

TENTATIVE PROGRAMME	
DAY 1	
24th November 2015 (Tuesday)	
Venue : THE BAYVIEW BALLROOM (2 nd floor)	

0800 – 0830	Arrival and Registration
0900 – 0940	KEYNOTE SESSION 1 Chairperson : Professor Zulkifli Yusop Keynote Speaker 1 : Prof. Kuniyoshi Takeuchi Title of Paper : Disaster Risk Reduction, Resilience And Sustainability
0940 – 0950	Question & Answer
0950 – 1030	KEYNOTE SESSION 2 Chairperson : Professor Ahmad Khairi Abd Wahab Keynote Speaker 2 : Dr. Mohamed Roseli Zainal Abidin Title of Paper : Moving From Millennium Development Goals (MDGs) To Sustainable Development Goals (SDGs) In Water Security Management
1030 – 1045	Question & Answer
1045 – 1100	Refreshment
1100 – 1230	Opening ceremony - Arrival of Invited Guests - Arrival of YB. Dato' Sri Dr. Haji Wan Junaidi bin Tuanku Jaafar - Recital of Doa - Welcoming Speech by Chairman ICWR 2015 - Book Launching Speech by - Officiating Speech by YB. Dato' Sri Dr. Haji Wan Junaidi bin Tuanku Jaafar - Momento to YB Dato' Sri Dr. Haji Wan Junaidi bin Tuanku Jaafar by Chairman of ICWR 2015 - Momento to YB Dato' Sri Dr. Haji Wan Junaidi bin Tuanku Jaafar by UNESCO - Press Conference
1230 – 1400	Lunch

SESSION 1A : FLOOD MANAGEMENTVenue : The Bayview Ballroom (2nd floor)

(Time shown includes Paper Presentation, and Question & Answer)

1400 – 1415	ID 104: FLOOD MITIGATION CONSIDERING THE PERCEPTIONS OF STAKEHOLDERS: CASE STUDY AT SAMARINDA CITY, EAST KALIMANTAN, INDONESIA ArienHeryansyah, Ayob Katimon, Noor Alamsyah Syarifuddin (Universiti Teknologi Malaysia, Universiti Malaysia Perlis)
1415 – 1430	ID 108: FLUME SCALED INVESTIGATION ON FLOOD FLOW AND BED LOAD TRANSPORT IN RIVER SYSTEMS M. Jumain, Z. Ismail, Z. Ibrahim, S.Harun, N. A.Zaini, N. S.Miran, S. S.MdKhairi, M. R.Makhtar and M. S.AbdRahman (UniversitiTeknologi Malaysia)
1430 – 1445	ID 119: IMPACTS OF SERIAL CORRELATION ON TRENDS IN RAINFALL ANNUAL MAXIMUM SERIES DATA IN NSW, AUSTRALIA E Hajani, A Rahman, E Ishak, K Haddad (University of Western Sydney, Australia)
1445 – 1500	ID 121: FLOOD MITIGATION STUDY AT KG. BINJAI AND KG. KECHAU TUI, LIPIS, PAHANG Nadiatul Adilah Ahmad Abdul Ghani, Dr. Bambang Winarta, Ir. Azhani Zukri, Ir. Haismaree Omar (Universiti Malaysia Pahang, Gagasan Consultant Sdn. Bhd., Pahang)
1500 – 1515	ID 133: RAINFALL-RUNOFF SIMULATION FOR ARID REGION MODEL AT WADI AL-AQIQ, MADINAH, SAUDI ARABIA Norhan Abd Rahman, Fahad Alahamdi, Saud Taher, Kamarul Azlan Mohd Nasir and Zulkifli Yusop (Taibah University, Madinah, Kingdom of Saudi Arabia, Universiti Teknologi Malaysia, Institute of Environmental and Water Resource Management, UTM Skudai)
1515 – 1530	-
1530 – 1545	-
1545 – 1600	Refreshment

SESSION 1B : WATERSHED MANAGEMENTVenue : DIAMOND ROOM (2nd floor)

(Time shown includes Paper Presentation, and Question & Answer)

1400 – 1415	ID 103: THE STRUCTURE OF SIMULATED ANNEALING MODEL FOR OPTIMIZING THE PENGGA RESERVOIR OPERATION Widandi Soetopo, Pitojo Tri Juwono and Mohammad Bisri (University of Brawijaya, Indonesia)
1415 – 1430	ID 110: CLIMATE CHANGE PROJECTION IN HIGHLAND REGION: CASE STUDY IN CAMERON HIGHLANDS Tan Kok Weng and Loh Phui Nying (Universiti Tunku Abdul Rahman)
1430 – 1445	ID 112: COMPARISON OF RIVER STAGE AT SARAWAK KIRI RIVER BEFORE AND AFTER BENGHOH DAM CONSTRUCTION King Kuok KUOK, Po Chan CHIU, Fang Yenn TEO (Swinburne University of Technology Sarawak Campus, Universiti Malaysia Sarawak, National Water Services Commission (SPAN), Cyberjaya, Malaysia)
1445 – 1500	ID 113: ASSESSMENT OF THE QUALITY OF GAUGED-BASED GRIDDED PRECIPITATION DATA IN AN ARID REGION Shamsuddin Shahid, Kamal Ahmed and Sobri bin Harun (Universiti Teknologi Malaysia)
1500 – 1515	ID 117: DETERMINATION OF FLOW VELOCITY FOR GRASS SWALE IN UTHM Nurhazirah Mustaffa, Noor Aliza Ahmad, Mohd Adib Mohammad Razi (Universiti Tun Hussein Onn Malaysia)
1515 – 1530	ID 123: PREDICTING SOIL EROSION AND SEDIMENT YIELD AT THE BASIN SCALE: CASE STUDY OF KENYIR CATCHMENT Azwin Abdul Razad, Hanafi Yusop, Rahsidi Sabri Muda, Ahmad Fadhli Mamat, Nor Aishah Abbas, Mohd Noh Ahmad, Mustafa Hashim, Azizul Hasani, Jansen Luis Alexander, Shanker Kumar Sinnakaudan, Ghulam M. Hashim (TNB Research Sdn Bhd, Tenaga Nasional Berhad, Energy Ventures Division, Water Resources Engineering and Management Research Centre (WAREM), UiTM MARDI)
1530 – 1545	ID 132: ESTIMATION OF EVAPOTRANSPIRATION IN A SMALL FORESTED CATCHMENT USING METHODS OF WATER BALANCE AND CROPWAT SOFTWARE Siti Aisah, S. and Maryam Jamilah, M.A. (Forest Research Institute Malaysia)
1545 – 1600	Refreshment

SESSION 1C : ENVIRONMENTAL SCIENCE AND ENGINEERING	
Venue : EMERALD ROOM (2 nd floor)	
(Time shown includes Paper Presentation, and Question & Answer)	
1400 – 1415	ID 101: Cu (II) REMOVAL FROM AQUEOUS SOLUTION USING Fe ₃ O ₄ COATED SAND A. Eisazadeh, H. Eisazadeh, K. A. Kassim (Universiti Teknologi Malaysia)
1415 – 1430	ID 129: WATER QUALITY MONITORING FOR SELECTED FORESTED CATCHMENTS IN PIAH FOREST RESERVE, PERAK, MALAYSIA. Marryanna Lion, Saiful Iskandar Khalit, Siti Aisah Shamsuddin & Mohd Salim Aman (Forest Research Institute Malaysia, Forestry Department of Peninsular Malaysia)
1430 – 1445	ID 131: CONSERVATION OF LOTUS IN THE LAKE: A CASE ATUDY AT TASIK CHINI Mohd Ghazali, H., Marryanna, L., Saiful, I.K., & Ahmad Firdaus, Z., Nurul Shafinaz, M.K (Forest Research Institute Malaysia, Universiti Sultan Zainal Abidin)
1445 – 1500	ID 138: BIO-INSPIRED ADSORBENTS PREPARED FROM COASTAL PLANT, C. EQUISETIFOLIA SEEDS (RHUSORBENT) FOR ADSORPTION OF DYES Jazulhafiz Jefri Jaafar, Mohamad Awang, Anis Ayuni Aman Zuki, Mohammad Hussin Zain, Asmadi Ali @ Mahmud (Universiti Malaysia Terengganu)
1500 – 1515	ID 153: WATER QUALITY OF THE BARAM RIVER, SARAWAK DURING RAINY SEASON J.J. Liew, T.Y. Ling, S.F. Sim, L. Nyanti, J. Grinang, K.S.P. Lee and S. Chen (Universiti Malaysia Sarawak, Sarawak Energy Berhad, Menara)
1515 – 1530	ID 155: WATER QUALITY OF RAJANG RIVER AT PELAGUS AREA DURING RAINY SEASON A.S. Tawan, T.Y. Ling, L. Nyanti, J. Grinang, S.F. Sim, K.S.P. Lee and S. Chen (Universiti Malaysia Sarawak, Sarawak Energy Berhad)
1530 – 1545	-
1545 – 1600	Refreshment

SESSION 1D : COASTAL ENGINEERING AND MANAGEMENT	
Venue : RUBY ROOM (2 nd floor)	
(Time shown includes Paper Presentation, and Question & Answer)	
1400 – 1415	ID 111: WAVE SETUP IN TWO – DIMENSIONAL ESTUARIES Z.Z. Mohd Zaki, W.L. Peirson and R.J. Cox (University of New South Wales Australia, Universiti Teknologi MARA)
1415 – 1430	ID 114: DETERMINING CORAL DIVERSITY AROUND ENGINEERED ARTIFICIAL REEFS IN TELUK KALONG BESAR, PULAU REDANG USING CPCE F. Jaffar Sidek, A.K Abd Wahab, N.H Mohd Noh and D.S.M Ishak (Center for Coastal & Ocean Engineering, Research Institute for Sustainable Environment, Universiti Teknologi Malaysia)
1430 – 1445	ID 116: APPLICATION OF REGION GROWING SEGMENTATION METHOD FOR MANGROVE ZONATION AT PULAU KUKUP, JOHOR Abd Wahab A.K., Said M.S.M, Ishak D.S.M , Jamal M.H , Hasan R.C (Universiti Teknologi Malaysia)
1445 – 1500	ID 142: THE IMPACT OF DREDGING AND RECLAMATION WORKS ON PORT CAPACITY USING DISCRETE PROGRAMMING Adi Maimun, Atef Salem, Rahimuddin, Syafwan (Universiti Teknologi Malaysia)
1500 – 1515	ID 148: ANALYTICAL AND STATISTICAL APPROACHES TO STUDY THE IMPACTS OF SHORELINE CHANGE TOWARDS MANGROVES AT KUKUP ISLAND NATIONAL PARK, JOHOR Chik Maslinda Omar, Daeng Siti Maimunah Ishak, Mohd Zulkifli Mohd Yunus and Ahmad Khairi Abd Wahab (Universiti Teknologi Malaysia, Centre for Coastal and Ocean Engineering, Universiti Teknologi Malaysia)
1515 – 1530	-
1530 – 1545	-
1545 – 1600	Refreshment

SESSION 2A : FLOOD MANAGEMENTVenue : THE BAYVIEW BALLROOM (2nd floor)

(Time shown includes Paper Presentation, and Question & Answer)

1600 – 1615	ID 134: CHANGES OF RAINFALL TRENDS IN PENINSULAR MALAYSIA N. S. Muhammad, A. I. Akashah and J. Abdullah (Universiti Kebangsaan Malaysia, Carta Indah Sdn. Bhd., Kedah, Universiti Teknologi MARA)
1615 – 1630	ID 149: APPLICATION OF ADAPTIVE NETWORK-BASED FUZZY INFERENCE SYSTEM IN EVENT-BASED RAINFALL-RUNOFF MODELING IN A TROPICAL CATCHMENT N. Nawaz, S. Harun, A. Talei and T. K. Chang (Universiti Teknologi Malaysia, Monash University Malaysia)
1630 – 1645	ID 161: FLOOD DAMAGE ASSESSMENT: THE DEVELOPMENT OF FLOOD STAGE-DAMAGE FUNCTION CURVE FOR SEGAMAT TOWN N.S. Romali, Z. Yusop and Z. Ismail and M. Sulaiman (Universiti Malaysia Pahang, Universiti Teknologi Malaysia)
1645 – 1700	ID 151: LOW FLOW ANALYSIS OF CHINDWIN RIVER IN MYANMAR Ni Lar Win (University of Nottingham Malaysia Campus)
1700 – 1715	ID 150: FLOOD FREQUENCY ANALYSIS OF KELANTAN RIVER IN MALAYSIA Ni Lar Win (University of Nottingham Malaysia Campus)
1715 – 1730	ID 204: EXTREME RAINFALL ANALYSIS OF THE KELANTAN DECEMBER 2014 FLOOD Nor Eliza Alias, Hazim Mohamad and Zulkifli Yusop (Universiti Teknologi Malaysia)
1730 – 1745	-
1930 – 2200	Dinner (Smart Casual)

SESSION 2B : WATERSHED MANAGEMENTVenue : DIAMOND ROOM (3rd floor)

(Time shown includes Paper Presentation, and Question & Answer)

1600 – 1615	ID 135: A BRIEF REVIEW ON ADVANCEMENT OF SWAT HYDROLOGIC SIMULATOR: AN OUTLINE FOR FUTURE STUDIES Milad Jajarmizadeh, Sobri Bin Harun, Shamsuddin Shahid, Sahar Hadipour (UniversitiTeknologi Malaysia)
1615 – 1630	ID 139: PREDICTION IN UNGAUGED RIVER BASIN IN THE WEST COAST OF PENINSULAR MALAYSIA USING LINEAR REGRESSION MODEL Tarmizi Ismail, Sobri bin Harun, Shamsuddin Shahid, Zaitul Marlizawati Zainudin, and Usman Ullah Sheikh (UniversitiTeknologi Malaysia)
1630 – 1645	ID 141: EFFECT OF DEPOSITION THICKNESS ON CRITICAL SHEAR STRESS FOR INCIPIENT MOTION OF SEDIMENTS C.H.J. Bong, F.J. Putuhena, T.L. Lau andA. Ab. Ghani (Universiti Malaysia Sarawak, Universiti Sains Malaysia)
1645 – 1700	ID 144: HYDRAULICS AND FLOOD FLOW STRUCTURES OF RIPARIAN-VEGETATED MEANDERING CHANNELS Z. Ibrahim, Z. Ismail, S. Harun, K. Shiono, N. M. Zuki, M. R. Makhtar, M. S. A. Rahman and M. H. Jamal (UniversitiTeknologi Malaysia, Loughborough University)
1700 – 1715	ID 185: SEDIMENT DEPOSITON PATTERNS OF A FAILURE EMBANKMENT Z., Mohamed Yusof, M. I. H., Armaz, A. K., Abdul Wahab, Z., Ismail, I. K., Othman and S., Amerudin (Universiti Teknologi Malaysia)
1715 – 1730	ID 194: SIMULATION OF RESIDENCE TIME IN THE WESTERN PART OF JOHOR STRAIT, MALAYSIA Noor Baharim Hashim, Ziba Kazemi, James L. Martin, Hossein Aslani and Al-Amin Dan Iadi Bello (Universiti Teknologi Malaysia)
1730 – 1745	ID 209: Pollutant Loading In Highly Urbanised Catchment N.M. Dom, I.Abustan (The Regional Humid Tropics Hydrology and Water Resources Centre for South-East Asia and the Pacific (HTC Kuala Lumpur), Department of Irrigation and Drainage, Universiti Sains Malaysia)
1930 – 2200	Dinner (Smart Casual)

SESSION 2C : ENVIRONMENTAL SCIENCE AND ENGINEERINGVenue : EMERALD ROOM (2nd floor)

(Time shown includes Paper Presentation, and Question & Answer)

1600 – 1615	ID 157: WATER QUALITY OF THE BALEH RIVER, SARAWAK DURING RAINY SEASON T.L.E. Heng, T.Y. Ling, S.F. Sim, L. Nyant, J. Grinang, K.S.P. Lee and S. Chen (Universiti Malaysia Sarawak, Sarawak Energy Berhad)
1615 – 1630	ID 160: WATER QUALITY OF PARTIALLY FILLED MURUM HYDROELECTRIC RESERVOIR, SARAWAK C.P. Kho, T.Y. Ling, L. Nyanti, S.F. Sim, J. Grinang and Y.M. Toh, K.S.P. Lee and S. Chen (Universiti Malaysia Sarawak, Sarawak Energy Berhad)
1630 – 1645	ID 169: A COMPARATIVE STUDY OF POROUS SUPPORT FROM SAYONG AND KANKARA CLAY Maisarah Mohamed Bazin, Muazu Abu Bakar, Norhayati Ahmad (Universiti Teknologi Malaysia)
1645 – 1700	ID 170: WATER QUALITY CHARACTERISTICS IN DIFFERENT MANGROVE DISTURBANCE LEVELS, MATANG MANGROVE FOREST RESERVE, PENINSULAR MALAYSIA Nik Harun Al-Rashid Nik Zaidin, Siti Nurhidayu, Mohammad Faizalhakim Ahmad Shafuan, Seca Gandaseca, Mohamad Roslan Mohamad Kasim and Ismail Adnan Abdul Malek (Universiti Putra Malaysia)
1700 – 1715	ID 173: URBAN STORMWATER TREATMENT IN TROPICAL CATCHMENTS USING BIOFILTRATION SYSTEMS Andreas Aditya Hermawan, Amin Talei, Ana Deletic, Babak Salamatinia (Monash University Malaysia)
1715 – 1730	ID 203: EFFECT OF CADMIUM TO <i>STROMBUS CANARIUM</i> (GASTROPOD: STROMBIDAE) Shaikhah Sabri, Mohd Ismid Mohd Said, Shamila Azman, Masafumi Goto (Universiti Teknologi Malaysia, Malaysia-Japan International Institute of Technology)
1730 – 1745	ID 207: THE ROLE OF AERATION ZONE IN AN INTEGRATED PHYTOGREEN SYSTEM FOR BOD, COD AND SS REMOVAL FROM WASTEWATER IN CONVENTIONAL OXIDATION POND. A.R. Abdul Syukor, A.W. Zularisam, Z. Ideris, M.S. Mohd Ismid, A.R. Azham, S. Sulaiman, A. Razali (Universiti Malaysia Pahang)
1930 – 2200	Dinner (Smart Casual)

**SESSION 2D : COASTAL ENGINEERING AND MANAGEMENT
MATHEMATICS AND COMPUTING APPLICATIONS
WATER SUPPLY AND WATER ECONOMICS**

Venue :RUBY ROOM (2nd floor)

(Time shown includes Paper Presentation, and Question & Answer)

1600 – 1615	ID 163: AN EVALUATION OF THE DEPTH OF SIMILARITY BETWEEN LINEAR AND NON-LINEAR WAVE THEORIES S., Saeedfar and A. K., Abd Wahab (Universiti Teknologi Malaysia)
1615 – 1630	ID 205: FIELD INVESTIGATION OF SEASONAL VARIATIONS IMPACT ON FLOW DEPTHS AND VELOCITIES IN THE SWASH ZONE Norasman Othman, Ahmad Khairi Abd. Wahab, Mohamad Hidayat Jamal and Shairul Rohaziawati Samat (Universiti Malaysia Pahang, Universiti Teknologi Malaysia)
1630 – 1645	ID 107: MATHEMATICAL MODELLING FOR DEPOSITION FROM SUBMARINE TURBULENT JETS Abdellah GHENAIM, Abdelali TERFOUS, Samia CHIBAN et al. (The National Institute of Applied Sciences (INSA), University of Sciences and Technology of Oran)
1645 – 1700	ID 175: EVALUATION OF INFLOW VARIABILITY ON RESERVOIR OPERATION USING A MONTHLY DYNAMIC CONTINUOUS GAME MODEL Sai Hin Lai, Mehran Homayounfar, Mehdi Zommodian and Fang Yenn Teo (Universiti of Malaya, National Hydraulic Research Institute of Malaysia (NAHRIM))
1700 – 1715	ID 152: ECONOMETRIC MODELING THE IMPACT OF FORESTS ON WATER QUALITY IN WATERSHED Norliyana Adnan and Ismariah Ahmad (Forest Research Institute Malaysia (FRIM))
1715 – 1730	ID 122: STUDY OF THE ABILITY OF CONCAVE SHAPE WALLS AS A COASTAL PROTECTION AND EXPANSION SYSTEM IN 2D WAVE FLUME LABORATORY A.H.M. Rashidi, M.H. Jamal, M.R.A. Hamid, S.S.M. Sendek (Coastal and Oceanography Research Centre, National Hydraulic Research Institute of Malaysia, NAHRIM, Universiti Teknologi Malaysia)
1730 – 1745	-
1930 – 2200	Dinner (Smart Casual)

TENTATIVE PROGRAMME
DAY 2
25th November 2015 (Wednesday)
Venue : THE BAYVIEW BALLROOM (2 nd floor)

0900 – 0940	KEYNOTE SESSION 3 Chairperson : Dr. Mohamed Roseli Zainal Abidin Keynote Speaker 3 : Professor Zulkifli Yusop Title of Paper : Land-Use and Flood: Relooking at The Options
0940 – 0950	Question & Answer
0950 – 1030	KEYNOTE SESSION 4 Chairperson : Dr. Shamsuddin Shahid Keynote Speaker 4 : Professor Sobri Harun Title of Paper : Sustainable Solution To Global Change: Issue On Water Supply Reservoir Management
1030 – 1040	Question & Answer
1100 - 1530	Parallel Sessions
1530 - 1600	Closing Ceremony
1600 - 1630	Refreshment

SESSION 3A : FLOOD MANAGEMENT	
Venue : THE BAYVIEW BALLROOM (2 nd floor)	
(Time shown includes Paper Presentation, and Question & Answer)	
1100 – 1115	ID 164: RISK OF LEVEE DESTRUCTION BY THE CHANGE IN RIVER WATER LEVEL DURING FLOOD Chao-Wen WANG, Kazuhiro YOSHIMI, Chikatsugu KARASHIMA and Tadashi YAMADA (Chuo University, NEWJEC Inc., Japan)
1115 – 1130	ID 165: USABILITY ON DIFFERENT TYPES OF RAINFALL DATA FOR FLOOD FORECASTING AND CHARACTERISTICS OF THE 2014 FLOOD IN THE KELANTAN RIVER BASIN, MALAYSIA Mamoru Miyamoto, Yoichi Iwami and Lariyah Mohd Sidek (International Centre for Water Hazard and Risk Management (ICHARM), Public Works Research Institute, Japan, Universiti Tenaga Nasional (UNITEN), Malaysia)
1130 – 1145	ID 168: FACTORS CONTRIBUTING TO JAKARTA FLOODING AND THOSE EVALUATIONS BY A FLOOD INUNDATION MODEL Shuichi Kure, Idham Riyando Moe, Mohammad Farid and SoKazama (International Research Institute of Disaster Science, Tohoku University, Japan, Bandung Institute of Technology, Indonesia)
1145 – 1200	ID 177: RUNOFF ESTIMATION USING SCS CN METHOD FOR KELANTAN RIVER BASIN Faizalhakim M,Nurhidayu S, Shamsuddin I, Hakeem KR, Ismail A and Norizah K (Faculty of Forestry, Universiti Putra Malaysia, 43400 UPM Serdang, Selangor)
1200 – 1215	ID 178: INHOMOGENEITY DETECTION IN THE PRECIPITATION SERIES OF BALOCHISTAN PROVINCE OF PAKISTAN Kamal Ahmed, Shamsuddin Shahid and Sobri Bin Harun (Universiti Teknologi Malaysia)
1215 – 1230	ID 183: FLOOD CONTROL SYSTEMS: TRADITIONAL AND MODERN ARTIFICIAL RECHARGE DAMS IN IRAN Hossein Ghafari, Ali Asghar Semsar Yazdi, Majid Labbaf Khaneiki (International Center on Qanats and Historic Hydraulic Structures (UNESCO-ICQHS))
1230 – 1245	ID 190: TREND ANALYSIS OF PRECIPITATION DATA IN FLOOD SOURCE AREAS OF KELANTAN RIVER BASIN, MALAYSIA J.H. Abdulkareem and W.N.A. Sulaiman (Universiti Putra Malaysia)
1245 – 1300	-
1300 – 1400	Lunch

SESSION 3B : WATERSHED MANAGEMENTVenue : DIAMOND ROOM (2nd floor)

(Time shown includes Paper Presentation, and Question & Answer)

1100 – 1115	ID 147: RIVER RESERVES: UNDERSTANDING ITS SIGNIFICANCE AS A PREVENTION MEASURE OF RIVER POLLUTION Siti Rahmah Omar, Johan Sohaili (UniversitiTeknologi Malaysia)
1115 – 1130	ID 154: THE EFFECT OF COHESION ON THE INCIPIENT MOTION OF FINE SAND-SILT MIXTURE Mojtaba Porhemmat, Chuah Run En, Wan Hanna Melini Wan Mohtar (Universiti Kebangsaan Malaysia)
1130 – 1145	ID 162: THE IMPACT OF CLIMATE CHANGE ON THE HYDROLOGY IN UPPER KURAU RIVER BASIN, PERAK MALAYSIA Nuramidah Hamidon, Sobri Harun, M.A Malek , Tarmizi Ismail, Noraliani Alias , Muhammad Nassir Hanapi, Abu Bakar Fadhil, Amat Sairin Demun , Kamarul Azlan Mohd Nassir (Universiti Teknologi Malaysia)
1145 – 1200	ID 166: A NEW OPTIMAL OPERATION METHOD FOR LARGE SCALE RESERVOIRS IN THE CHAO PHRAYA RIVER BASIN, THAILAND TaichiTebakari, KentaroDotani,ShuichiKure and Suvanpimol Pongthakorn (Toyama Prefectural University, Japan, Tohoku University, Japan, Royal Irrigation Department, Kingdom of Thailand)
1200 – 1215	ID 167: AN ASSESSMENT OF NUTRIENTS DISTRIBUTION IN SURFACE WATER OF SETIU RIVER BASIN, TERENGGANU (SOUTHERN SOUTH CHINA SEA) S. Suratman, Y.Y. Hee and N. Mohd Tahir (Universiti Malaysia Terengganu)
1215 – 1230	ID 171: DESIGN CONSIDERATION OF DRAG TILT VELOCIMETER FOR RIVER FLOW STUDIES Zool Hilmi Ismail ¹ and Ibnu Akil Maitar Muharram ² (UniversitiTeknologi Malaysia)
1230 – 1245	ID 184: SIMULATION OF PEAK DISCHARGES FOR DIFFERENT LAND USE Jazuri Abdullah, Anas Arbayee, Nur Shazwani Muhammad (Universiti Teknologi MARA, HMK Sdn. Bhd, Universiti Kebangsaan Malaysia)
1245 – 1300	ID 118: SEDIMENT TRANSPORT AND ACCUMULATION IN UPPER SKUDAI RIVER CATCHMENTS Khairul Anuar Mohamad, Noor Baharim Hashim (National Hydraulic Research Institute of Malaysia, UniversitiTeknologi Malaysia)
1300 – 1400	Lunch

SESSION 3C : ENVIRONMENTAL SCIENCE AND ENGINEERINGVenue : EMERALD ROOM (2nd floor)

(Time shown includes Paper Presentation, and Question & Answer)

1100 – 1115	ID 179: SEASONAL EFFECTS AND DISTRIBUTION PATTERN OF HEAVY METALS IN MALACCA RIVER BASIN M. A. Salam, L. B. Young , W. R. A. Kadir, M. Jani, E. R. Aweng (University Malaysia Kelantan, Forest Research Institute Malaysia)
1115 – 1130	ID 187: Water Quality Index for the Skudai River and its Tributaries for Identifying the Problematic Areas for Better Watershed Management I.B. Naubi, N.H. Zardari, S.M. Shirazi, M.T. Shazwin (Universiti Teknologi Malaysia)
1130 – 1145	ID 188: RICE CULTIVATION SYSTEM WITH LESS WATER CONSUMPTION FOR SUSTAINABLE FUTURE Pardis Fazli, Hasfalina Che Man, Mohamed Azwan, Umi Kalsom Md Shah, Nur Aini Abdul Rahman, Azni Idris and Mohd Rashid Mohd Yusof (Universiti Putra Malaysia, Malaysia-Japan International Institute of Technology (MJIT), Universiti Teknologi Malaysia)
1145 – 1200	ID 189: USE OF ISOTOPE HYDROLOGY TECHNIQUES TO ASSESS THE SUSTAINABILITY OF INTENSIVELY EXPLOITED GROUNDWATER RESOURCES IN LOWER KELANTAN RIVER BASIN Wan Zakaria Wan Muhamad Tahir, Nur Hayati Hussin, Ismail Yusof, Kamaruzaman Mamat, Ismail Sulaiman, Rohaimah Demanah, Nur Ruzana Nurzahan (E-TAG, Waste and Environmental Technology Division (BAS), Nuklear Malaysia, University of Malaya)
1200 – 1215	ID 196: PHYSICAL MODELLING OF FLOATING DEBRIS BOOM S. K. Ngien, J. E. Tan, A. Akbari and S. W. Ahmad (Universiti Malaysia Pahang)
1215 – 1230	ID 200: REMOVAL OF IRON AND MANGANESE FROM GROUNDWATER USING HIGH QUALITY OF LIMESTONE: ADSORPTION ISOTHERM AND KINETIC STUDIES Nor Azliza Akbar, Hamidi Abdul Aziz, and Mohd Nordin Adlan (University Sains Malaysia, 14300 Nibong Tebal, Penang, Malaysia)
1230 – 1245	ID 201: POTENTIAL OF <i>PSIDIUM GUAVA</i> SP. SHOOT EXTRACT AS COAGULANT FOR WATER TREATMENT Aweng, E.R., Jessuta, J., Prawit, K. and Liyana, A.A. (Universiti Malaysia, Prince of Songkla University, Thailand)
1245 – 1300	-
1300 – 1400	Lunch

SESSION 4A : FLOOD MANAGEMENTVenue : THE BAYVIEW BALLROOM (2nd floor)

(Time shown includes Paper Presentation, and Question & Answer)

1400 – 1415	ID 191: DOWNSCALING MONTHLY PRECIPITATION USING LINEAR AND NON-LINEAR REGRESSION MODELS Sahar Hadipour , Sobri bin Harun, ShamsuddinShahid and Milad Jajarmizadeh (Universiti Teknologi Malaysia)
1415 – 1430	ID 192: FLOODING LOSSES AND SOCIO-ECONOMIC DAMAGE IN KELANTAN Jaharudin Padli, Zuraini Anang, Roseliza Mat Alipiah, Mahirah Kamaludin, Azlina Abd. Aziz and Siti Aisyah Saat (University Malaysia Terengganu)
1430 – 1445	ID 193: SEDIMENT TRANSPORT IN RIVER DUE TO A MAJOR FLOOD EVENT: CASE STUDY OF SUNGAI PAHANG DECEMBER 2014 FLOOD C.K. Chang, A. Ab Ghani and N.A. Zakaria (Universiti Sains Malaysia)
1445 – 1500	ID 195: TRENDS OF EXTREME RAINFALL EVENTS: A CASE STUDY IN SUNGAI PAHANG RIVER BASIN M.A.Othman, N.A. Zakaria, A. Ab Ghani and C.K. Chang (Universiti Sains Malaysia)
1500 – 1515	ID 197: RAINFALL-RUNOFF MODELING AT UPPER BATHAN CATCHMENT, MADINAH, WESTERN SAUDI ARABIA Fahad Alahmadi, Norhan Abd Rahman (UniversitiTeknologi Malaysia,Taibah University, Madinah, Kingdom of Saudi Arabia)
1515 – 1530	
1530 – 1600	Closing Ceremony
1600 – 1630	Refreshment

SESSION 4B : WATERSHED MANAGEMENTVenue : DIAMOND ROOM (2nd floor)

(Time shown includes Paper Presentation, and Question & Answer)

1400 – 1415	ID 206: STORMWATER MANAGEMENT ECO-HYDROLOGY AT LANGAT RIVER BASIN, SELANGOR Zainab Hashim and Mohamed Roseli Zainal Abidin (HTC Kuala Lumpur)
1415 – 1430	ID 198: VALUING AND MAPPING WATER RESOURCE ABUNDANCE/SCARCITY IN RELATION TO FOREST WATER CATCHMENT AND POPULATION PRESSURE Abd. Hamid Bin Mar Iman (University Malaysia Kelantan)
1430 – 1445	ID 199: DYNAMICS OF DENSITY CURRENTS R. Nasrollahpour, M. H. Jamal, Z. Ismail, M. A. H. Zakaria, A. Q. Che Rahim, N. Mohamed Rusli (Universiti Teknologi Malaysia)
1445 – 1500	ID 202: DEVELOPMENT OF A COMPREHENSIVE MODEL FOR EROSION AND SEDIMENT CONTROL TOWARDS GOOD WATER GOVERNANCE: UKM CAMPUS AS WATERSHED MODEL Rahmah Elfithri, Normaizura Maizan, Mazlin bin Mokhtar et al. (Universiti Kebangsaan Malaysia)
1500 – 1515	ID 208: A STUDY ON THE CHARACTERISTICS OF WET MARKET EFFLUENT AND DEVELOPMENT OF REGULATORY FRAMEWORK S. N. Abdullah, M.F. Md Din, S. Taib and S. Chelliapan. (Universiti Teknologi Malaysia)
1515 – 1530	ID 210: INVESTIGATION ON PARAMETERS INFLUENCE FIRST FLUSH OCCURRENCE IN URBAN RESIDENTIAL CATCHMENT Alias, N, Goonetilleke, A, Egodawatta, P (Universiti Teknologi Malaysia and Queensland University of Technology, Australia)
1530 – 1600	Closing Ceremony
1600 – 1630	Refreshment

**SESSION 4C : WATER SUPPLY AND WATER ECONOMICS
OTHER RELATED DISCIPLINES**

Venue : EMERALD ROOM (2nd floor)

(Time shown includes Paper Presentation, and Question & Answer)

1400 – 1415	ID 125: THE DESIGN OF THE LAKE REGION WATER BOARD KOTO PANJANG TO IMPROVE ENVIRONMENTAL QUALITY AND ECONOMIC COMMUNITY Arief, Muhammad Al Husaini, Imam, M Faqihuddin, Feri, Irfan nurrahman and Soemardiono, Bambang (Sepuluh Nopember Institute of Technology, Indonesia)
1415 – 1430	ID 140: WILLINGNESS TO PAY FOR JOHOR RECREATIONAL FOREST Juliana Ahmad, Ismariah Ahmad, Nurcahaya Khairany Mohamad Azmi and Noor Hazmira Merous (Forest Research Institute Malaysia (FRIM))
1430 – 1445	ID 180: USING ALTERNATIVE ENERGY IN DRINKING WATER TREATMENT PLANT IN IRAQ Ali Hadi Ghawi (Al-Qadissiyia Univ., Collage of Engineering, Department of Civil Engineering, Iraq)
1445 – 1500	ID 181: ASSESSMENT AND TREATMENT OF GROUNDWATER IN SELANGOR AREA: UNCONFINED AND CONFINED AQUIFER N. N. Nik Daud and N. H. Izehar (Universiti Putra Malaysia)
1500 – 1515	ID 137: WATER REQUIREMENT OF <i>HARUMANIS</i> MANGO IN GREENHOUSE CONDITION Samera Samsuddin Sah, Hirun Azaman Ismail, Ayob Katimon (Universiti Malaysia Perlis)
1515 – 1530	
1530 – 1600	Closing Ceremony
1600 – 1630	Refreshment