

Conference Programme Outline for ICCESD-2014

Collection of Conference Kit:

February 13, 2014 (from 15:00~18:00)

Venue: Civil Engineering Building, KUET

Day 1: 14 February, 2014 (Friday)

Time	Venue	Events
8:30-9:15	CE Building	Collection of Conference Kit and Reporting of Registered Participants
9:30-10:25	KUET Auditorium	Inaugural Ceremony of ICCESD-2014
10:25-10:45	KUET Auditorium	Refreshment
		Keynote Session:
10:45-11:45	KUET Auditorium	Keynote Speech by Prof. Dr. Shamim Z. Bosunia Keynote Speech by Prof. Dr. M. Feroz Ahmed
11:45-14:30	CE Building	Friday prayer & Lunch
14:30-16:06	CE Building	Parallel Technical Sessions (1 st , 2 nd & 3 rd)
16:06-16:35	CE Building	Coffee Break
16:35-17:59	CE Building	Parallel Technical Sessions (4 th , 5 th & 6 th)
17:59-18:30	CE Building	Prayer Break
18:30-19:30	CE Building	Parallel Technical Sessions (7 th , 8 th & 9 th)
19:30-	CE Building	Dinner at CE Building

Day 2: 15 February, 2014 (Saturday)

Time	Venue	Events
8:30-10:06	CE Building	Parallel Technical Sessions (10 th , 11 th & 12 th)
10:06-10:40	CE Building	Coffee Break
10:40-12:28	CE Building	Parallel Technical Sessions (13 th , 14 th & 15 th)
12:28-14:10	CE Building	Lunch & Prayer Break
14:10-14:30	CE Building (Room A)	Keynote Speech C by Prof. Dr. Md. Monjur Hossain
14:30-16:06	CE Building	Parallel Technical Sessions (16 th , 17 th & 18 th)
16:06-16:40	CE Building	Prayer & Coffee Break
16:40-18:04	CE Building	Parallel Technical Sessions (19 th , 20 th & 21 st)
18:04-18:18		Prayer Break
18:18-19:42	CE Building	Parallel Technical Sessions (22 rd & 23 rd)
19:42		Depart to Conference Dinner
20:15-22:15	Hotel City Inn	Closing Ceremony of ICCESD-2014 & Conference Dinner

CONFERENCE PROGRAMME

1st Technical Session		Environmental Engineering-I		Venue: Seminar Room A	
Session Chair: Prof. Dr. M. Feroz Ahmed, VC Stamford University, Bangladesh				Date: 14/02/2014	
Time	Paper ID	Paper Title	Page No.	Authors Name	
14:30~14:42	E 1435	Available studies on groundwater for drinking purpose in Khulna city: A review	pp. 001-002	Q. H. Bari, M. Wahiduzzaman, K. M. Hassan and S. M. Moniruzzaman	
14:42~14:54	E 1416	Evaluating the existing condition of clinical waste management in Khulna city and its possible health hazards	pp. 003-004	Abu Sayed Mohammad Akid, Kh. Mahbub Hassan, Omar Shahrear Apu, Sm. Arifur Rahman and Md. Azizur Rahman	
14:54~15:06	E 1442	Study on composting of uncooked kitchen waste	pp. 005-006	S. M. Moniruzzaman, Joyita Adhikary, Q. H. Bari and Kanij Fahmida	
15:06~15:18	E 1439	Design of user friendly eco-sanitary latrine	pp. 007-008	Istiaque Mahmud and Md. Niamul Bari	
15:18~15:30	E 1445	Plastic waste recycling scenario in Khulna city	pp. 009-010	A.S.M. Riyad, Abu Zakir Morshed, Kh. Mahbub Hassan and Sk. Farid Hossain	
15:30~15:42	E 1436	Environmental comparison between stone and brick chips construction	pp. 011-012	Md. Shahriar Alam, Syed Istiaq Ahmad	
15:42~15:54	E 1440	Study on the locally available clayey soils for the preparation of liner	pp. 013-014	Shuma R. Saha and Muhammed Alamgir	
15:54~16:06	E 1464	Development of a hybrid water treatment system using solar still cum sand filter with ceramic media	pp. 015-016	Abdullah Al Sadeek and Khondoker Mahbub Hassan	
16:06~16:35	Prayer & Coffee Break				

2nd Technical Session		Water Resources Engineering-I		Venue: Seminar Room B	
Session Chair: Prof. Dr. Monsur Rahman, BUET				Date: 14/02/2014	
Time	Paper ID	Paper Title	Page No.	Authors Name	
14:30~14:42	W 1415	Storm water management for urban areas of Bangladesh by analytical & modelling approach: A case study of Chalna municipality	pp. 091-092	M. Rahman, Rupayan Saha, M. M. Haque and Shahadat Hossain	
14:42~14:54	W 1441	Application of CCE2D mathematical model in the Gorai offtake for two-dimensional simulation	pp. 093-094	Nishan Kumar Biswas and Muneer Ahammad	
14:54~15:06	W 1454	Computation of discharge and flow volume for different flooding scenario in the lower Meghna estuary	pp. 095-096	Ali Mohammad Rezaie, Sumaiya, Shah Alam , Istiaq Ahmed, Hafez Ahmed, Md. Nurul Kadir, Muhammad Khalid Bin Siddique, Mansur Ali Jisan and Anisul Haque, Munsur Rahman	
15:06~15:18	W 1447	Hydro-morphological change near old Brahmaputra Off take	pp. 097-098	Fahmida Noor, Md. Musfequzzaman and Md. Abdul Matin	
15:18~15:30	W 1448	Macroscopic two-phase flow modeling of concentrated suspensions of waste water using a continuum constitutive equation	pp. 099-100	Shimul Hazra	
15:30~15:42	W 1464	Hydraulic and morphological impact assessment of capital dredging in the Ganges river using Hec-Ras	pp. 101-102	Imran Khan	
15:42~15:54	W 1405	Two-dimensional simulation of flows in bends of an open channel by iRIC Nays2D	pp. 103-104	Md. Hasibur Rahman Lemon, Md. Shahjahan Ali and Md. Abdul Qaiyum Talukder	
15:54~16:06	W 1428	Geostatistical analysis of groundwater level fluctuations in the shallow aquifer of northwestern Bangladesh	pp. 105-106	S.K. Adhikary, A.A. Sharif, S.K. Das and G.C. Saha	
16:06~16:35	Prayer & Coffee Break				

3rd Technical Session		Structural Engineering-I		Venue: Seminar Room C	
Session Chair: Prof. Dr. Md. Monjur Hossain AUST				Date: 14/02/2014	
Time	Paper ID	Paper Title	Page No.	Authors Name	
14:30~14:42	S 1427	Determination of setting time from the electrical resistivity of cement paste	pp. 177-178	Md. Rokon Hasan, Muhammad Harunur Rashid, S M Arifur Rahman	
14:42~14:54	S 1416	Study on compressive strength of concrete using stone dust as partial replacement of fine aggregate	pp.179-180	M.S. Amin, A.H.M.G. Hyder, M.R. Hassan and S.M.Z. Islam	
14:54~15:06	S 1417	Strengthening of existing RC roof slab	pp. 181-182	Md. Rakibul Hasan, Md. Abu Sufian Talukder and Muhammad Harunur Rashid	
15:06~15:18	S 1421	Comparative study on rapid chloride durability tests on supplementary concretes	pp. 183-184	S. J. U. Ahmed	
15:18~15:30	S 1428	Behavior of Ferro-cement and RC column under lateral and axial loading	pp. 185-186	Md. Abu Sufian Talukder, Md. Rakibul Hasan and Muhammad Harunur Rashid	
15:30~15:42	S 1436	Laboratory investigation of no fines concrete	pp. 187-188	Md. Iftekar Alam, Mir Abdul Kuddus and Shariful Islam	
15:42~15:54	S 1437	Necessity of non-linear bond stress-slip model for simulating the cyclic behavior of Reinforced Concrete (RC) members	pp. 189-190	Sharmin Reza Chowdhury and Wahid Hassan	
15:54~16:06	S 1438	Strength deterioration of brick aggregate concrete in NaCl environment	pp. 191-192	Md. Saiful Islam, Sabrina Islam, Md. Moinul Islam and Md. S. Z. Basunia	
16:06~16:35	Prayer & Coffee Break				

4th Technical Session		Environmental Engineering-II		Venue: Seminar Room A	
Session Chair: Prof. Dr. Quazi Hamidul Bari, AUST				Date: 14/02/2014	
Time	Paper ID	Paper Title	Page No.	Authors Name	
16:35~16:47	E 1472	Urbanization and sustainability challenges in Dhaka city, Bangladesh	pp. 017-018	Muhammad Abdullah, Sushil Kumar Das and Oyama Tatsuo	
16:47~16:59	E 1473	Trend analysis of climatic extreme events for the Haor area of Bangladesh using climatic indices	pp.019-020	Saniruzzaman	
16:59~17:11	E 1424	Environmental impact assessment on Kalishuri to Surjomoni union road construction project at Bauphal, Patuakhali	pp. 021-022	Md. Hamidul Islam, Md. Shafiqul Islam and Tania Yeasmin	
17:11~17:23	E 1432	Study on Environmental Management Plan (EMP) of proposed leather industry in Lebukhali, Patuakhali	pp. 023-024	Md. Hamidul Islam, Chhanda Rani and Rowan Jahana	
17:23~17:35	E 1441	Generation of ammonia in deliming operation from tannery and its environmental effect: Bangladesh perspective	pp. 025-026	Md. Abul Hashem, Ahidul Islam, Subrata Paul and Shamima Nasrin	
17:35~17:47	E 1426	Graphene based reverse osmosis desalination technique: Cost and Energy perspective	pp. 027-028	Debashis Sarker, Khondoker Mahbub Hassan, Moythely Roy and Nazia Zerina	
17:47~17:59	E 1469	Characteristics and management of commercial solid waste in Khulna city of Bangladesh	pp. 029-030	A S M. Riyad, Kh. Mahbub Hassan, Md. Azizur Rahman, Mahabub Alam and Abu Sayed Mohammad Akid	
17:59~18:30	Prayer Break				

5th Technical Session		Water Resources Engineering-II		Venue: Seminar Room B	
Session Chair: Dr. Engr. Gholam Mostofa, Chairman, CE Division, IEB				Date: 14/02/2014	
Time	Paper ID	Paper Title	Page No.	Authors Name	
16:35~16:47	W 1436	A Study on Water Logging Reduction in Chittagong City	pp. 107-108	Shoukat Ahmed, Syed Abdullah Mohit and Aysha Akter	
16:47~16:59	E 1456	Engineering activities and their mismanagement at halda: A unique river for natural spawning of major Indian carps	pp. 109-110	Md. Humayun Kabir, Mohammed Monzoorul Kibria, Iftakharul Alam Russell and Mohammad Mosharrar Hossain	
16:59~17:11	W 1432	Hazard Assessment for Flash Flood in Deeply Flooded Haor Basin of Bangladesh	pp. 111-112	Sabbir Hossain, Anisul Haque, B. Bhattacharya, M.F.A Khan and M. Maswood	
17:11~17:23	W 1444	Erosion Trend Analysis at Chandpur Confluence of Meghna Estuary	pp. 113-114	Md Hafez Ahmed, Ali Mohammad Rezaie, Muhammad Khalid Bin Siddique and Ishtiaq Ahmed	
17:23~17:35	W 1434	Application of GIS in risk assessment of storm surge in Bhola district	pp. 115-116	Mutasim Billah, Umme Kulsum Navera and Farhana Noor	
17:35~17:47	W 1412	Analytical assessment of groundwater recharge potential for the Ganges-Kobadak (G-K) irrigation project area	pp. 117-118	S. M. Shahed Sharif and Sajal Kumar Adhikary	
17:47~17:59	W 1425	Cost of irrigation water in Bangladesh: A study from Chittagong and Rangpur district	pp. 119-120	Md. Reaz Akter Mullick, Manjura Musharraf Anannya and H.M. Emrul Ahmed	
17:59~18:30	Prayer Break				

6th Technical Session		Transportation Engineering-I		Venue: Seminar Room C	
Session Chair: Prof. Dr. Md. Mazharul Haque, BUET				Date: 14/02/2014	
Time	Paper ID	Paper Title	Page No.	Authors Name	
16:35~16:47	T 1418	Determining suitable bus stop location using geographic information system in Kaptai road, Chittagong	pp. 249-250	Md. Rezuhanul Islam, Tanveer Rahman, Sourav Das, Sohaib Sinan, Khatun-E-Zannat and Md. Rabiul Islam	
16:47~16:59	T 1422	Estimation of the highway capacity in Khulna metropolitan city	pp. 251-252	M.T. Hasan and Q.S.Hossain	
16:59~17:11	T 1423	A study on the factors involved in truck accidents in Bangladesh	pp. 253-254	Ishtiaq Ahmed, Abu A. Sufian and Sakib M. Khan	
17:11~17:23	T 1424	Evaluating the performance of a road: A case study of Muradpur to Dewanhat road, Chittagong	pp. 255-256	Md. Rezuhanul Islam, Shoukat Ahmed, and Debasish Roy Raja	
17:23~17:35	T 1421	iRAP star ratings for national highways in Bangladesh	pp. 257-258	M A Rahman and M M Hoque	
17:35~17:47	T 1429	BRT as mass transit option: The context of Dhaka	pp. 259-260	Md. Mazharul Hoque, S. M. Abdullah Al Mamun and Hasib Mohammed Ahsan	
17:47~17:59	T 1426	Pedestrians in sustainable urban transport management and climate mitigation: The case of megacity Dhaka	pp. 261-262	Hasinae Jannat, Tusar K. Roy and Kamrul H. Sohag	
17:59~18:30	Prayer Break				

7 th Technical Session		Environmental Engineering-III		Venue: Seminar Room A	
Session Chair: Prof. Dr. Md. Saiful Islam, KUET				Date: 14/02/2014	
Time	Paper ID	Paper Title	Page No.	Authors Name	
18:30~18:42	E 1408	Feasibility of rooftop rainwater harvesting in coastal areas: A case study	pp. 031-032	A. S. M. Asif Iqbal , and Kh. Mahbub Hassan	
18:42~18:54	E 1453	Reuse of textile dyeing wastewater for irrigation in cultivation of some selected crops: A review	pp. 033-034	Khandaker S, Saha G.C, Islam M. S and Ratan M.M.R	
18:54~19:06	E 1457	Present scenario of rainwater harvesting in Rajshahi	pp. 035-036	Md. Niamul Bari, K. M. Nahid Hossain Shaon, Fatema Khatun, H.M. Rasel and Sobura Khatun	
19:06~19:18	E 1454	Effects of salinity on land fertility in coastal areas of Bangladesh	pp. 037-038	Md. Azizur Rahman, Kh. Mahbub Hassan, Mahabub Alam, Abu Sayed Mohammad Akid, A S M Riyad	
19:18~19:30	E 1412	Climate induced vulnerabilities in Natun Bazar Char areas: Water supply and sanitation perspective	pp. 039-040	Selim Ahmed, Kh. Mahbub Hassan , Q. H. Bari and Md. Hasibur Rahman Lemon	
19:30~	Dinner at CE Building				

8 th Technical Session		Water Resources Engineering-III		Venue: Seminar Room B	
Session Chair: Prof. Dr. Kh. Md. Shafiul Islam, KUET				Date: 14/02/2014	
Time	Paper ID	Paper Title	Page No.	Authors Name	
18:30~18:42	W 1431	Establishment of co-relation between remote sensing based TRMM data and ground based precipitation data in North-East region of Bangladesh	pp. 121-122	Munshi Md. Shafwat Yazdan, Ahmmed Zulfikar Rahaman, Farhana Noor and Bushra Monowar Duti	
18:42~18:54	W 1421	A study on variation of temperature and rainfall in north-central region of Bangladesh	pp. 123-124	Rezanur Rahman	
18:54~19:06	W 1410	Study of precipitation variability in Bangladesh: An index based approach	pp. 125-126	Feroj Alam Evan and Md. Shahjahan Ali	
19:06~19:18	W 1463	An assessment of best fitted rainfall distribution for projected climate change over Bangladesh using statistical downscaling method	pp. 127-128	Supria Paul, Mohammad Alfi Hasan and Ahsan Azhar Shopan	
19:18~19:30	W 1455	Freshwater corridor in South-West region of Bangladesh and impact of SLR	pp. 129-130	M.A. Matin, Md. Mashfiqul Islam, Ashfia Siddique and Md. Mafizul Islam	
19:30~	Dinner at CE Building				

9 th Technical Session		Structural Engineering-II		Venue: Seminar Room C	
Session Chair: Prof. Dr. Md. Keramat Ali Molla, KUET				Date: 14/02/2014	
Time	Paper ID	Paper Title	Page No.	Authors Name	
18:30~18:42	S 1447	Performance of fly ash concrete in seawater against freeze-thaw action	pp. 193-194	Md. Moinul Islam and Md. Saiful Islam	
18:42~18:54	S 1450	Effectiveness of color coating on corrosion of steel reinforcement in concrete	pp. 195-196	Bappa Kumar Paul, Muhammad Harunur Rashid and Milon Kanti Howlader	
18:54~19:06	S 1411	Performance evaluation of RC buildings designed by BNBC 2013	pp. 197-198	Md. Abdullah Al Sarfin and Tahsin Reza Hossain	
19:06~19:18	S 1413	Cost optimization of columns	pp. 199-200	T. Das and M.S. Bari	
19:18~19:30	S 1423	Comparison of wind load among BNBC and other codes in different type of areas	pp. 201-202	R. M. Faysal	
19:30~	Dinner at CE Building				

10th Technical Session		Environmental Engineering- IV		Venue: Seminar Room A	
Session Chair : Dr. Md. Niamul Bari, RUET				Date: 15/02/2014	
Time	Paper ID	Paper Title	Page No.	Authors Name	
8:30~8:42	E 1421	Removal of CR(VI) from aqueous solution using bone char as a low cost adsorbent	pp. 041-042	A.H.M.G. Hyder , S. A. Begum and N. O. Egiebor	
8:42~8:54	E 1425	Study on decentralized wastewater treatment plant in Paanchtala colony Khulna	pp. 043-044	Raisa Khan, Md. Tanvir Ishtiaq Shaon and Muhammed Alamgir	
8:54~9:06	E 1406	Development of an arsenic and iron removal unit using sand filter with charcoal and iron powder	pp. 045-046	Tamanna Tabassum Tanni, Kh. Mahub Hassan and Kanij Fahmida	
9:06~9:18	E 1447	Impact of water logging on agriculture and food security: A case study in Satkhira, Bangladesh	pp.047-048	Md. Ajmal Hossain Gazi and S. M. Moniruzzaman	
9:18~9:30	E 1415	Characterization, flow dynamics and treatment of waste water of textile dyeing vat at Kushtia district in Bangladesh	pp. 049-050	S.M.Hasan Razu, Abul Kalam Azad, Q. H. Bari and Masudur Rahman	
9:30~9:42	E 1459	Medical Waste Management at Hospitals in Dhaka City: A case study	pp. 051-052	Zerin Binte Alam, Md. Ashiqur Rahman, Muhammed Alamgir and Khondoker Mahub Hassan	
9:42~9:54	E 1431	Speciation of copper in water and potential of application of copper salt for algae removal at the saidabad water treatment plant	pp. 053-054	Shamsunnahar Suchana and M. Ashraf Ali	
9:54~10:06	E 1433	Surface water salinity intrusion assessment of South-West region of Bangladesh: A GIS based approach	pp. 055-056	Ishtiaq Ahmed, Md. Nurul Kadir Seum and Md. Hafez Ahmed	
10:06~10:40	Coffee Break				

11th Technical Session		Water Resources Engineering-IV		Venue: Seminar Room B	
Session Chair: Prof. Dr. Md. Shajahan Ali, KUET				Date: 15/02/2014	
Time	Paper ID	Paper Title		Authors Name	
8:30~8:42	W 1423	Impact of mixed cropping on groundwater based irrigation in South-West region of Bangladesh	pp. 131-132	Shamim Mohammad Murshid	
8:42~8:54	W 1472	Response of coastal structures due to wave loading	pp. 133-134	M. Ahammad Sharif and Iftekhar Anam	
8:54~9:06	W 1417	Sustainable navigability improvement of Mongla Port	pp. 135-136	Motiur Rahman	
9:06~9:18	W 1456	Effect of climate change on flood inundation of the Jamuna river basin	pp. 137-138	Md. Mostafizur Rahman and Mohammad Mostafa Ali	
9:18~9:30	W 1426	The livelihood vulnerability indices to assess the climate change induced risks -a case study of coastal Bangladesh	pp. 139-140	Md. Tanjim Islam, md. Bellal Hossen and Md. Shahjahan Ali	
9:30~9:42	W 1453	Predicting bankline changes in the karnafuli river using ARCGIS	pp. 141-142	Rana Das, Md. Billal Hossen and Aysha Akter	
9:42~9:54	W 1443	Assessment on the adequacy of navigation of some inland waterway routes of Bangladesh	pp. 143-144	Supria Paul, M. Abdul Matin and Ahsan Azhar Shopan	
9:54~10:06	W 1424	Predicting non revenue water through leakage detection in a distribution system	pp. 145-146	Md. Apel Mahmud and Aysha Akter	
10:06~10:40	Coffee Break				

12th Technical Session		Transportation Engineering-II		Venue: Seminar Room C	
Session Chair: Prof. Dr. Quazi Sazzad Hossain, KUET				Date: 15/02/2014	
Time	Paper ID	Paper Title	Page No.	Authors Name	
8:30~8:42	T 1420	Analysis of bus network coverage for Dhaka city along with its service quality	pp. 263-264	Hasib Mohammed Ahsan, S. M. Abdullah Al Mamun, Rakibul Hassan and Tanjinur Akter	
8:42~8:54	T 1409	Increasing air traffic demand and relevant issues in Bangladesh	pp. 265-266	Hasib Mohammed Ahsan, Md. Eleous, Md. Emrul Hasan, Md. Sharikur Rahman and Fahim Ahmed	
8:54~9:06	T 1410	Estimation of road traffic accidents cost in Khulna Metropolitan City	pp. 267-268	N.J. Imi, Q.S. Hossain and N. Islam	
9:06~9:18	T 1414	Transportation scenario of Dhaka City: Congestion and Air Pollution	pp. 269-270	Sadia Binte Salam ,Priyanka Das and Tanweer Hasan	
9:18~9:30	T 1415	Road safety assessment for pedestrians on Dhaka-Aricha Highway (N5)	pp. 271-272	Ahmed Md. Hafez Hoque and Md. Mazharul	
9:30~9:42	T 1411	Capacity evaluation of roundabout intersections in Khulna Metropolitan City using SIDRA	pp. 273-274	N. Islam, Q. S. Hossain and N. J. Imi	
9:42~9:54	T 1416	Rail safety at level crossings in Bangladesh	pp. 275-276	Hasib Mohammed Ahsan, Mutamid Billah Azzacy, and Md. Shajedul Islam	
9:54~10:06	T 1417	Significance of derailments in rail safety in Bangladesh	pp. 277-278	Hasib Mohammed Ahsan, Md. Shajedul Islam and Mutamid Billah Azzacy	
10:06~10:40	Coffee Break				

13th Technical Session		Environmental Engineering-V		Venue: Seminar Room A	
Session Chair: Prof. Dr. Muhammed Alamgir, VC, KUET				Date: 15/02/2014	
Time	Paper ID	Paper Title	Page No.	Authors Name	
10:40~10:52	E 1410	Construction and renovation of sewer network at a developed residential area in Dhaka City: A case study	pp. 057-058	Quazi Shammas Sayeed, S. M. Moniruzzaman, Mehedi Hasan Mishuk and Saddam Hossain	
10:52~11:04	E 1443	Ammonia removal from water using synthetic zeolite	pp. 059-060	Md. Nur Basit Zaman, Md. Imdadul Islam and M. Ashraf Ali	
11:04~11:16	E 1448	Performance evaluation of central effluent treatment plant in DEPZ, Savar, Bangladesh	pp. 061-062	Ahmud Fahim and Kh. Mahbub Hassan	
11:16~11:28	E 1427	Household level purification technique trend in Dhaka City	pp. 063-064	S. Ghosh, A.M. Redwan and M.M. Rahman	
11:28~11:40	E 1428	Impact assessment of cyclonic storm surges on ecosystem services in the South-West coastal zone of Bangladesh	pp. 065-066	Ahsan Azhar Shopan, G.M. Tarekul Islam, A.K.M. Saiful Islam, Md. Munsur Rahman, Attila N. Lazar and Craig Hutton	
11:40~11:52	E 1430	Study on the performance of different coagulants for turbidity and color removal	pp. 067-068	S. M. Moniruzzaman, Mehedi Hasan Mishuk, Quazi Shammas Sayeed and Md. A. T. Fahmidur Rahman	
11:52~12:04	E 1422	Evaluation of CR(VI) removal efficiency from wastewater using Bio-Char	pp. 069-070	A.H.M.G. Hyder, S. A. Begum and N. O. Egiebor	
12:04~12:16	E 1446	Assessment of grey water use potential, a case study	pp. 071-072	Juthika Roy and Sudip Kumar Pal	
12:16~12:28	E 1401	A preliminary survey of residents for the project to prevail tss in parbayarjhapa, Bangladesh	pp. 073-074	Tomohiro Umemura, Kh. Md. Shafuil Islam, Md. Saiful Islam, Mika Hasegawa, Yukinori Kusaka, Hiroaki Terasaki and Teruyuki Fukuhara	
12:28~14:10	Prayer & lunch break				

14th Technical Session		Geotechnical Engineering-I		Venue: Seminar Room B	
Session Chair: Prof. Dr. Md. Abul Bashar, KUET				Date: 15/02/2014	
Time	Paper ID	Paper Title	Page No.	Authors Name	
10:40~10:52	G 1419	Study on some physical and strength characteristics of cement stabilized soil	pp. 295-296	Md. Asiful islam, Masum Shaikh and Md. Keramat Ali Molla	
10:52~11:04	G 1422	Statistical evaluation of bearing capacity of Khulna sub-soil	pp. 297-298	RajibBanik, NazmaKhatun, Masum Shaikh and Md. Keramat Ali Molla	
11:04~11:16	G 1430	Investigation on strength development of cement stabilized organic soil	pp. 299-300	Arojit Kumer Das, Md. Zahidul Islam, Gopal Chandra Saha, Chinmoy Dutta and M. M. Tariq Morshed	
11:16~11:28	G 1415	Investigate the geotechnical properties of expansive soil using local sand and rice husk ash	pp. 301-302	B. Ahmed, M. A. Alim, M. F. Ali and M. E. K. Sarker	
11:28~11:40	G 1417	Slope stability analysis of an embankment at Jamuna river	pp. 303-304	N. Fatema and M. A. Ansary	
11:40~11:52	G 1423	Cyclic and monotonic response of Padma sand and silt	pp. 305-306	Mohammad Emdadul Karim and Md. Jahangir Alam	
11:52~12:04	G 1427	Effect on permeability and shear strength with the variation of grain size of sand	pp.307-308	Sohana Afreen and Md. Abul Bashar	
12:04~12:16	G 1428	"Geo textile" –a tremendous invention of geo technical engineering	pp. 309-310	Md. Eanamul Haque Nizam and Subrata Chandra Das	
12:16~12:28	G 1425	Performance of admixture soil as a bottom liner of landfill	pp. 311-312	Choton M. Mahmud and Muhammed Alamgir	
12:28~14:10	Prayer & lunch break				

15th Technical Session		Structural Engineering-III		Venue: Seminar Room C	
Session Chair: Brig. General Md. Samsul Alam Khan, P.Eng., Chairman, KDA				Date: 15/02/2014	
Time	Paper ID	Paper Title	Page No.	Authors Name	
10:40~10:52	S 1410	An alternate to sulfur capping for crushing strength test of clay bricks in Bangladesh	pp. 203-204	Abu Zakir Morshed, Mahzabin Afroz, Imdadur Rahman and Subrota Kumar Roy	
10:52~11:04	S 1449	Comparison of the cost of circular column with rectangular column for similar loading condition	pp. 205-206	Abdullah Al Mamun	
11:04~11:16	S 1426	Self-compacting concrete using Barapukuria fly ash	pp. 207-208	G. M. Sadiqul Islam, Sultan Arif and Ferdousul Kabir	
11:16~11:28	S 1418	Applications of Fiber Reinforced Polymer Composites (FRP) in Civil Engineering	pp. 209-210	Subrata Chandra Das and Md. Eanamul Haque Nizam	
11:28~11:40	S 1415	Test of masonry walls for different strengthening techniques	pp. 211-212	Ataur Rahman and Tamon Ueda	
11:40~11:52	S 1441	Importance of hysteretic constitutive model for high-strength reinforcing steel in seismic analysis of Reinforced Concrete (RC) structures	pp.213-214	Sharmin Reza Chowdhury and Wahid Hassan	
11:52~12:04	S 1431	Determination of compressive strength of mortar due to filler effect of Pozzolans	pp. 215-216	M. N. N. Khan, M. Jamil, A. B. M. A. Kaish and M.F.M. Zain	
12:04~12:16	S 1433	Performance of recycled waste concrete and its applicability in construction industry	pp. 217-218	Fatima Naznin, Mossa. Farhana Jesmin, Muhammad Harunur Rashid and Md. Mafuzur Rahaman	
12:16~12:28	S 1408	Study on reinforcement corrosion in high performance concrete under pre-loading condition	pp. 219-220	Abu Zakir Morshed, Hasan Ahmed Kazmee and Mohammad Zahidul Islam	
12:28~14:10	Prayer & lunch break				

16 th Technical Session		Environmental Engineering-VI		Venue: Seminar Room A	
Session Chair: Prof. Dr. Kh. Mahbub Hassan, KUET				Date: 15/02/2014	
Time	Paper ID	Paper Title	Page No.	Authors Name	
14:10~14:30	Keynote Paper Titled Earthquake and Life Line: in the Context of Bangladesh Presented By Prof. Dr. Md. Monjur Hossain (PP. 341-342) In Seminar Room A				
14:30~14:42	E 1449	A new climate threat from SLCPS and their fast-action mitigation measures in context of Bangladesh	pp. 075-076	Plaban Das, M. Ashraf Ali and Tanvir Ahmed	
14:42~14:54	E 1452	Study on water purification by Solar Energy	pp. 077-078	Barnali Biswas, Md. Saiful Islam and Papia Biswas	
14:54~15:06	E 1466	Greenhouse gas emission scenario of existing electricity generation technologies in Dhaka city	pp. 079-080	Karishma Niloy Kibria	
15:06~15:18	E 1451	Doehlert design experiment to optimize pH for removal of turbidity from surface water by electro coagulation	pp. 081-082	Chanchal Majumder	
15:18~15:30	E 1437	A review study on use of constructed wetlands for wastewater treatment and water recycling—exploring possibility in Bangladesh	pp. 083-084	Md. Shohidul Islam, Md. Matiur Rahman Ratan, and Md. Showkat Osman	
15:30~15:42	E 1438	Removal of color from wastewater using locally available charcoal	pp. 085-086	Md. Niamul Bari, Mst. Sulekha Khatun, H.M. Rasel and Fatema Khatun	
15:42~15:54	E 1444	E-waste recycling practices in Bangladesh	pp. 087-088	A.S.M. Riyad, Kh. Mahbub Hassan, M. Javed Iqbal, M. Abdur Rahim and S.M. Wasi Uddin	
15:54~16:06	E 1458	Engineering behavior of solid waste improved by sand	pp. 089-090	Sharid Shahnewaz and Md. Ariful Hossain	
16:06~16:40	Prayer & Coffee Break				

17 th Technical Session		Water Resources Engineering-V		Venue: Seminar Room B	
Session Chair: Prof. Dr. Md. Monowar Hossain, Executive Director, IWM				Date: 15/02/2014	
Time	Paper ID	Paper Title	Page No.	Authors Name	
14:10~14:30	Keynote Paper Titled Earthquake and Life Line: in the Context of Bangladesh Presented By Prof. Dr. Md. Monjur Hossain (pp. 341-342) In Seminar Room A				
14:30~14:42	W 1435	Study on the implication of the rain water harvesting system in the urban slums & schools	pp. 147-148	F. Nusrat	
14:42~14:54	W 1422	Morphological change in the open channel flume due to the effect of bamboo bandalling structures	pp. 149-150	Md. Lutfur Rahman and Md. Showkat Osman	
14:54~15:06	W 1450	Study on existing drinking water sources and the potentiality of rain water harvesting at Mongla, Bagerhat	pp. 151-152	Papia Biswas, Md. Saiful Islam, Md. Rasel Sheikh and Barnali Biswas	
15:06~15:18	W 1465	Scouring in Jamuna river and failure of Sirajgonj Hardpoint	pp. 153-154	Md. Abdul Qaiyum Talukder, Md. Shahjahan Ali and Md. Hasibur Rahman Lemon	
15:18~15:30	W 1419	Application of DMA concept for Khulna city water supply and distribution system	pp. 155-156	Shahadat Hossain, M. Abdullah, M.Z. Karim and M.E. Huq	
15:30~15:42	W 1427	Possibilities of successful coastal flexible revetment technology against riverbank failure	pp. 157-158	Aysha Akter	
15:42~15:54	W 1460	Development of cyclone hazard maps with effect of climate change scenario for Barguna Sarda Upazila, Bangladesh	pp. 159-160	Sadequr Rahman Bhuiyan, Abdullah Al Baky, M Mozzammel Hoque, M. Shah Alam Khan, Tarekul Islam, Mashfiqus Salehin, Shahjahan Monda and AKM Saiful Islam	
15:54~16:06	W 1471	Response of protective vegetation due to wave loading	pp. 161-162	Mirza Ahammad Sharif and Iftekhar Anam	
16:06~16:40	Prayer & Coffee Break				

18 th Technical Session		Transportation Engineering-III		Venue: Seminar Room C	
Session Chair: Prof. Dr. Hasib Mohammad Ahsan, BUET				Date: 15/02/2014	
Time	Paper ID	Paper Title	Page No.	Authors Name	
14:10~14:30	Keynote Paper Titled Earthquake and Life Line: in the Context of Bangladesh Presented By Prof. Dr. Md. Monjur Hossain (pp. 341-342) In Seminar Room A				
14:30~14:42	T 1419	Evaluation of current off-street parking practice in Dhaka City	pp. 279-280	A. Ahmed and N. Islam	
14:42~14:54	T 1425	Institutional weakness and consequential impact on land use and transportation system in Dhaka metropolitan city	pp. 281-282	S. M. S. Mahmud and M. S. Hoque	
14:54~15:06	T 1427	Regional road safety problems: Sharing of experiences from the local learning	pp. 283-284	S. M. S. Mahmud and M. A. Raihan	
15:06~15:18	T 1433	Non-motorized vehicle accidents: Accident prone locations and road factors responsible for accidents	pp. 285-286	Abu A. Sufian, Sakib M. Khan and Ishtiaq Ahmed	
15:18~15:30	T 1435	Investigation of automotive lighting system in Bangladesh	pp. 287-288	Sakib Mahmud Khan, Sababa Islam, Ishtiaq Ahmed and Abu Ahmed Sufian	
15:30~15:42	T 1428	Pedestrian flow characteristics at walkways in Rajshahi metropolitan city of Bangladesh	pp. 289-290	Aysha Akter, M. I. Nazir, K. M. A. Al Razi, Q. S. Hossain and S. K. Adhikary	
15:42~15:54	T 1405	Effect of different types of filler materials on characteristics of hot mix asphalt content	pp. 291-292	Tabassum Mohsin Chowdhury, Quazi Sazzad Hossain, Rezoana Islam and Sadman Shakib	
15:54~16:06	T 1434	Motorcycle risk assessment in Bangladesh	pp. 293-294	M M Hoque, M A Rahman and M S Hossain	
16:06~16:40	Prayer & Coffee Break				

19 th Technical Session		Geotechnical Engineering-II		Venue: Seminar Room A	
Session Chair: Dr. Md. Rokonzaman, KUET			Date: 15/02/2014		
Time	Paper ID	Paper Title	Page No.	Authors Name	
16:40~16:52	G 1406	A comparative study on the load carrying capacity of RC bored piles	pp. 313-314	Sabrina Islam, Keya Chowdhury, S M Farooq, M. Islam and S. Islam	
16:52~17:04	G 1408	Effect of sample size on the macro and micro-scale behavior of granular materials using 3D DEM	pp. 315-316	Md. Mahmud Sazzad, Md. Gauhor Mahmood and Bidduth Kumar Mondol	
17:04~17:16	G 1475	Foundation system adopted to construct building in and around KUET campus of the Bangladesh	pp. 317-318	Md. Assaduzzaman, Md. Rafizul Islam and Muhammed Alamgir	
17:16~17:28	G 1470	Determination of relative density of a granular assembly in DEM based modeling	pp. 319-320	Md. Mahmud Sazzad, Shashanka Biswas and Toufiq-E-Alahy	
17:28~17:40	G 1411	Finite element based design of support system for the deep excavation of an impounding reservoir: A case study	pp. 321-322	Md. Rokonzaman, K.M. Bipul Shahriar and Md. Kamrul Ahsan	
17:40~17:52	G 1412	Study on the mechanical behavior of soft soil reinforced with coir fiber	pp. 323-324	Kazi Ehsanul Moin and Grytan Sarkar	
17:52~18:04	G 1420	Pile capacity in Khulna sub-soil	pp. 325-326	Muhaimenul Alam Fiaz, Masum Shaikh and Md. Keramat Ali Molla	
18:04-18:18	Prayer Break				

20 th Technical Session		Water Resources Engineering-VI		Venue: Seminar Room B	
Session Chair: Dr. Ayesha Akhtar, CUET			Date: 15/02/2014		
Time	Paper ID	Paper Title	Page No.	Authors Name	
16:40~16:52	W 1407	An approach for surface water quality improvement of rivers around Dhaka city for irrigation use	pp. 163-164	Sharmin Jahan Sumi and Md. Abdul Matin	
16:52~17:04	W 1438	Coastal hazards and community-coping methods in south-west coastal region of Bangladesh	pp. 165-166	Shameem hasnain mahmud, Md. Bellal hossen, Md. Momeen-ul-islam and Md. Shahjahan Ali	
17:04~17:16	W 1466	Digital elevation based flood hazard study with effect of climate change scenario in sirajganj sadar upazila, Bangladesh	pp. 167-168	Sadequr Rahman Bhuiyan, Abdullah Al Baky, M Mozzammel Hoque, M. Shah Alam Khan, Tarekul Islam, Mashfiqus Salehin, Shahjahan Monda, AKM Saiful Islam	
17:16~17:28	W 1433	Natural disasters impact on the water cycle, resources, quality and human health	pp. 169-170	N.N. Setu, Shahadat Hossain, Rupayan Saha and M. Rahman	
17:28~17:40	W 1414	Efficacy of Tubular Solar Still (TSS) in producing drinking water for south-western part of Bangladesh	pp. 171-172	Kh. Md. Shafiul Islam, Teruyuki Fukuhara and Tomohiro Umemura	
17:40~17:52	W 1451	Study of road deposited sediment build-up pattern	pp. 173-174	Sudip Kumar Pal, Tareq Mahmood, Md. Rakibul Islam	
17:52~18:04	G 1414	Laboratory investigation of soft soil improvement by cement column	pp. 175-176	Md. Kamrul Ahsan, Md. Istiaq Hossain, Masum Shaikh and Muhammed Alamgir	
18:04-18:18	Prayer Break				

21 th Technical Session		Structural Engineering-IV		Venue: Seminar Room C	
Session Chair: Prof. Dr. Keramat Ali Molla, KUET			Date: 15/02/2014		
Time	Paper ID	Paper Title	Page No.	Authors Name	
16:40~16:52	S 1430	Effect of induced vibration on fresh concrete	pp. 221-222	Rezoana Islam, Mir Abdul kuddus, Shaolin Ferdousi and Tabassum Mohsin	
16:52~17:04	S 1434	Structural performance investigation based on simple assessment procedure at CUET campus	pp. 223-224	Abul Khair, Ram Krishna Mazumder, Nazmus Sakib, Md. Abdur Rahman Bhiyan and Md. Jahangir Alam	
17:04~17:16	S 1435	Critical investigation of the finite element models of Steel Fiber Reinforced Concrete (SFRC): evaluation of the governing parameters to predict the flexural capacities	pp. 225-226	M. M. Islam, M. A. Chowdhury, A. Z. Mustafiz, M. K. Uddin, P. Mondal and A. Siddique	
17:16~17:28	S 1439	Finite Element modeling and analysis of RC beams made of Steel Fiber Reinforced Concrete (SFRC): Critical investigation of the flexural and shear capacity enhancements	pp. 227-228	M. M. Islam, M. A. Chowdhury, S. Amin, S. M. Mitu, M. Bala, Z. Islam, M. S. Rahman, M. S. Salekin, M. S. Hossain, M. R. Islam and A. Siddique	
17:28~17:40	S 1443	Web crippling strength of single web profiled steel sheet subjected to Interior One Flange (IOF) loading	pp. 229-230	S. M. Zahurul Islam and Md. Habibur Rahman	
17:40~17:52	S 1420	Anchorage performance of externally bonded RC beam with genetic algorithm optimization	pp. 231-232	Kh. Mahfuz ud Darain, Mohd Zamin Jumaat, M. Obaydullah, Md. Akter Hosen, Md. Moshir Rahman and Ashrafal Alam	
17:52~18:04	S 1419	Variation of early age autogenous shrinkage of cement paste with temperature	pp. 233-234	Md. Rokon Hasan, Muhammad Harunur Rashid, Ebna Forhad Mondol	
18:04-18:18	Prayer Break				

22 th Technical Session		Structural Engineering-V		Venue: Seminar Room A
Session Chair: Dr. Abu Zakir Morshed, KUET			Date: 15/02/2014	
Time	Paper ID	Paper Title	Page No.	Authors Name
18:18~18:30	S 1442	A comparative study on seismic analysis by Bangladesh National Building Code (BNBC) with other building codes	pp. 235-236	T. Das
18:30~18:42	S 1440	Performance of stone dust on strength properties of mortar	pp. 237-238	Tasnia Hoque, Muhammad Harunur Rashid and Mishuk Majumder
18:42~18:54	S 1425	Earthquake risk perception of the residents in Rajshahi city: a case study	pp. 239-240	N.H.M. Kamrujjaman Serker and A.K.M. Hasanuzzaman
18:54~19:06	S 1405	Analysis of factors causing schedule delay in construction projects in Bangladesh	pp. 241-242	Rahman MD. Mizanur and Lee Young Dai
19:06~19:18	S 1424	Effects of construction sequence on a continuous bridge	pp. 243-244	H. M. I. Mahmud, S.M. S. Mahmud, M. A. I. Omar and Monaz Ahmed Noor
19:18~19:30	S 1429	Strengthening technique of reinforce concrete column for one storey vertical extension: a case study of civil engineering building, kueta, Bangladesh	pp. 245-246	Shariful Islam, Mir Abdul Kuddus and Md. Iftekar Alam
19:30~19:42	S 1446	Investigation of direct tension capacity of steel fiber reinforced concrete (SFRC): finite element (FE) analyses of experimental outcomes	pp. 247-248	M. M. Islam, M. A. Sayeed, E.A. Hossain, S.S. Ahmed, M.A. Chowdhury and A. Siddique
19:42~	Conference Dinner			

23 th Technical Session		Geotechnical Engineering-III		Venue: Seminar Room C
Session Chair: Dr. Md. Rokonzaman, KUET			Date: 15/02/2014	
Time	Paper ID	Paper Title	Page No.	Authors Name
18:18~18:30	S 1448	FEM simulation of the viscous effects of loading rate on Albany sand	pp. 327-328	Abu Hena Muntakim, and Mohammed Saiful Alam Siddiquee
18:30~18:42	G 1435	Artificial neural network approach for the prediction of uplift capacity of anchor foundation	pp. 329-330	Md. Rokonzaman, Masum Shaikh and Sayed Isahaq Hossain
18:42~18:54	T 1412	Analysis of travel behavior in Khulna metropolitan city	pp. 331-332	M.A. Rahman, S.A. Ali and Q.S. Hossain
18:54~19:06	S 1422	Computer aided analysis and design of a Counterfort retaining wall	pp. 333-334	Md. Shams Adnan and Md. Keramat Ali Molla
19:06~19:18	S 1401	Chloride absorption potentiality of resin mixed cement concrete exposed to marine environment	pp. 335-336	Mohammad Najmol Haque , Hiroshi Mutsuyoshi and Osamu Sanada
19:18~19:30	G 1409	Study on the salinity and pH and its effect on geotechnical properties of soil in south-west region of Bangladesh	pp. 337-338	Rahanuma Tajnin, Tabassum Abdullah , Md. Rokonzaman and Masum Shaikh
19:30~19:42	T 1441	Effect of aggregate shape on the strength of bituminous mixes	pp. 339-340	Abu Zakir Morshed, Quazi Sazzad Hossain, Mohammad Ibna Anwar and md. Moinur Rahman
19:42~	Conference Dinner			