

MONDAY, OCTOBER 24

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| <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 | | | | |
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| 09:00-09:30 | Registration | | | |
| 09:30-10:15 | Opening Ceremony | | | |
| 10:15-11:15 | <p align="center">POTENTIAL IMPACTS OF CLIMATE CHANGE ON SURFACE AND SUBSURFACE HYDROLOGY AND CONTAMINANT TRANSPORT 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 Dilcan 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 COPTI | 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 Tiltz, 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, Carmen 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 Tashdedhal 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

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| 09:00-09:30 | Registration | | | | |
| 09:30-09:45 | FLASH ORAL PRESENTATIONS (ROOM A) CHAIR: DERYA DENİZ | 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) CHAIR: OTTAVIA ZOBOLI | 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 Idzalyté and Jovita Mešine</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 | Coffee Break | | | | |
| 11:30-12:30 | OPTIMAL DESIGN CONCEPTS IN WATER RESOURCES MANAGEMENT <i>Mustafa M. Aral (Georgia Institute of Technology, USA)</i> | | | | |
| 12:30-13:30 | Lunch | | | | |
| 13:30-13:45 | URBAN/INDUSTRIAL WATER (ROOM A) CHAIR: MARKUS VENOHR | 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) CHAIR: ŞEVKET ÇOKÇÖR | 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 | Coffee Break | | | | |
| 15:00-16:00 | Poster Session | | | | |
| 16:00-17:00 | CHARACTERISITICS AND FATE OF NANOPLASTICS IN WATER ENVIRONMENTS <i>Gang Liu (Chinese Academy of Sciences, China)</i> | | | | |
| 17:00-18:00 | Diffuse Pollution and Eutrophication Specialist Group Open Meeting | | | | |
| 19:00-22:00 | Gala Dinner | | | | |

THURSDAY, OCTOBER 27

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| 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 Kallen, 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 | FATE AND REMOVAL OF PHARMACEUTICALS AND NEW THREATS IN EUROPEAN RIVERS UNDER WATER SCARCITY AND GLOBAL CHANGE: THE EU GLOBAQUA PROJECT <i>Damià Barceló (Catalan Institute for Water Research, Spain)</i> | | | |
| 12:30-13:30 | <i>Lunch</i> | | | |
| 13:30-15:00 | WORKSHOP: Young Water Professional Workshop and Networking <i>Marla Redillas, De La Salle University-Manila</i> | | WORKSHOP: UNESCO and Water Resources <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 | |
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| 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 |
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| 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 Zeesner</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 Pamalondang, Karlo Bryan Ng Cha and Marla Maniquiz-Redillas</i> | 28 | Nature-Based Solutions and Implementations |
| 10:20-10:25 | <i>THE IMPACT OF LID IMPLEMENTATION ON SURFACE RUNOFF BY USING EPA SWMM</i> <i>Merve Dinçer and Sezai Gülbaç</i> | 123 | |
| 10:25-10:30 | <i>AN EVALUATION OF GREEN ROOF MODELING PERFORMANCE OF EPA SWMM</i> <i>Kavşar Bako and Cevza Melek Kaseçiyılmaz-Alhan</i> | 101 | |
| 10:30-10:35 | <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 |
| 10:35-10:40 | <i>DERIVATION OF DAM BREAK EMPIRICAL EQUATION FOR DARLIK DAM IN ISTANBUL, TURKEY</i> <i>Abdülbaki Hacı, Ezgi Selen Tilav, İsmail Bilal Peker, Rasim Temur, Yasin Paşa and Sezai Gülbaç</i> | 127 | |
| 10:40-10:45 | <i>ASSESSMENT OF SURFACTANT-ENHANCED IN SITU CHEMICAL OXIDATION OF DNAPL SOURCE ZONES</i> <i>Zeynep Demirey, Nihat Hakan Akyol and Nadim Copty</i> | 126 | Soil Contamination |
| 10:45-10:50 | <i>FATE AND TRANSPORT OF SOME COMMONLY USED PESTICIDES IN THE KONYA PLAIN, TURKEY</i> <i>Yağmur Ongar, Ulaş Tezel, Burak Demirel and Nadim Kamel Copty</i> | 108 | |

| WEDNESDAY, OCTOBER 26 | | POSTER NUMBER | TOPIC |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------|--------------------------------------------|
| 15:00-16:00 | PARTICULATE PHOZZYLOGIC INDEX: TOWARDS A MORE ACCURATE AND TRANSPARENT IDENTIFICATION OF CRITICAL SOURCE AREAS TO MITIGATE PHOSPHORUS EMISSIONS <i>Gerold Hepp, Ottavia Zoboli, Eva Strengel and Matthias Zesner</i> | 46 | Monitoring and Modelling |
| | MODELLING POTENTIAL IMPACTS OF CLIMATE CHANGE ON HEAVY METAL TRANSPORT IN DRAINAGE BASINS <i>Kamil Çöllü, Muhammed Aslan, Zeynep Akdoğan and Başak Güven</i> | 70 | |
| | META-RESEARCH ON NUTRIENT TRANSPORT IN SURFACE WATER AND GROUNDWATER USING A TEXT MINING ALGORITHM <i>Almed Elzayed, Sarah Rixon, Christina Zeiner, Jana Levizon, Andrew Birns and Pradeep Goel</i> | 81 | |
| | ASSESSMENT OF RUSLE'S COVER MANAGEMENT SUB-FACTORS FOR UNIDENTIFIED URBAN LAND-USE CLASSES <i>Osama Dawoud, Aladdin Eljamazi and Muhammed David</i> | 85 | |
| | THE APPLICATION OF ATMOSPHERIC AND SOIL SENSORS FOR MONITORING NATURE-BASED STORMWATER TREATMENT FACILITIES <i>Minsu Jeon, Nash Jett Reyes, Hyeeseon Choi and Lee-Hyung Kim</i> | 37 | |
| | CORRELATION ANALYSIS BETWEEN WETLAND WATER LEVEL AND RAINFALL IN JANGGUN WETLAND <i>Junhyeong Lee, Jong-Gu Hwang Bo, Kising Lee and Soojun Kim</i> | 118 | |
| | A CASE STUDY OF SOUTH KOREA: CURRENT STATUS AND PERFORMANCE ASSESSMENT <i>Hyeeseon Choi, Boram Kim, Nash Jett Reyes, Minsu Jeon and Leqhyung Kim</i> | 6 | Wetland Management and Modeling |
| | LITERATURE ANALYSIS ABOUT CHANGING AND INFLUENCE FACTORS IN WETLAND <i>Younghoon Yoo, Jong-Gu Hwang Bo, Kising Lee and Soojun Kim</i> | 119 | |
| | DESIGNING THE SIZING CRITERIA FOR FREE WATER SURFACE FLOW CONSTRUCTED WETLAND BASED ON RIVER FLOW INTERPOLATION <i>Miguel Antonio Campos, Nicmar Chan, John Kristoffer Chua, Sophia Claudette Gaudin, Sergi Garbarcos and Marla Maniquiz-Redillas</i> | 29 | |
| | AN OVERVIEW OF DIFFUSE POLLUTION MANAGEMENT THROUGH STORMWATER TREATMENT WETLANDS <i>Nash Jett Reyes, Fran: Kevin Geronimo, Heidi Guerra, Minsu Jeon and Lee-Hyung Kim</i> | 18 | |
| | DEVELOPMENT OF A STEADY STATE-ANALYTICAL WATEROBODY NETWORK MODELING TOOL TO IDENTIFY THE INDIVIDUAL IMPACTS OF MULTIPLE POINT AND DIFFUSE NUTRIENT EMISSIONS <i>Ali Ermak, Cerik Girevin and Natalia Cerkasova</i> | 90 | Climate Change Adaptation and Mitigation |
| | WATER FOOTPRINT CONCEPT AND FORESTS <i>Gafura A. Ozdemir and Batm Mehmet Ter</i> | 77 | |
| | ESTIMATION OF INFILTRATED RUNOFF COEFFICIENT FOR PREDICTING INFILTRATED WATER OF THE PERMEABLE PAVEMENT LID SYSTEM CONSIDERING THE CROSS SECTION <i>Jaeroek Park, Kyungmo Im, Youngsoo Seo and Hyunuk Shin</i> | 19 | |
| | A STUDY ON THE SELECTION METHOD OF WATER CYCLE PRIORITY MANAGEMENT BASIN BASED ON HSPF <i>Jaemoon Kim, Jongseok Baek, Hyo Jeong Lee, Jihyun Moon and Hyunuk Shin</i> | 16 | Integrated Watershed Management |
| | A NOVEL DESIGN FOR SEDIMENTS' FILTRATION/ENTRAPMENT SYSTEM AT DECENTRALIZED INFILTRATION FACILITIES <i>Osama Dawoud</i> | 56 | |
| | THE CHARACTERISTICS OF DISTRIBUTION AND ENVIRONMENTAL FACTOR OF VEGETATION IN WESTERN AND SOUTHERN COAST IN KOREA <i>Ji-Won Park, Eun-Joo Kim, Jung-Min Lee, Yoon-Seo Kim, Jae-Hoon Park, Se-Hee Kim and Young-Han You</i> | 59 | |
| | INTRODUCTION AND REVIEW OF PRELIMINARY CONSULTATION SYSTEM FOR LOW IMPACT DEVELOPMENT TO REDUCE OUTFLOWS AND NON-POINT SOURCE POLLUTIONS <i>Hyojeong Lee, Hyunsook Shin, Jihyun Moon, Jaemoon Kim and Youngsoo Jang</i> | 10 | Nature-Based Solutions and Implementations |
| | EVALUATION OF WATER BALANCE FOR GREEN ROOF BASED ON K-LIDM <i>Jihyun Moon, Jaemoon Kim, Hyojeong Lee, Jaeroek Park and Hyunuk Shin</i> | 17 | |
| | INVESTIGATING THE EFFICIENCY OF INFILTRATION TRENCHES FOR STORMWATER PEAK FLOW AND OUTFLOW REDUCTION USING SWMM <i>Sergi Garbarcos, Jahaimin Panalondong, Karlo Bryan Ng Cha and Marla Maniquiz-Redillas</i> | 28 | |
| | AN EVALUATION OF GREEN ROOF MODELING PERFORMANCE OF EPA SWMM <i>Kavazir Bako and Cevca Melek Kacayilmaz-Alhan</i> | 101 | |
| | A LAND-SUITABILITY ANALYSIS FOR LOW IMPACT DEVELOPMENT APPLICATIONS IN ANKARA, TURKEY <i>Emre Alp, Ilksen Şenocak, Hayrettin Onur Bektaş, Yasin Erkan, Gül Şimşek, Ayşın Tuna, Sermin Çakıcı Alp and Mehdi H. Afşar</i> | 114 | |
| | THE IMPACT OF LID IMPLEMENTATION ON SURFACE RUNOFF BY USING EPA SWMM <i>Merve Düşer and Sezar Gülbaz</i> | 123 | |
| | THE WEF NEXUS APPROACH TO ACHIEVE THE SUSTAINABLE DEVELOPMENT GOALS <i>Alexandra Ioannou and Chrysi Lazpidou</i> | 22 | Nexus Approach |
| | THE IMPACT OF RENEWABLE ENERGY ON ECONOMIC GROWTH IN CEE COUNTRIES <i>Doriana Matraku and Kamela Selenica</i> | 76 | |
| | EFFECT OF LAND USE AND LAND COVER CHANGE DYNAMICS ON N'DJILI RIVER WATER QUALITY VARIATION <i>Sani Zoueva, Raphael M. Tshimanga, Haddy Katsiatshia M. and Nelson Odume</i> | 69 | Reservoir and Water Bodies |
| | EVALUATING THE PROPOSED CHECK DAMS PERFORMANCES ON FLOOD MITIGATION IN BOZKURT DISTRICT <i>Hayri Baycan and Ugur Boyvaz</i> | 125 | |
| DERIVATION OF DAM BREAK EMPIRICAL EQUATION FOR DARLIK DAM IN ISTANBUL, TURKEY <i>Abdulbaki Hacı, Egi Selen Tiler, İsmail Bilal Peker, Rasim Temur, Yasin Paşa and Sezar Gülbaz</i> | 127 | | |
| FATE AND TRANSPORT OF SOME COMMONLY USED PESTICIDES IN THE KONYA PLAIN, TURKEY <i>Yagmur Ongar, Ulag Tezel, Burak Demirel and Nadim Kamel Copry</i> | 108 | Soil Contamination | |
| ASSESSMENT OF SURFACTANT-ENHANCED IN SITU CHEMICAL OXIDATION OF DNAPL SOURCE ZONES <i>Zeynep Demirey, Nihat Hakan Akyol and Nadim Copry</i> | 126 | | |
| PESTICIDES AND CHEMICAL ELEMENTS IN BRAZILIAN PANTANAL SEDIMENTS <i>Sávio César Sampaio, Kathleen Jennifer Model, Plínio Emanuel Rodrigues Silva, Floriano Luiz Suszek, Cleuciane Tillvitz Do Nascimento, Natalia Pereira and Marcelo Bevilacqua Remor</i> | 12 | | |
| CHARACTERISTICS OF HABITAT ENVIRONMENT AND POPULATION OF MANKYUA CHEJUENSE, WHICH IS RARE AND ENDANGERED PLANT IN WORLDWIDE AND GROWS ONLY IN REPUBLIC OF KOREA <i>Kim Eunjo, Jiwon Park, Jungmin Lee, Jaehoon Park, Yoonseo Kim, Sehee Kim and Younghan You</i> | 63 | Ecological Restoration and Production | |
| THE STUDY ON THE EXOTIC PLANT MANAGEMENT CONSIDERING ON THE PLANT LIFE FORM AND BIRD POPULATION CHARACTERISTICS AT THE EXPOSED FLOODPLAIN BY DRAWDOWN IN SOUTH KOREA <i>Jae-Hoon Park, Young-Han You, Ji-Won Park, Eun-Joo Kim, Jung-Min Lee, Yoon-Seo Kim and Ho-Joon Kim</i> | 62 | | |
| ECOLOGICAL ASSESSMENT OF WATERFORTH SPACE USING PLANTS OF WEIRS IN THE NAKDONG RIVER BASIN, REPUBLIC OF KOREA <i>Kim Eunjo, Youngsub Han, Jaehoon Park, Jiwon Park, Jungmin Lee, Yoonseo Kim, Sehee Kim and Younghan You</i> | 61 | | |
| PLANT COMMUNITY, NET PRIMARY PRODUCTION AND SOIL ENVIRONMENT FACTORS IN ESTUARY, KOREA <i>Ji-Won Park, Eun-Joo Kim, Jung-Min Lee, Yoon-Seo Kim, Jae-Hoon Park, Se-Hee Kim and Young-Han You</i> | 60 | | |
| CHARACTERISTICS OF VEGETATION SUCCESSION IN THE EXPOSED LAND CAUSED BY THE OPENING OF THE FLOODGATE IN SEJONG WEIR, GEUMGANG RIVER, SOUTH KOREA <i>Yoonseo Kim, Kim Eunjo, Jiwon Park, Jung-Min Lee, Se-Hee Kim, Jae-Hoon Park and Young-Han You</i> | 64 | | |
| VEGETATION AND FLORA OF GONGJU AND BAEKJE WEIR IN GEUMGANG RIVER, KOREA <i>Jung-min Lee, Jae-young No, Eun-Joo Kim, Ji-won Park, Yoon-seo Kim, Se-hee Kim, Jae-hoon Park and Young-han You</i> | 66 | | |

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