

**MONDAY, OCTOBER 24**

<i>09:30-11:00</i>		
<i>11:00-12:30</i>		
<i>12:30-13:30</i>	<i>Registration Opens</i>	
<i>13:30-13:50</i>	<i>WORKSHOP: Emerging Contaminants in the Diffuse Pollution World</i> Eakalak Khan, University of Nevada	
<i>13:50-14:15</i>	<i>WORKSHOP: Emerging Pollutants from Various Land Use Types</i> Lee-Hyung Kim, Kongju National University	
<i>14:15-15:00</i>	<i>WORKSHOP: Land Use and Water Quality - The Impacts of Diffuse Pollution</i> Puangrat Kajitvichyanukul, Chiang Mai University	
<i>15:00-15:15</i>	<i>Coffee Break</i>	
<i>15:15-16:45</i>	<i>WORKSHOP: Hydrological and Flood Analyzes with Netcad Nethydro</i> Umut Yegül, Civil Engineer M.Sc., Netcad Training & Technical Support Tuğber Küçük, International Business Development Specialist	<i>DPSG Board Meeting</i>

TUESDAY, OCTOBER 25					
09:00-09:30	Registration				
09:30-10:15	Opening Ceremony				
10:15-11:15	<p align="center"><b>POTENTIAL IMPACTS OF CLIMATE CHANGE ON SURFACE AND SUBSURFACE HYDROLOGY AND CONTAMINANT TRANSPORT</b> Miguel A. Medina, Jr. (Duke University, USA)</p>				
11:15-11:45	Group Photo and Coffee Break				
11:45-12:00	RESERVOIR AND SURFACE WATER MANAGEMENT (ROOM A)  CHAIR: OSAMA DAWOUD	MODELLED NITRATE CONCENTRATIONS IN THE LEACHATE OF GERMANY - COMPLIANCE CHECKING AND GAP ANALYSIS FOR REACHING WFD TARGETS FOR GROUNDWATER Ralf Kunkel, Tim Wolters and Frank Wendland	NEXUS APPROACH (ROOM B)  CHAIR: EAKALAK KHAN	THE IMPACT OF RENEWABLE ENERGY ON ECONOMIC GROWTH IN CEE COUNTRIES Doriana Matraku and Kamela Selenica	
12:00-12:15		INVESTIGATING DIFFUSE POLLUTION DYNAMICS IN AN URBAN CATCHMENT AREA USING FIRST FLUSH ANALYSIS Gil Cruz, Marla Maniquiz-Redillas, Miguel Enrico Robles and Rommel Glenn Mendova		FORECASTING THE WATER CONSUMPTION OF HYDROELECTRICITY POWER PLANTS IN THE CONTEXT OF THE WATER-ENERGY NEXUS BASED ON AN ARTIFICIAL INTELLIGENCE APPROACH Çiğdem Dılan and Merih Aydınalp Köksal	
12:15-12:30		ANTALYA WATER AND WASTE WATER AUTHORITY ACTION PLAN FOR WATER SCARCITY CAUSED BY CLIMATE CHANGE Cem Çakmak		EVALUATION OF THE WATER-ENERGY-FOOD NEXUS IN THE CONTEXT OF PRECISION AGRICULTURE Emre Alp and Ezgi Özdemir	
12:30-12:45		HYDROCARBON WATER CONTAMINATION IN SOUTHERN TUNISIA: SUSTAINABILITY AND REHABILITATION CHALLENGES Houda Besser and Khansa Bir		PROLONGED DROUGHTS EFFECTS ON STREAM NITROGEN DYNAMICS IN CENTRAL GERMANY Seifeddine Jomaa, Xiangqian Zhou, Xiaoqiang Yang and Michael Rode	
12:45-13:45	Lunch				
13:45-14:00	GROUNDWATER HYDROLOGY AND QUALITY (ROOM A)  CHAIR: ALPER ELÇİ	A LABORATORY SCALE EXAMINATION OF SALINITY INTRUSION USING UNDERGROUND DAM Akif Epcin, Ayşe Nur Karayel, Babak Vaheddoost and Egemen Aras	CLIMATE CHANGE ADAPTATION AND MITIGATION (ROOM B)  CHAIR: RALF KUNKEL	MODIFYING THE RUSLE FACTORS TO DEVELOP SITE-SPECIFIC LAND MANAGEMENT PRACTICES AGAINST RAINFALL-INDUCED EROSION Denzel Keith Urieta, Kirk Dominick Baunista, Adrian Vaughn Noriega, Michael Irvin So and Marla Maniquiz-Redillas	
14:00-14:15		ASSESSING THE SPATIOTEMPORAL VARIABILITY OF GROUNDWATER LEVEL AND QUALITY USING HYBRID VMD-DSE-K-MEANS TECHNIQUE Roghayeh Ghasempour, V.S. Ozgur Karca and Seyed Mahdi Saghebian		ANALYSIS OF COOLING AND HEATING EFFECTS DURING HEAT WAVES AND COLD WAVES USING BLUE-GREEN ROOF TECHNOLOGY Munsoo Na, Sungmin Cha, Seungwon Lee, Jungmin Lee and Sangrae Kim	
14:15-14:30		INVESTIGATION OF LAKE-AQUIFER INTERACTIONS WITH EXPERIMENTAL METHODS İnci Yalçın and Cevza Melek Kazeyilmaz-Alhan		RESILIENCE IN WATER SUPPLY SYSTEMS: TOWARDS A WATER-WISE CITY Tuğba Akdeniz and İbrahim Ethem Karadirek	
14:30-14:45		ON NUMERICAL MODELING OF GROUNDWATER FLOW IN STREAM-WETLAND-AQUIFER SYSTEMS Uğur Boyraz and Cevza Melek Kazeyilmaz-Alhan		CLIMATE CHANGE INDUCED WATER SCARCITY RISK ASSESSMENT: COUPLING OF MCDA-AHP METHODS WITH QGIS Sena Odensoy and Başak Güven	
14:45-15:00		ENGAGEMENT OF WASH ENTREPRENEUR TO ADDRESS GROUNDWATER CONTAMINATION Shah Riazur Rahman		MITIGATION OF DIFFUSION POLLUTION THROUGH CIRCULAR ECONOMY Emre Alp and Ece Demir	
15:00-15:30	Coffee Break				
15:30-15:45	SOIL CONTAMINATION (ROOM A)  CHAIR: NADIM COPTY	IMPACT OF THE SOIL STRATIFICATION AND SATURATION ON THE PERFORMANCE OF INFILTRATION BOREHOLES Ziyad Abunada, Wafa Aljila and Osama Dawoud	NATURE-BASED SOLUTIONS AND IMPLEMENTATIONS (ROOM B)  CHAIR: LEE-HYUNG KIM	HYDRAULIC BEHAVIOR AND PERFORMANCE OF SOIL WITH VARYING INFILTRATION RATES FOR GREEN STORMWATER INFRASTRUCTURES Heidi Guerra, Nash Jett Reyes, Franz Kevin Geronimo, Minsu Jeon and Lee-Hyung Kim	
15:45-16:00		GEOCHEMICAL BACKGROUND IN PARNAIBA RIVER BASIN: THE NEW BRAZILIAN AGRICULTURAL FRONTIER Jefferson Nunes dos Santos, Silvio César Sampaio, Marcelo Bevilacqua Remor, Kathleen Jennifer Model, Eriuelto Mercante, Ralpo Rinaldo dos Reis, Marcio Antonio Vilas Boas, Cleuciane Tiltitz Do Nascimento and Natalia Pereira		COMPARISON OF URBAN STORMWATER FLOW REDUCTION USING LID UNDER A CENTRALIZED AND DECENTRALIZED SCHEME Marla Maniquiz-Redillas and Sergi Garbanzos	
16:00-16:15		OCCURRENCE OF HAZARDOUS SUBSTANCES IN SOILS AND RIVER SUSPENDED SEDIMENT IN 7 RIVER CATCHMENTS WITHIN THE DANUBE RIVER BASIN Zsolt Jolankai, Adrienne Clement, Mate Kardos, Steffen Kittlaus, Nikolaus Weber, Ottavia Zoboli, Oliver Gabriel, Mareianne Bertine Broer, Florentina Soare, Camen Hamchevici, Radoslav Tonev, Dimitar Mihalkov, Radmila Milacic, Katarina Markovic, Lucija Levstek, Orsolya Szomolanyi and Matthias Zessner		DETERMINING THE OPTIMAL LID COMBINATION THROUGH HYDROLOGICAL PERFORMANCE MODELING AND COST-EFFECTIVENESS ANALYSIS Sergi Garbanzos and Marla Maniquiz-Redillas	
16:15-16:30		EFFECT OF SOIL MICROPLASTICS ON SEED GERMINATION OF HELIANTHUS ANNUUS L. AND SORGHUM BICOLOR L. Mehmet Meric Tunali, Merve Tunali, Basak Guven and Orhan Yerişgin		DEVELOPMENT OF REMEDIATION DESIGN FOR THE IN-SITU TREATMENT OF HIGHWAY RUNOFF: SELF-CLEANSING DITCHES Ayush Pokharel	
16:30-16:45		ESTIMATING THE CONTRIBUTION OF ROAD SWEEPING IN THE NON-POINT POLLUTANT LOAD REDUCTION IN HIGHWAYS AND EXPRESSWAYS Nash Jett Reyes, Heeman Kang, Minsu Jeon and Lee-Hyung Kim		EVALUATION OF THE UNIT POLLUTANT LOADS AND URBAN HEAT ISLAND MITIGATION FUNCTION OF LOW IMPACT DEVELOPMENT (LID) TECHNOLOGIES Md Tashdeddhal Haque, Heidi Guerra, Minsu Jeon, Nash Jett Reyes and Lee-Hyung Kim	
16:45-17:00				MODELING OF THE RAINFALL-WATERSHED-SWALE EXPERIMENTAL SYSTEM BY EPA SWMM Kebir Emre Saraçoğlu and Cevza Melek Kazeyilmaz-Alhan	
18:30-21:30	Welcome Cocktail				

**WEDNESDAY, OCTOBER 26**

09:00-09:30	<b>Registration</b>				
09:30-09:45	FLASH ORAL PRESENTATIONS (ROOM A) <b>CHAIR: DERYA DENİZ</b>	FLASH ORAL PRESENTATIONS WILL START AT 10:00 A.M. EACH PRESENTER WILL HAVE 5 MINUTES TO PRESENT THEIR STUDY.	INTEGRATED WATERSHED MANAGEMENT (ROOM B) <b>CHAIR: OTTAVIA ZOBOLI</b>	COUPLED MODELLING APPLICATION FOR CLIMATE CHANGE IMPACT ASSESSMENT IN THE NEMUNAS RIVER WATERSHED – CURONIAN LAGOON – BALTIC SEA CONTINUUM <i>Natalja Čerkazova, Georg Umgiesser, Ali Ertürk, Rasa Idzalytė and Jovita Mešinė</i>	
09:45-10:00				COMPLIANCE CHECKING FOR MODELLED N AND P LOADS IN SURFACE WATERS AND GAP ANALYSIS FOR REACHING MSFD AND WFD TARGETS <i>Markus Venohr, Hong Hahn Nguyen, Ralf Kunkel and Björn Tetzlaff</i>	
10:00-10:15				ESTIMATING DIFFUSE NUTRIENT LOADS OF MELEN WATERSHED BY USING SOIL AND WATER ASSESMENT TOOL (SWAT) <i>Gokhan Cucceloglu, Alpaslan Ekdal, Melike Gurel and Nusret Karakaya</i>	
10:15-10:30				INVESTIGATING APPLICABILITY OF GRASSED WATERWAY PRACTICE WITH GEOGRAPHIC INFORMATION SYSTEM <i>Mehmet Kalfazade and Alpaslan Ekdal</i>	
10:30-10:45				DECISION SUPPORT SYSTEM FOR SELECTIVE WITHDRAWAL IN WATER SUPPLY RESERVOIRS: AN APPROACH BASED ON THERMAL STRATIFICATION <i>Elif Soyer, Hahik Bayram, Nalan Cangeniş and Onur Eren</i>	
10:45-11:00				INTEGRATING PROTECTED AREA MANAGEMENT WITH RIVER BASIN MANAGEMENT PLANS AS A MEASURE TO ADDRESS DIFFUSE POLLUTION <i>Lisa Cronin, Prof. Fiona Regan and Prof. Frances Lucy</i>	
11:00-11:30	<b>Coffee Break</b>				
11:30-12:30	<b>OPTIMAL DESIGN CONCEPTS IN WATER RESOURCES MANAGEMENT</b> <i>Mustafa M. Aral (Georgia Institute of Technology, USA)</i>				
12:30-13:30	<b>Lunch</b>				
13:30-13:45	URBAN/INDUSTRIAL WATER (ROOM A) <b>CHAIR: MARKUS VENOHR</b>	EVALUATION OF HEAVY METAL SORPTION CAPACITIES OF CELLULOSE BASED ADSORBENTS WITH IONIC FUNCTIONAL GROUPS – AQUEOUS COBALT (II) ION REMOVAL <i>Abdifatah A. Hashi, Buket Erdoğan, Yağmur Kuruç, Serdar Şam, Gül Gütenay Hacısmanoğlu, Abdelhadi F. M. Deghles, Othman A. Hamed and Zehra Senra Can</i>	EXTREME HYDROLOGIC EVENTS (ROOM B) <b>CHAIR: ŞEVKET ÇOKÇÖR</b>	FLOOD MANAGEMENT FOR ISTANBUL MEGA-CITY <i>Tunay Çarpar, Mohsen Mahmoodi Vanolya, Bülent Kocaman, Rouhollah Nasirzadehdizaji, Ali Osman Ilgaz, H. Kürşat Türkmen, Tuğba Ömzer Hancı and Şafak Başa</i>	
13:45-14:00				RAINWATER REUSE EVALUATION BY DESIGN CAPACITY OF RAINWATER UTILIZATION FACILITIES <i>Changyeong Won, Inkyeong Sim and Jeongyeong Lee</i>	REGIONAL FLOOD LOSS MODELLING OF THE TOWN OF BOZKURT IN KASTAMONU, TURKEY <i>Fidence Cyizere Rukundo, Derya Deniz and Yiğit Can Altan</i>
14:00-14:15				A GRAPH-BASED MONITORING FRAMEWORK OF SLUDGE BULKING IN INDUSTRIAL WASTEWATER TREATMENT PLANTS VIA DYNAMIC GRAPH EMBEDDING AND BAYESIAN NETWORKS <i>Jorge Loy-Benitez, Shahzeb Tariq, Sungku Heo, Taeyong Woo, Sangyoun Kim and Changkyoo Yoo</i>	MODELLING AND SIMULATION OF FLOODS IN A RIVER BASIN: FIRST PHASE TOWARDS FLOOD MANAGEMENT USING NBS IN THE OITAVEN-VERDUGO RIVER BASIN (NW SPAIN) <i>Carolina Acuña-Alonso, Lucia Martinez, Enrique Valero and Xana Alvarez</i>
14:15-14:30				SUSTAINABLE CITIES FOR THE FUTURE WITH THE SUSTAINABLE URBAN WATER MANAGEMENT <i>Rouhollah Nasirzadehdizaji</i>	ELMALI DAM FAILURE ANALYSIS AND FLOOD DISASTER SIMULATION WITH DIFFERENT SCENARIOS USING HEC-RAS 2D <i>Ismail Bilal Peker, Abdülbaki Hacı, Yasin Paşa and Sezar Gulbaz</i>
14:30-14:45				NOVEL POROUS GEOPOLYMER GRANULES TO CONTROL DIFFUSE POLLUTION AND EUTROPHICATION RELATED TO AMMONIUM NITROGEN <i>Yangmei Yu and Tero Luukkonen</i>	INVESTIGATION OF FLOOD MITIGATION IN BOZKURT DISTRICT <i>Hayri Baycan and Uğur Boyraz</i>
14:45-15:00	<b>Coffee Break</b>				
15:00-16:00	<b>Poster Session</b>				
16:00-17:00	<b>CHARACTERISITICS AND FATE OF NANOPLASTICS IN WATER ENVIRONMENTS</b> <i>Gang Liu (Chinese Academy of Sciences, China)</i>				
17:00-18:00	<b>Diffuse Pollution and Eutrophication Specialist Group Open Meeting</b>				
19:00-22:00	<b>Gala Dinner</b>				

THURSDAY, OCTOBER 27

09:30-09:45	MONITORING AND MODELING 1 (ROOM A) CHAIR: AYŞEGÜL AKSOY	MODEL BASED EUTROPHICATION ASSESSMENT OF KOYCEGIZ LAKE Elif Atasoy Ayntı, Elif Soyer and Ali Ertürk	EMERGING POLLUTANTS (ROOM B) CHAIR: FERDI HELLEWEGER	KINETICS OF THE PHOTOLYTIC AND PHOTOCATALYTIC DEGRADATION OF VETERINARY ANTIBIOTICS Johanna Zambrano, Pedro Garcia, Rubén Iniesta-Mata, Juan José Jimenez and Rebeca López
09:45-10:00		SYSTEMIC HYDRAULIC FRACTURING CHEMICAL RISK INDICATORS FOR ASSESSING RELATIVE HAZARD LEVELS TO WATER SUPPLY Christopher Hill, Om Prakash Yadav and Eakalak Khan		ESTIMATION OF BIODEGRADATION POTENTIAL OF PHARMACEUTICALS BY BIOWIN MODELS AND COMPARISON WITH EXPERIMENTAL DATA Başak Kalç and Ferhan Çeçen
10:00-10:15		REAL TIME MONITORING OF TEMPERATURE STRATIFICATION TO RESPOND TO EUTROPHICATION Özge Yücel Bilen, Emrehan Berkay Çelebi, Utku Berkalp Unalan, Emine Betül Şanlı, Serbay Şimşir, Süleyman Kazım Sömek, Aydoğuş Kallan, Reza Ahmadian, Şimşek Demir and Aysegül Aksoy		MODELING OF REGIONALIZED PFOA AND PFOS EMISSIONS IN AUSTRIA Steffen Kitzlaus, Matthias Zessner and Ottavia Zobi
10:15-10:30		DIFFUSE N- AND P-INPUTS INTO SURFACE WATERS OF GERMANY Ralf Kunkel, Peter Kreins, Hong Hanh Nguyen, Björn Tetzlaff, Markus Venohr, Frank Wendland, Tim Wolters and Maximilian Zimbauer		RESISTANCE TO BENZALKONIUM CHLORIDES FAVORS ANTIBIOTIC RESISTANCE Gökçin Gül and Ulaş Tezel
10:30-10:45		APPLICATION OF MACHINE LEARNING CLASSIFICATION AND REGRESSION ALGORITHMS FOR QUANTIFYING NUTRIENT TRANSPORT CONSIDERING GROUNDWATER-SURFACE WATER INTERACTIONS IN AN AGRICULTURAL WATERSHED IN CANADA Ahmed Elsayed, Sarah Rixon, Jana Levison, Andrew Bims and Pradeep Goel		PHARMACEUTICALS RESIDUES AND BIOCIDES FROM BIOSOLIDS AND MANURE SPREAD AS FERTILIZERS: FIRST RESULTS AFTER ONE YEAR FIELD STUDY Noémie Perrin, Pierre Benoit, Dominique Patureau, Laure Wiest and Jean-Luc Bertrand-Krajewski
10:45-11:00				VUV INDUCED PHOTO-OXIDATION OF IMIDACLOPRID IN AQUEOUS SOLUTION Selim L. Sanin and Halil Derin
11:00-11:30	<i>Coffee Break</i>			
11:30-12:30	<b>FATE AND REMOVAL OF PHARMACEUTICALS AND NEW THREATS IN EUROPEAN RIVERS UNDER WATER SCARCITY AND GLOBAL CHANGE: THE EU GLOBAQUA PROJECT</b> <i>Damià Barceló (Catalan Institute for Water Research, Spain)</i>			
12:30-13:30	<i>Lunch</i>			
13:30-15:00	<b>WORKSHOP: Young Water Professional Workshop and Networking</b> <i>Marla Redillas, De La Salle University-Manila</i>		<b>WORKSHOP: UNESCO and Water Resources</b> <i>Koray K. Yılmaz, METU</i>	
15:00-15:30	<i>Coffee Break</i>			
15:30-15:45	MONITORING AND MODELING 2 (ROOM A) CHAIR: V.Ş. ÖZGÜR KIRCA	OPTIMIZING THE ANNULAR PHOTOCATALYTIC REACTOR CONFIGURATION FOR THE DEGRADATION OF PERFLUOROCTANOIC ACID (PFOA) USING AN IMMOBILIZED TITANIUM DIOXIDE: A COMPUTATIONAL FLUID DYNAMICS (CFD) ANALYSIS Mikaila Denise Loanzon and Joseph Albert Mendoza	ECOLOGICAL PROTECTION AND RESTORATION (ROOM B) CHAIR: SEİFEDDİNE JOMAA	DEVELOPMENT OF AN ALGORITHM FOR THE DETECTION OF FOREST FIRE SPREAD IN AREAS WITHOUT INTERNET CONNECTION Çağdaş Tan, Elçin Tan and Sevinç Asilhan Sırdaş
15:45-16:00		INVESTIGATION OF THERMAL DISCHARGE DILUTION AT RIVER MOUTH USING HYDRODYNAMIC TOOLS Fatih Yorgun, Mehmet Erbişim, Murat Aksel, Oral Yağcı and Şevket Çoğgör		MODELS PREDICT PLANNED PHOSPHORUS LOAD REDUCTION WILL MAKE LAKE ERIE MORE TOXIC Ferdi Helleweger
16:00-16:15		DEVELOPMENT OF A MICROFLUIDIC SYSTEM FOR THE COLORIMETRIC DETECTION OF THE DIFFUSE POLLUTION OF PHOSPHATE IN FRESH WATER SYSTEMS Rachel Bracker, Harry Beggy, Louis Free, Joyce O'Grady, Sean Power, Karen Daly, Nigel Kent, Fiona Regan and Blánaid White		USING SYSTEM DYNAMICS MODELLING TO VISUALIZE THE EFFECTS OF RESOURCE MANAGEMENT AND POLICY INTERVENTIONS ON BIODIVERSITY AT A REGIONAL SCALE Chrysi Laspidou and Konstantinos Ziliaskopoulos
16:15-16:30		LONG-TERM SPATIAL-TEMPORAL MONITORING OF EUTROPHICATION IN LAKE BURDUR USING REMOTE SENSING DATA Serra Salgut, Gizem Tuna Tuynan and Alper Elçi		ESTIMATION OF THE SOIL ERODIBILITY FACTOR (K) FOR THE MARMARA REGION OF TURKEY WITH THE RUSLE MODEL USING GIS TECHNIQUES Alkor Ezer and Başak Güven
16:30-16:45		EXAMINING THE USE OF GEMSTAT GLOBAL DATA SOURCE FOR A WATER QUALITY MODEL İsmail Bilal Peker and Sezar Gullbaz		GREEN TRANSITION IN EUROPE: POLICY PATHWAYS TOWARDS A LOW-CARBON ECONOMY UNDER A WEF NEXUS APPROACH - THE NEXUSNET COST ACTION Giannis Adamos and Konstantinos Ziliaskopoulos
16:45-17:00		APPLICATION OF REMOTE SENSING AND IN-SITU MEASUREMENTS FOR DISCHARGE MONITORING IN LARGE RIVERS: (CASE OF POOL MALEBO IN THE CONGO RIVER BASIN) Djamel Kechait, Raphael Tshimanga Muamba and Ammari Abdelhadi		EVALUATION OF EPA SWMM MODELING PERFORMANCE OF INFILTRATION TRENCH Kaan İlker Demirezen and Cevza Melek Kazeyılmaz-Alhan
17:00-17:30	<i>Closing Ceremony</i>			



FRIDAY, OCTOBER 28	
09:00-10:30	<i>Field Trip</i>
10:30-11:30	
11:30-12:30	
12:30-13:30	
13:30-14:30	
14:30-15:30	
15:30-16:30	
16:30-17:30	

WEDNESDAY, OCTOBER 26		POSTER NUMBER (FLASH ORAL)	TOPIC
10:00-10:05	<i>PARTICULATE PHOZZYLOGIC INDEX: TOWARDS A MORE ACCURATE AND TRANSPARENT IDENTIFICATION OF CRITICAL SOURCE AREAS TO MITIGATE PHOSPHORUS EMISSIONS</i> <i>Gerold Hepp, Ottavia Zoboli, Eva Strenge and Matthias Zeissner</i>	46	Monitoring and Modelling
10:05-10:10	<i>MODELLING POTENTIAL IMPACTS OF CLIMATE CHANGE ON HEAVY METAL TRANSPORT IN DRAINAGE BASINS</i> <i>Kamil Çöllü, Muhammed Aslan, Zeynep Akdoğan and Başak Güven</i>	70	
10:10-10:15	<i>DESIGNING THE SIZING CRITERIA FOR FREE WATER SURFACE FLOW CONSTRUCTED WETLAND BASED ON RIVER FLOW INTERPOLATION</i> <i>Miguel Antonio Campos, Nicanor Chan, John Kristoffer Chua, Sophia Claudette Gaudin, Sergi Garbanzos and Marla Maniquiz-Redillas</i>	29	Wetland Management and Modeling
10:15-10:20	<i>INVESTIGATING THE EFFICIENCY OF INFILTRATION TRENCHES FOR STORMWATER PEAK FLOW AND OUTFLOW REDUCTION USING SWMM</i> <i>Sergi Garbanzos, Johaimin Pansalondang, Karlo Bryan Ng Cha and Marla Maniquiz-Redillas</i>	28	Nature-Based Solutions and Implementations
10:20-10:25	<i>AN EVALUATION OF GREEN ROOF MODELING PERFORMANCE OF EPA SWMM</i> <i>Kavsar Bako and Cevza Melek Kasecilmaz-Alhan</i>	101	
10:25-10:30	<i>EVALUATING THE PROPOSED CHECK DAMS PERFORMANCES ON FLOOD MITIGATION IN BOZKURT DISTRICT</i> <i>Hayri Baycan and Ugur Boyraz</i>	125	Reservoir and Water Bodies
10:30-10:35	<i>ASSESSMENT OF SURFACTANT-ENHANCED IN SITU CHEMICAL OXIDATION OF DNAPL SOURCE ZONES</i> <i>Zeynep Demiray, Nihat Hakan Akyol and Nadim Coptay</i>	126	Soil Contamination
10:35-10:40	<i>FATE AND TRANSPORT OF SOME COMMONLY USED PESTICIDES IN THE KONYA PLAIN, TURKEY</i> <i>Yagmur Ongar, Ulay Tecel, Burak Demirel and Nadim Kamel Coptay</i>	108	

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	<b>MODELLING POTENTIAL IMPACTS OF CLIMATE CHANGE ON HEAVY METAL TRANSPORT IN DRAINAGE BASINS</b> <i>Kamil Çöllü, Muhammed Aslan, Zeynep Akdoğan and Başak Güven</i>	70	
	<b>META-RESEARCH ON NUTRIENT TRANSPORT IN SURFACE WATER AND GROUNDWATER USING A TEXT MINING ALGORITHM</b> <i>Ahmed Elsayed, Sarah Rixon, Christina Zeuner, Jana Leitzers, Andrew Bunn and Pradeep Goel</i>	81	
	<b>ASSESSMENT OF RUSLE'S COVER MANAGEMENT SUB-FACTORS FOR UNIDENTIFIED URBAN LAND-USE CLASSES</b> <i>Osama Dawoud, Aladdin Eljamaasi and Mohammed David</i>	85	
	<b>THE APPLICATION OF ATMOSPHERIC AND SOIL SENSORS FOR MONITORING NATURE-BASED STORMWATER TREATMENT FACILITIES</b> <i>Min-su Jeon, Nash Jett Reyes, Hyeeseon Choi and Lee-Hyung Kim</i>	37	
	<b>CORRELATION ANALYSIS BETWEEN WETLAND WATER LEVEL AND RAINFALL IN JANGGUN WETLAND</b> <i>Junhyeong Lee, Jong-Gu Hwang Bo, Kising Lee and Soajun Kim</i>	118	
	<b>A CASE STUDY OF SOUTH KOREA: CURRENT STATUS AND PERFORMANCE ASSESSMENT</b> <i>Hyeeseon Choi, Borani Kim, Nash Jett Reyes, Min-su Jeon and Leeyhung Kim</i>	6	Wetland Management and Modeling
	<b>LITERATURE ANALYSIS ABOUT CHANGING AND INFLUENCE FACTORS IN WETLAND</b> <i>Younghoon Yoo, Jong-Gu Hwang Bo, Kising Lee and Soajun Kim</i>	119	
	<b>DESIGNING THE SIZING CRITERIA FOR FREE WATER SURFACE FLOW CONSTRUCTED WETLAND BASED ON RIVER FLOW INTERPOLATION</b> <i>Miguel Antonio Campos, Nicenar Chan, John Kristoffer Chua, Sophia Claudette Gaudin, Sergi Garbancos and Maria Maniquit-Redillas</i>	29	
	<b>AN OVERVIEW OF DIFFUSE POLLUTION MANAGEMENT THROUGH STORMWATER TREATMENT WETLANDS</b> <i>Nash Jett Reyes, Fran: Kevin Geronimo, Heidi Guerra, Min-su Jeon and Lee-Hyung Kim</i>	18	Climate Change Adaptation and Mitigation
<b>DEVELOPMENT OF A STEADY STATE-ANALYTICAL WATEROBODY NETWORK MODELING TOOL TO IDENTIFY THE INDIVIDUAL IMPACTS OF MULTIPLE POINT AND DIFFUSE NUTRIENT EMISSIONS</b> <i>Ali Erturk, Cenk Gürevin and Natalia Cerkasova</i>	90		
<b>WATER FOOTPRINT CONCEPT AND FORESTS</b> <i>Gafura A. Özdemir and Batın Mehmet Yer</i>	77		
<b>ESTIMATION OF INFILTRATED RUNOFF COEFFICIENT FOR PREDICTING INFILTRATED WATER OF THE PERMEABLE PAVEMENT LID SYSTEM CONSIDERING THE CROSS SECTION</b> <i>Jaerock Park, Kyungmo Im, Youngjae Seo and Hyunuk Shin</i>	19		
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