, Bangladesh: a case study of Sanonda R/A	A. Akbar, S. Akter, B. Rokeya, A. Dev & T. Zannat	9:26-9:39
4	173	Study on industrial waste management scenario of BSCIC area of Rajshahi city	M. N. Bari, S. Arefin, M. M. Islam, M. H. Habib & M. M. Hasan	9:39-9:52
5	237	Application of kitchen waste in biogas system: a solution for solid waste management in Chittagong	B. M. Hanafi, L. Bhattacharjee, S. M. R. Rahman & M. A. Basit	9:52-10:06
6	66	Heavy metal contamination assessment of the Buriganga river bed sediment	D. Sikder & M. S. Islam	10:06-10:20

**Duration of each presentation may vary depending on the number of presenting authors

Environmental Engineering (Session-2), Venue: Waves Meeting Room Session Chair: Prof. Dr. M. Feroze Ahmed, Stamford University Bangladesh Date: 21/12/2016 Time: 10:30-12:00				
Sl.	Paper ID	Paper Title	Author Name	**Time
1	41	Effectiveness of rainwater harvesting as an alternative source of safe water: a case study on Chandgaon residential area	F. Parvin, O. Chowdhury & M. Yusuf	10:30-10:42
2	78	Determination of optimum rainwater harvesting tank for salinity affected coastal areas of Bangladesh	S. T. Khan, A. A. Baksh & M. A. Ali	10:42-10:55
3	112	Potentiality of pond water as alternative source	M. N. Bari & M. A. Rajon	10:55-11:08
4	95	Assessment of contribution of pollutants by seven selected khals into the river Karnafuly	F. T. Jahara, S. Akter, T. Zannat, B. Rokeya & A. Dev	11:08-11:21
5	104	Treatment of contaminated water with filtration and UV disinfection	P. Ali, M. F. B. Alam & M. A. Ali	11:21-11:34
6	307	Economic analysis of grey water use-a case study for a five storied residential building at CUET	R. Hossain & S. K. Pal	11:34-11:47
7	318	Disinfection by-products (DBPS) in drinking water and their associated health risk: a review	F. Khan & M. F. R Zuthi	11:47-12:00

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Environmental Engineering (Session-3), Venue: Waves Meeting Room Session Chair: Prof. Dr. M. Feroze Ahmed, Stamford University Bangladesh Date: 22/12/2016 Time: 9:00-10:30				
Sl.	Paper ID	Paper Title	Author Name	**Time
1	181	Environmental impact assessment of leather process using impact 2002+ method	Z. U. M. Chowdhury & M. A. I. Juel	9:00-9:12
2	217	Environmental impact assessment of the Muradpur to Lalkhan bazar flyover by Leopold matrix & Battelle method	M. R. H. Kauser, M. M. Rahman, H. S. Alam, F. G. R. Lopa & M. S.G. Adnan	9:12-9:25
3	182	Toxicity and environmental impact assessment of heavy metals contaminated soil of Hazaribagh tannery area	M. A. I. Juel, Z. U. M. Chowdhury, A. Mizan & M. S. Alam	9:25-9:38
4	214	Air pollution in Chittagong city	M. A. Hossen, S. M. K. Hassan & A. Hoque	9:38-9:51
5	244	Oxidative treatment by hydrogen peroxide for the removal of COD and sulphide from tannery liming wastewater	R. K. Raha, D. Bhowmik, S. C. Sekhar & M. A. A. Mamun	9:51-10:04
6	315	Vehicular emission inventories in Chittagong metropolitan	M. A. Hossen, D. S. K. Pal and A. Hoque	10:04-10:17
7	317	A review on environmental pollution from the use of pesticides in Bangladesh	M. F. R. Zuthi, M. H. Mazumder, M. Billah & M. T. Islam	10:17-10:30

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Environmental Engineering (Session-4), Venue: Waves Meeting Room				
Session Chair: Prof. Dr. Sudip Kumar Pal, CUET				
Date: 22/12/2016 Time: 14:00-15:30				
Sl.	Paper ID	Paper Title	Author Name	**Time
1	18	Effects of waste water from textile industries on Karnafuli river	M. M. Rahman, M .H. Ali, A. A. Saeem & S. Kar	14:00-14:10
2	40	Tertiary treatment of textile effluent using an integrated filtration system in Bangladesh: a case study	M. A. H. Badsha & S. K. Bhowmik	14:10-14:20
3	58	Pollution status of Turag river: spatial and temporal variation of water quality	F. Rabbi, Z. Uddin, M. Ahmed & N. Majed	14:20-14:30
4	90	Quality assessment of industrial effluent in Chittagong industrial area, Bangladesh	S. Akter, F. T. Jahara, M. Jibon, A. Halim & A. Hashem	14:30-14:40
5	147	Evaluating the effects of dissolved organic carbon (doc) and pH on possible Trihalomethane (THM) formation in textile liquid effluents after treating with chlorine.	F. Khan, M. D. Hossain & A. Kafi	14:40-14:50
6	221	Water quality assessment of “Karnafully” river from Shikalbaha power station to Thai food khal during flood tide and ebb tide.	T. Zannat, B. Rokeya, M. Mostafa & S. M. E. Arafat	14:50-15:00
7	251	Assessment of industrial effluent pollution in Karnaphuli river	T. Islam, J. Amin, R. B. Ahmed, R. Hasan & S. K. Palit	15:00-15:10
8	295	Water quality of DND canal from the perspective of Saidabad water treatment plant (SWTP).	K. K. Adhikary, R. Ferdous, A. Haque & N. Huda	15:10-15:20
9	319	Assessment of water quality of Bamun shahi canal of Chittagong city	M. F. R. Zuthi, R. Dey & S. Dasgupta	15:20-15:30

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Geotechnical Engineering (Session-1), Venue: The Verandahs
 Session Chair: Prof. Dr. Mohammad Shariful Islam, BUET
 Date: 22/12/2016 Time: 9:00-10:30

Sl.	Paper ID	Paper Title	Author Name	**Time
1	241	Construction of earthen house using CSEB: Bangladesh perspective	M. S. Islam, M. I. Hossain, M. A. Islam, A. R. Shahriar & B. Bose	9:00-9:12
2	245	Climate resilient slope protection for coastal regions of Bangladesh using bio-engineering techniques	M. S. Islam, M. S. Hoque, S. Mallick, F. N. Parshi & A. K. M. L. Rahman	9:12-9:25
3	246	Cost effective foundation on problematic soil of reclaimed areas in Dhaka city	M. S. Islam, M. Ahmed, M. M. Uddin & M. Khanum	9:25-9:38
4	254	Determination of optimum cement content for stabilization of soil- a case study	B. Rokeya, O. C. Debanath, M. N. N. Chowdhury & M. A. B. Noor	9:38-9:41
5	287	Strength increment of sand column by using admixtures.	S. M. Farooq, S. Das, M. Y. Mollah & A. Akter	9:41-9:54
6	288	Stabilization of organic soil using lime added salt (NaCl)	S. M. Farooq, S. Das, M. M. Hasan & M. A. Hossain	9:54-10:06
7	311	A detailed analysis of slope stability using finite element method (FEM)	S. Halder, M. O. Imam & M. S. Basir	10:06-10:18
8	314	A theoretical framework for landslide monitoring and early warning generation	M. S. Arefin	10:18-10:30

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Geotechnical Engineering (Session-2), Venue: The Verandahs
 Session Chair: Prof. Md. Mozammel Hoque, Ex-VC, CUET
 Date: 22/12/2016 Time: 14:00-15:30

Sl.	Paper ID	Paper Title	Author Name	**Time
1	36	Landslide inventory in an urban setting in the context of Chittagong metropolitan area, Bangladesh	M. S. Rahman, B. Ahmed, F. F. Huq, S. Rahman & T. M. Al-Hussaini	14:00-14:12
2	74	Ground investigation and response of Jhilmil residential town project	S. A. Javed, M. Sameer, A. S. M. F. Hossain & A. L. Helaly	14:12-14:25
3	179	Analysis of shore pile for deep excavations	M. A. Basit, S. A. Shouki, S. M. R. Rahman, M. A. Rahman & B. M. Hanafi	14:25-14:38
4	191	Effect of fine content on shear strength of sand	M. A. Islam, F. F. Badhon, M. K. A. Anik & M. Z. Abedin	14:38-14:51
5	233	Consideration of soil properties for stability analyses of Padma and Jamuna river bank	M. S. Islam, L. Sarker, M. A. Islam, M. A. Islam & R. Karim	14:51-15:04
6	234	Characterization of soil-root system to determine stability of vegetated slopes	M. S. Islam & F. F. Badhon	15:04-15:17
7	238	Determination of plastic limit using cone penetrometer	R. Tanzen, T. Sultana, M. S. Islam & A. J. Khan	15:17-15:30

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Structural Engineering (Session-1), Venue: Tides Meeting Room

Session Chair: Prof. Dr. Md. Jahangir Alam, CUET

Date: 21/12/2016 Time: 9:00-10:20

Sl.	Paper ID	Paper Title	Author Name	**Time
1	10	Noble use of shape memory alloy in seismic retrofit of multi-span simply supported elevated highway	A. K. M. T. A. Khan & M. A. R. Bhuiyan	9:00-9:07
2	70	Seismic vulnerability assessment of existing RCC buildings in Chittagong city: a case study of 8 no. Shulakbahar ward	A. Barua, S. Chakraborty, R. A. Adnan, M. A. Islam & M. A. Hasan	9:07-9:14
3	87	Seismic vulnerability assessment of existing buildings in Chittagong city: a case study on Rampur ward	M. R. Mukhlis, S. A. Tangina, M. I. Mostazid & M. R. Hoque	9:14-9:21
4	99	Effect of sugar on setting time of Portland cement	A. F. Mazumder	9:21-9:28
5	108	Effect of base isolation and different bracing system to improve building performance under earthquake excitations	F. T. Zahura, S. A. Javed & R. Naznin	9:28-9:36
6	121	Numerical investigation of beam with web opening	A. F. Mazumder & M. A. A.Sarfin	9:36-9:43
7	166	Seismic performance improvement of flat plate structures by providing shear wall	M. A. R. Bhuiyan, I. Ahmed and S. M. M. Hasan	9:43-9:50
8	189	Load bearing capacity of unreinforced masonry wall and strengthened by UHPC	A. F. Mazumder	9:50-9:58
9	229	Seismic risk assessment of existing buildings of CUET campus in Chittagong	M. S. Uddin, M. R. Alam, M. A. R. Bhuiyan & R. K. Mazumder	9:58-10:05
10	283	A tentative methodology towards seismic fragility assessment of highway bridges in Bangladesh	A. K. M. T. A. Khan & M. A. R. Bhuiyan	10:05-10:12
11	303	Seismic performance of reinforced concrete frame building with and without URM infill walls	R. Dey, M. A. R. Bhuiyan, R. K. Mazumder & A. K. M. T. A. Khan	10:12-10:20

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Structural Engineering (Session-2), Venue: The Verandahs
 Session Chair: Prof. Dr. Deepankar Choudhury, IIT, India
 Date: 21/12/2016 Time: 9:00-10:20

Sl.	Paper ID	Paper Title	Author Name	**Time
1	69	Static & time history analysis of RCC structure: a comparative study	S. A. Haque, T. Haque , S. Sanjida & Y. Masud	9:00-9:08
2	75	An Exact Solution of Post-buckled nonlinear Beam on an Elastic Foundation	M. M. Rana & A. S. M. Z. Hasan	9:08-9:16
3	93	A comparative study on physical properties of cement: ASTM and BDS EN	M. A. A. Siddique, M. S. Islam & U. K. Halder	9:16-9:24
4	184	Analysis of slab thickness requirement of RCC slab in order to prevent undesirable floor vibration	M. M. Orvin, K. M. Amanat & A. A. Kawsar	9:24-9:32
5	202	Cylindrical wedge-type compression free bracing system for moment resisting frame structures	A. Das & M. A. Islam	9:32-9:40
6	274	Fracture toughness determination of plain cement concrete using brick aggregate in marine water	M. R. Alam, M. R. Mukhlis, M. F. Rahman & M. Shaheduzzaman	9:40-9:48
7	284	Adoption of regular column instead of shear wall at lift-core of moderately tall RC frame structure	A. K. M. T. A. Khan & M. R. Alam	9:48-9:56
8	292	Parametric study on live-load distribution in lateral direction of a skew composite bridge	M. Hossain & M. B. Zisan	9:56-10:04
9	299	Numerical studies of shape effect of square and circular footing placed on cohesive–frictional weightless medium	M. Rokonzaman, M. S. Islam & G. Sarkar	10:04-10:12
10	300	Numerical analysis of vertical uplift resistance of horizontal strip anchor embedded in cohesive–frictional weightless soil	M. S. Islam, M. Rokonzaman & G. Sarkar	10:12-10:20

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Structural Engineering (Session-3), Venue: Tides Meeting Room				
Session Chair: Prof. Dr. Md. Rabiul Alam, CUET				
Date: 21/12/2016 Time: 10:30-12:00				
Sl.	Paper ID	Paper Title	Author Name	**Time
1	123	Correlation between temperature change and earthquake in Bangladesh	A. Hossain, F. Kabir & K. Roy	10:30-10:40
2	139	Performance evaluation of reinforced concrete garment buildings in located in moderate seismic zone of Bangladesh	A. K. M. G. Murtuz, K. B. Jalal, K. Islam & S. M. Muniruzzaman	10:40-10:50
3	142	Parametric study on GFRP reinforced short concrete columns	T. Mahmood, M. A. Morshed & M. Begum	10:50-11:00
4	165	Optimum fibre content for tensile strength of fibre reinforced micro-concrete	B. H. Javed & A. A. Sarfin	11:00-11:10
5	187	Monitoring bridge deflection by total station	M. Kamruzzaman & M. R. Haque	11:10-11:20
6	291	Thin wall reinforced concrete as low cost sustainable alternative for single family houses in Pakistan	M. A. Saleem & U. A. Mughal	11:20-11:30
7	301	Influence of handrail types on aerodynamics of long-span bridge deck	M. N. Haque	11:30-11:40
8	316	A detailed investigation of reinforced concrete column jacketing: experiment, theory and numerical analysis	K. S. Ahmud & M. Riaz	11:40-11:50
9	322	Strength behavior of slag (GGBS) based geopolymer concrete in chloride environment	S. Sarker, M. A. Hossain, O. C. Debanath, N. Tabassum & M. S. Islam	11:50-12:00

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Structural Engineering (Session-4), Venue: The Verandahs Session Chair: Prof. Dr. Md. Saiful Islam, CUET Date: 21/12/2016 Time: 10:30-12:00				
Sl.	Paper ID	Paper Title	Author Name	**Time
1	42	Field survey of the historical and archaeological buildings in Chittagong city, identification of faults and recommendation of probable retrofitting measure	F. Parvin, M. Yusuf & O. Chowdhury	10:30-10:40
2	79	Replacement of traditional coarse aggregate	M. J. Islam, S. A. Shafian & N. Sarwar	10:40-10:50
3	84	Compressive strength behavior of concrete using rice husk ash as supplementary to cement	M. A. Hasan, M. A. Islam, Z. Ahmed & I. Ahmad	10:50-11:00
4	94	Strength prediction model and statistical analysis of concrete mix design	R. Rumman, B. Bose, M. A. B. Emon, T. Manzur & M. M. Rahman	11:00-11:10
5	103	Properties of steel for the reinforcement of concrete in Bangladesh	M. A. A. Siddique	11:10-11:20
6	126	Correlation between aggregate crushing value of coarse aggregate and compressive strength of concrete	M. Nishat, Z. M. Dalia & R. Ahsan	11:20-11:30
7	149	Study of concrete properties incorporating waste glass	S. Y. Morshed & K. M. S. Islam	11:30-11:40
8	267	Effect of variation in the strength of concrete and reinforcing bars on the behavior of RC beams	A. Amin & N.H.M. K. Serker	11:40-11:50
9	231	Torsional capacity assessment of composite cross sections using mathematica	A. F. Mazumder, M. Nishat & M. A. A. Sarfin	11:50-12:00

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Structural Engineering (Session-5), Venue: Tides Meeting Room				
Session Chair: Prof. Dr. A.F.M. Saiful Amin, BUET				
Date: 22/12/20106 Time: 09:00-10:30				
Sl.	Paper ID	Paper Title	Author Name	**Time
1	7	Computer aided analysis, design and optimization of multistoried building subjected to seismic and wind loading	S. M. Z. Islam & M. Menaz	09:00-9:09
2	156	Effect of locally available fly ash as partial replacement of cement on concrete strength	M. R. Kamal & R. Rumman	9:09-9:18
3	186	Prospect of constructing reinforced brick masonry (RBM) structures in Bangladesh	M. S. Islam, M. A. A. Siddiqui & M. Begum	9:18-9:27
4	196	Strength development of Portland composite cement and its comparison with Portland cement	M. D. Karim	9:27-9:36
5	201	Performance investigation of bamboo as reinforcement in concrete	M. R. Awall, M. H. Ali, M. A. Rahman, M. A. Hossain & S. U. Khan	9:36-9:45
6	204	Effect of delay in casting on compressive strength of concrete	M. J. A. Chy., M. I. Kayes & SK. S. Ali	9:45-9:54
7	223	Experimental study to investigate the usability of fly ash as admixture of cement	Sampa & A. T. M. Masum	9:54-10:03
8	228	Effect waste glass on the properties of conventional concrete	S. Y. Morshed	10:03-10:12
9	281	Effect of curing methods on the strength of brick aggregate concrete	M. A. Rashid, M. N. Islam & M. A. K. Hasan	10:12-10:21
10	285	Boropukuria fly ash - a prospective green material for coastal concrete	M. M. Islam, M. T. Alam & M. S. Islam.	10:21-11:00

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Structural Engineering (Session-6), Venue: Tides Meeting Room				
Session Chair: Prof. J. Bhattacharjee, ASET, India				
Date: 22/12/2016 Time: 14:00-15:30				
Sl.	Paper ID	Paper Title	Author Name	**Time
1	8	Tensile strength behaviour of bolted & screwed connections of thin steel sheet after elevated temperature	S. M. Z. Islam & M. A. Islam	14:00-14:09
2	25	Electrochemical corrosion behavior of Al-Si hypoeutectic alloy in simulated seawater environment	A. Hossain, F. Gulshan & A. S. W. Kurny	14:09-14:18
3	26	Non-metallic inclusions content in medium carbon structural steels and deformation behavior during hot rolling	A. A. Hossain, F. Gulshan & A. S. W. Kurny	14:18-14:27
4	27	Effect of 0.5wt% Cr addition on the mechanical properties and microstructure of heat treated plain carbon low alloy steel	A. Hossain, F. Gulshan, M. M. Ali & A. S. W. Kurny	14:27-14:36
5	249	Use of slag as coarse aggregate and its effect on mechanical properties of concrete	M. A. Qurishee, I. T. Iqbal, M. S. Islam & M. M. Islam	14:36-14:45
6	259	Parametric study on reinforced concrete jacketed columns: comparison of changes in behavior due to changes in reinforcement pattern	A. A. Saeem, M. S. Ahmed, M. M. Rahman, I. Chowdhury & M. R. Alam	14:45-14:54
7	273	A case study of strengthening of an existing residential building for using it as a garments factory	M. R. Alam, S. B. Ali, A. Rafi & M. O. B. Zahid	14:54-15:03
8	289	Construction waste management practice: Bangladesh perception	F. H. Chowdhury, M. T. Raihan, G. M. S. Islam & F. Ramiz	15:03-15:12
9	310	Application of recycled aggregate in concrete: a review	M. Nuruzzaman & M. Salauddin	15:12-15:21
10	313	Utilization of plastic waste in concrete as a partial replacement of fine aggregate	S. Das, M. T. Alam & I. Chowdhury	15:21-15:30

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Sustainable Engineering and Management (Session-1), Venue: Drift Meeting Room

Session Chair: Prof. Dr. Sajal Chandra Banik, CUET

Date: 21/12/2016 Time: 10:30-12:00

SI.	Paper ID	Paper Title	Author Name	**Time
1	19	Role of compact township and its constraints in achieving environmental sustainability in Bangladesh-a case study of Rangpur union	M. B. Edrish & M. S. Ferdous	10:30-10:42
2	119	Potential agricultural lignocellulosic waste materials for bioconversion	M. N. Bari, F. S. Shashi, M. H. Habib, M. M. Islam & M. M. Hassan	10:42-10:55
3	153	Application of green roof in reducing temperature of residential building in Chittagong city	L. Bhattacharjee & B. M. Hanafi	10:55-11:08
4	250	Urbanization and planned residential area development practice according to existing standards	M. R. H. Kauser, M. M. Rahman, H. S. Alam, F. G. R. Lopa & M. R. Hasan	11:08-11:21
5	49	Effects of solar energy use on rural community: a study of Boyarjapha village in Paikgachha upazila	S. Alam & R. Ahasan	11:21-11:34
6	161	A Comparative Analysis based on Available Service Facilities and their Deficiencies Using Threshold and Location Quotient Method: A Case Study of few Wards of Khulna City.	M. S. Ferdous, M. A. Suphiyan, & S. F. Rabby	11:34-11:47
7	48	Developing a web based decision support system for disaster management on Aila affected area of Koyra upazila	R. Ahasan, S. A. Saimon	11:47-12:00

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Transportation Engineering (Session-1), Venue: Marina Ball Room

Session Chair: Prof. Dr. Mazharul Hoque, BUET

Date: 22/12/2016 Time: 9:00-10:30

Sl.	Paper ID	Paper Title	Author Name	**Time
1	3	Cost effective design of concrete pavement using used foundry sand	B. Ahmed, M. T. Hossen, M. M. Rana & M. R. Islam	9:00-9:15
2	11	Determination of walkway usage index in the market areas of Dhaka city	N. K. Zinia, A. A. Mamun & F. Sultana	9:15-9:30
3	116	Study on non-conventional motorized vehicle	M. N. Bari, A. A. Mahmud, A. A. Masum & M. N. Rahman	9:30-9:45
4	145	A study on value of delay at railroad intersection due to congestion: a case study of Dhaka city corporation (DCC) area.	M. H. Hasan, S. B. Kadir, M. Sen & S. K. Mitra	9:45-10:00
5	194	Geometric design of T-intersection in an urban area	M. Jibon, S. K. Palit , M. M. Alam & M. Robel	10:00-10:15
6	213	Performance evaluation of Mohakhali flyover by using VISSIM simulation software	M. S. Mamun, S. Mohammad, M. A. Haque & M. Y. A. Riyad	10:15-10:30

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Transportation Engineering (Session-2), Venue: Marina Ball Room

Session Chair: Prof. Dr. Hasib Mohammed Ahsan

Date: 22/12/2016 Time: 14:00-15:30

Sl.	Paper ID	Paper Title	Author Name	**Time
1	218	Demand and supply analysis of parking in major commercial spaces in Chittagong city – a case study of Chittagong shopping complex and LGED building	M. R. H. Kauser, M. M. Rahman, M. N. Uddin, K. E. Zannat & M. S. G. Adnan	14:00-14:15
2	305	Road surface drainage at hat-bazaar of rural area: a case study	J. Amin, R. B. Ahmed & S. K. Palit.	14:15-14:30
3	306	Overflow of Mirza khal of Chittagong city and its effects on road	A. Hossain & S. K. Palit	14:30-14:45
4	308	Remodeling and modernization of Kamalapur railway station	H. M. Ahsan, D. A. Parvez & M. Hasan	14:45-15:00
5	309	Rail connectivity in Bangladesh: present and future	H. M. Ahsan, F. Rahman & T. Hayder	15:00-15:15
6	321	Demand and supply of parking facility and the effects of on street parking on roadway capacity	M. M. Banu & M. M. Rahman	15:15-15:30

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Water Resources Engineering (Session-1), Venue: Drift Meeting Room

Session Chair: Prof. Dr. Md. Aatur Rahman, BUET

Date: 21/12/2016 Time: 9:00-10:20

Sl.	Paper ID	Paper Title	Author Name	**Time
1	178	Scale-dependent reliability of the PRECIS model in rainfall projection for coastal areas in Bangladesh	M. S. Mondal & M. N. Sakib	9:00-9:10
2	190	Parameters of rainfall intensity-duration-frequency relationship: a case study for north-eastern region in Bangladesh	M. M. Rasel & S. A. Esha	9:10-9:20
3	230	Analysis of rainfall data for generation of intensity-duration-frequency relationships for selected urban cities of Bangladesh	S. S. Rimi & M. A. Matin	9:20-9:30
4	77	Spatio-temporal characteristics of rainfall and temperature in Bangladesh	K. Roy, M. Kumruzzaman & A. Hossain	9:30-9:40
5	232	Generation of inflow hydrographs for a selected small urban catchment of Dhaka city	R. T. Khan & M. A. Matin	9:40-9:50
6	286	Drainage vulnerability analysis for a combined sewerage system using SWMM	A. H. Tanim & A. Akter	9:50-10:00
7	312	Analysis of satellite based evapotranspiration for selected climate stations of Bangladesh	M. S. Basir, N. Jahan & S. Halder	10:00-10:10
8	129	Prediction of future drought in the northwest and central region of Bangladesh based on PRECIS climate model projections	U. Khaira & N. Jahan	10:10-10:20

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Water Resources Engineering (Session-2), Venue: Drift Meeting Room Session Chair: Prof. Dr. Mukand Singh Babel, AIT, Thailand Date: 22/12/2016 Time: 9:00-10:30				
Sl.	Paper ID	Paper Title	Author Name	**Time
1	12	Spatial Explicit Assessment of Water Footprint of Rice in Bangladesh	M. M. Rahman, A. A. Saeem & M. R. A. Mullick	9:00-9:10
2	63	Climate change impacts on crop yield, arable land and changes in wetland area in Rajshahi district, Bangladesh.	M. S. Islam, S. Khatun & M. S. U. Miah	9:10-9:20
3	106	Impact of high end emission on the production of Boro rice in Bangladesh using DSSAT 4.5	A. S. Hasan, A. S. Islam, S. K. Bala & M. J. U. Khan	9:20-9:30
4	80	A statistical assessment of groundwater quality in Nilphamari pourashava, Nilphamari district, Bangladesh	M. M. A. Chowdhury, M. Jahan, M. N. Sakib & M. A. Rahman	9:30-9:40
5	102	Assessment of erosion vulnerability near the hydraulic structures by comparing the erosive resistance of non-cohesive soil with flow velocity	M. Musfequzzaman, F. Noor & M. A. Matin	9:40-9:50
6	227	A study on river system, hydrology and surface water salinity in Sundarbans rivers	M. A. Rahman & S. J. Dipa	9:50-10:00
7	263	Assessment of salinity intrusion in the central coastal zone of Bangladesh	M. A. Rahman, S. A. Saki, F. M. Alvee & A. T. M. H. Zobeyer	10:00-10:10
8	264	Challenges, vulnerabilities and management of coastal zone around the world	M. A. Rahman & P. Das	10:10-10:20
9	206	Hydro-meteorological Investigation of 2015 Flash Flood in Eastern Hill Basin Bangladesh	M. S. Hossain, G. M. T. Islam, S. U. Rahyhan, S. M. Q. Hassan & R. H. Khan	10:20-10:30

**Duration of each presentation may vary depending on the number of presenting authors

Water Resources Engineering (Session-3), Venue: Drift Meeting Room

Session Chair: Prof. Dr. Md. Hazrat Ali, CUET

Date: 22/12/2016 Time: 14:00-15:30

Sl.	Paper ID	Paper Title	Author Name	**Time
1	64	Downscaling of a selected GCM results for GBM basin using SDSM	M. M. Ali, A.T.M. H. Zobeyer, M. M. Rahman & G. C. Paul	14:00-14:11
2	135	Study on hydrodynamic response of Gorai river to dredging using delft 3D	A. Rahman & A. Yunus	14:11-14:22
3	141	Flood inundation mapping on Jamuna basin floodplain using HEC-RAS 1D/2D coupled model	M. M. Ali, M. S. B. M. Aneek & A. H. A. N. Khan	14:22-14:33
4	143	Changes of Hydro-morphology of Shitalakhya River and Effect of Proposed Bridge Using HEC-RAS 1D Model	S. A. Saki & M. M. Miah	14:33-14:44
5	302	Effective water distribution network for CUET campus	M. H. Kabir, M. T. Hossain, A. Khair, M. Hassan & M. H. Ali	14:44-14:55
6	248	Estimation of Suspended Sediment Concentration of Water Bodies Using Low Cost Portable Digital Camera	A. Haque & K. K. Adhikary	14:55-15:06
7	180	Assessment of coastal scour at Swandip channel for design of jetty	M. A. Matin, M. Z. Abedin & A. N. Mowrin	15:06-15:18
8	65	An experimental study on dumping of bank protection materials under flowing water	M. Jahan, R. Sharmin, M. A. Rahman & M. M. A. Chowdhury	15:18-15:30

**Duration of each presentation may vary depending on the number of presenting authors