

	Legacy A	Legacy B	Illumination	Enlightenment
11:00 – 12:30	<b>Chair: Yingxia Li</b>	<b>Chair: Hyun Min Hwang</b>	<b>Chair: Xuyong Li</b>	<b>Chair: Lester McKee</b>
	Flooding Effects on Soil properties, Enzyme and Microbial Community in Riparian Wetland of Agricultural Basin <i>Yang Ou (Chinese Academy of Sciences, China)</i>	Water Quality Improvement and Ecological Restoration in the Water Source Area of Lake Chaohu in China <i>Kaining Chen (Nanjing Institute of Geography &amp; Limnology, China)</i>	Identification of Environmental Factors Affecting Chl- <i>a</i> Concentration in Stream Water <i>Jin hwi Kim (Dongguk University, Korea)</i>	Development of a Beach Water Quality Model: Dealing with Uncertainty <i>Cyril Garneau (modelEAU, Université Laval, Canada)</i>
	Development of Grid Based Socio-economic Flood Risk Map <i>Insang Yu (Kongju National University, Korea)</i>	Analysis of Oxidation Efficiency by Sub-micron Ozone Bubble <i>Seunghyun Baek (Seoul National University, Korea)</i>	Chlorophyll- <i>a</i> Prediction under Hierarchical Bayesian Network-data Assimilation Framework <i>Feifei Sun (University of Waterloo, Canada)</i>	Development of a Methodology for Dangerous Substances Risk on Coastal & Transitional Waters <i>Gulsen Avaz (TUBITAK MRC, Turkey)</i>
	Functional Composition of a Rainfall Recharge Model through Online Distributed Geoprocessing <i>Alexander Kmoch (GNS Science, New Zealand)</i>	Brazilian Charcoal Low Release Fertilizer - Desorption Studies <i>Nilce Ortiz (Institute for Nuclear and Energy Research, Brazil)</i>	Phytoplankton Color Chart (PCC) as Indicator of Trophic Status in Laguna de Bay, Philippines <i>Marilou G. Directo-Cebujano (Laguna Lake Development Authority, Philippines)</i>	Human Health Effects from Water Contact Exposure Following Urban Wet Weather Discharges <i>Kenneth Schiff (SCCWRP, USA)</i>
		Effectiveness of a Natural Headwater Wetland for Removing Agricultural Nitrogen Loads <i>Evelyn Uuema (University of Tartu, Estonia)</i>	Management of Pond Water Quality Using Contact Oxidation Method and Vegetation Site <i>Saerom Yoon (Seoul National University, Korea)</i>	
14:00 – 15:30	<b>Chair: Eric Strecker</b>	<b>Chair: Edward Kolodziej</b>	<b>Chair: Mi-Hyun Park</b>	<b>Chair: Dragomir Bogdanic</b>
	Application of Stochastic Point Rainfall Model for Future Urban Stormwater Management <i>Jeonghoon Lee (Pukyong National University, Korea)</i>	Glyphosate Concentrations in Scottish Rivers <i>Fiona Napier (Scottish Environment Protection Agency, UK)</i>	Retrieving Algal Biomass and Algae Type Independently in Coastal Waters Using Satellite Reflectance Data <i>Guangming Zheng (NOAA/GST, USA)</i>	Pollutant Source Tracking <i>Jared Ervin (Geosyntec Consultants, USA)</i>
	Adaptation to Climate Change: Impacts and Resilience of Economic Sectors <i>Ray Earle (Dublin City Council, Ireland)</i>	Emerging contaminants as Chemical Markers of Pollution Sources in Urban Surface Waters <i>Ngoc Han Tran (National University of Singapore, Singapore)</i>	Modelling of HAB (Harmful Algal Bloom) in the Han River, Korea <i>Dongil Seo (Chungnam National University, Korea)</i>	Passive Sampling of Emerging Contaminants in Irish Catchments <i>Lisa Jones (Dublin City University, Ireland)</i>
	Ambient Temperature Evaluation of Porous or Water-retentivity Blocks Using Climatic Chamber <i>Dae Uk Shin (Korea Conformity Laboratories, Korea)</i>	Frequency of Antimicrobial Resistance in Bacteria at Urban Pond and River in Tokyo <i>Kahoko Nishikawa (Chuo University, Japan)</i>	Impact of Turbidity Density Flow Intrusion on Algal Blooming in Reservoir Using CE-QUAL-W2 Model <i>SungRyong Ha (Chungbuk National University, Korea)</i>	Automated Continuous Monitoring and Response to Toxic Subsurface Vapors Entering Overlying Buildings <i>Mark Kram (Groundswell Technologies, Inc., USA)</i>
	Assessment of the Impacts of Climate Change on Streamflow and Water Qualities in Yeongsan River Watershed Using SWAT <i>Bumjo Kim (GIST, Korea)</i>	Impacts of EDCS and the Role of Reuse and Conservation on the Quality of the Potomac River <i>Erik Rosenfeldt (Hazen and Sawyer, USA)</i>	Algae Removal Efficiency Evaluation of Various Coagulants <i>Bokjin Lee (UST/KICT, Korea)</i>	Finding Hotspots – the Use of Rapid Monitoring Techniques to Pinpoint Sources of Diffuse Pollution in River Catchments <i>Fiona Napier (SEPA, UK)</i>
		Occurrence of Pharmaceutical Residues from Cancer Hospital Wastewaters Based on Dry-Weather Flows <i>Seong-Nam Nam (Chung-Ang University, Korea)</i>	Harmful Algae Bloom Control in Echo Park Lake <i>Gordon Haines (LASAN, City of LA, USA) )</i> <i>Wilfred Hsu (CH2M, USA)</i>	Alternative Compliance Approach for Bacteria TMDLs in Los Angeles <i>Jared Ervin (Geosyntec, USA)</i>

Tuesday August 15<sup>th</sup>, 2017



	Legacy A	Legacy B	Illumination	Laureate
10:30 – 12:00	<b>Chair: Ray Earle</b> Nutrient Removal in Subsurface Drainage Using Edge of Field Practices <i>Laurent Ahiablame (South Dakota State University, USA)</i> Retro-fitting Wetlands Back into Agricultural Watersheds to Manage Diffuse Contaminant Loads <i>Chris Tanner (NIWA, New Zealand)</i> The Effect of Nitrogen Mitigation Measures Evaluated by Monitoring of Nitrogen Concentrations and Loadings <i>Henrik Tornbjerg/ Jørgen Windolf (University of Aarhus, Denmark)</i> Delineation of Hydrogeochemical Characteristics of the Drinking Groundwater <i>HyunKoo Kim (NIER, Korea)</i>	<b>Chair: Mel Suffet</b> Suspect and Non-target Screening of Organic Contaminants in Highway Runoff <i>Edward Kolodziej (University of Washington, USA)</i> Ecotoxicity of Highway Dusts in Terms of PAHs and Their Transformation Products <i>Atsushi Ichiki (Ritsumeikan University, Japan)</i> Source Apportionment of Fine Sediment Particles in Urban Roadway Runoff in the Lake Tahoe Basin <i>Hyun-Min Hwang (Texas Southern University, USA)</i> Source Characterization of Urban Road Surface Pollutant Wash-off <i>An Liu (Shenzhen University, China)</i> State of the Art Technology for Plume Mapping and Water Quality Monitoring Dynamic Bay Environment <i>Dragomir Bogdanic (CalTran, USA)</i>	<b>Chair: Richard Ambrose</b> Long Term Assessment of Lake Pátzcuaro, Water Quality and Eutrophication Trend. 10 Years of Actions <i>Luis Bravo-Inclán (Mexican Institute of Water Technology, Mexico)</i> Evaluation of Bioavailable Phosphorus in Suspended Sediments <i>James Mbabazi (Toyohashi University of Technology, Japan)</i> Identifying Loss forms of Nonpoint Source Nitrogen and Phosphorus in a Highly Erodible Watershed of the Semiarid Region, China <i>Lei Wu (Northwest A&amp;F University, China)</i> Nutrient Concentration in Sediments Accumulated in Pre-treatment Basins of Urban LID Technologies <i>Franz Kevin Geronimo (Kongju National University, Korea)</i>	<b>Workshop I: Water Wise Cite in Asian Countries</b> Water Wise Cities in Japan <i>Hiroaki Furumai (University of Tokyo, Japan)</i> Water Wise Cities in Korea with Ecological LID Eesign <i>Leehyung Kim (Kongju National University, Korea)</i> Sponge city in China for water wise cities <i>Xuyong Li (Chinese Academy of Sciences, China)</i>
13:30 – 15:00	<b>Chair: Luis Alberto Bravo-Inclán</b> Assessment of Micro-basin Tillage as Soil and Water Conservation Practice in the Black Soil Region of Northeast China <i>Yang Ou (Chinese Academy of Sciences, China)</i> Analysis of NPS Pollution Patterns in Korean Orchards <i>Heongak Kwon (NIER, Korea)</i> Reducing Agricultural Pollution through Targeted Watershed Monitoring and Best Management Practices <i>Jenny Newman (LA Regional Water Board, USA)</i> Interflow Contribution Ratio Coming from Livestock Complexes and Farming Area to Artificial Wetland <i>Yunhee Lee (Daejeon Sejong Research Institute, Korea)</i> The Concentration and Distribution of Nitrogen in Mountain Streams in the Northeastern Kyushu, Japan <i>Yukio Komai (Osaka Institute of Technology, Japan)</i>	<b>Chair: Xavier Swamikanuu</b> Model Evaluation of Combined Sewer Overflow Loads Derived from In-sewer Sediments <i>Hiroaki Furumai (University of Tokyo, Japan)</i> LCA of Wet-weather Emissions of an Urban Wastewater System: the Case of the Greater Paris Watershed <i>Eva Risch (Iirstea, France)</i> Development of Stormwater Treatment Media for Advanced Stormwater Treatment at an Industrial Site <i>Robert Pitt (University of Alabama, USA)</i> A Laboratory Study on Synthetic Fiber Filter for Treating Highly Turbid Stormwater from the Construction Sites <i>Qingke Yuan (Hanseo University, Korea)</i> Status and Trends of Contaminant Impacts in Southern California Embayments from Diffuse Sources <i>Kenneth Schiff (Southern California Coastal Water Research, USA)</i>	<b>Chair: Markus Vehnor</b> Water Quality Simulation and Water Environmental Capacity Calculation of Drinking Water Reservoir <i>Chunhui Li (Beijing Normal University, China)</i> Spatio-temporal Distribution of Diffuse Pollution Hotspots Using HSPF with RCP Scenario Dataset <i>Jiheon Lee (Chungbuk National University, Korea)</i> Application of Newly Developed One-dimensional HEC-RAS Water Quality Modeling Capabilities in Support of TMDL Development <i>Zhonglong Zhang (US Army ERDC, USA)</i> Characterization of Surface Water in the Agricultural Dominated Bharathapuzha River Basin, Kerala, <i>Sabu Joseph (University of Kerala, India)</i>	<b>Workshop II: City of LA - Stormwater BMPs</b> Residential LID <i>Stefanie Perez (LASAN, City of LA, USA)</i> Distributed LID: Green Streets <i>Kevin Ho (LASAN, City of LA, USA)</i> Regional LID: Wetlands, Retention, Cisterns <i>Majid Sadeghi (LASAN, City of LA, USA)</i>

**Tuesday August 15<sup>th</sup>, 2017**



	Legacy A	Legacy B	Illumination	Laureate	Entrepreneur
15:30 – 17:00	<b>Chair: Sanjay Mohanty</b>	<b>Chair: Eakalak Khan</b>	<b>Chair: Hiroaki Furumai</b>	<b>Workshop: LA Stormwater Ordinance</b>	<b>YWP</b>
	Performance Assessment and Design Evaluation of Planter Boxes Treating Urban Stormwater Runoff <i>Heidi Guerra (Hanseu University, Korea)</i>	Bioavailability of Hydrophobic Organic Pollutants in Urban Runoff <i>Chris Meng-Horng Hsu (GSI Environmental, USA)</i>	Simulation of Nonpoint Source Pollution from Multiple Land-uses <i>Ying Dai (Beijing Normal University, China)</i>	Public LID Ordinance, NPDES, TMDL, Permits: <i>Ryan Thiha (LASAN, City of LA, USA)</i>	Performance of LID Practices for the Management of Stormwater Runoff from Highly Impervious Roof, Parking Lot and Roadways <i>Marla Redillas (De La Salle University, Philippines)</i>
	Optimization of Detention Ponds' Runoff and Pollution Control Performance in Catchment System <i>Salisu Dan'azumi (Bayero University, Nigeria)</i>	Comparison of PAHs Source Apportionment Results Using FA-NNC, PCA-MLR and PMF <i>Yingxia Li (Beijing Normal University, China)</i>	Application of an ArcGIS "Spreadsheet Model" for Estimating Loads of Pollutants to San Francisco Bay <i>Lester McKee (SFEI, USA)</i>	LID Policy/Ordinance <i>(LASAN, City of LA, USA)</i>	New Non-Point Source Pollution Solutions and Technologies <i>Ray Earle (Dublin City Council, Ireland)</i>
	Nitrogen Removal and Hydraulically Characteristic of Constructed Riverine Wetland <i>Yawei Wang (Research Center for Eco-Environmental Science, China)</i>	Surface Water Drainage as a Source of Poly Aromatic Hydrocarbons <i>Fiona Napier (Scottish Environment Protection Agency)</i>	Predicting Runoff Induced Mass Loads in Urban Watersheds: Linking Land Use and Pyrethroid Contamination <i>Kazuo Chinen (UCLA, USA)</i>		Spatial Variability and Temporal Dynamics of Cyanobacteria Blooms and Water Quality Parameters in Missisquoi Bay <i>Mi-Hyun Park (UMass/UCLA, USA)</i>
	Development of a Hybrid Rain Garden System for Cost-effective Stormwater Treatment <i>Precious Eureka D. Flores (Kongju National University, Korea)</i>	PAHs Sources in the Ballona Creek Watershed <i>I. Mel Suffet (UCLA, USA)</i>	Insecticides Wash-off in Urban Areas: a New Modeling Approach <i>Angela Gorgoglione (University of California, Davis, USA)</i>		
	Designing a Biochar-Amended Infiltration System in Urban Area: Effect of Particle Size of Biochar on Sorption Characteristics <i>Seju Kang (Seoul National University, Korea)</i>				

Wednesday August 16<sup>th</sup>, 2017



	Legacy A	Legacy B	Illumination	Enlightenment
10:30 – 12:00	<b>Chair: Robert Pitt</b>	<b>Chair: Fiona Napier</b>	<b>Chair: Dongil Seo</b>	<b>Chair: Mark Gold</b>
	Biochar Amendments for Enhanced Pathogen Removal in Stormwater Biofilters <i>Nabiul Afroz (Stanford University, USA)</i>	Assessment of Preferential Subsurface Flow and Transport in Soils Near Zarqa River Basin <i>Michel Rahbeh (University of Jordan, Jordan)</i>	Evaluation of LID Control System Using SWMM With Predicted Rainfall Based on Weather Radar Image <i>Heewon Jeong (GIST, Korea)</i>	Performance of Distributed Natural Treatment Controls at SSFL to Meet Numeric Effluent Limits <i>Megan Otto (UCLA, USA)</i>
	Water Retention and Pollutant Loading in the Ballona Creek Rain Garden (Los Angeles County) <i>Jamie Burkhard/John Dorsey (Loyola Marymount University, USA)</i>	The Uncertainty of Groundwater Recharge Through Stormwater <i>Anthony D. Daus (GSI Environmental, USA)</i>	The Simulated Effect Variation of Different Low Impact Development Designs in SWMM and Smart Water <i>Yingxia Li (Beijing Normal university, China)</i>	Assessment of Soil Microbial Activity in LID Facilities Affecting Diffuse Pollutants Treatment <i>Jungsun Hong (Kongju National University, Korea)</i>
	Optimizing Biofilter Design for Nutrient Removal in Semi-arid Areas <i>Bonnie Glaister (Monash University, Australia)</i>	Managing Stormwater Through Infiltration – an Alternative Approach for Measuring TMDL Compliance for Industrial Discharge <i>Timothy S. Simpson (GSI Environmental, USA)</i>	Simulation of Long-term Monitored LID Facilities Using SWMM <i>Jawara Christian Alihan (Kongju National University, Korea)</i>	Transport of Chemical Pollutants Through the Intergranular Urban Aquifer <i>Branka Trcek (University of Maribor, Slovenia)</i>
	The Role Stormwater Green Infrastructure Can Play in Enhancing Biodiversity and Ecosystem Services in Cities <i>Richard Ambrose (UCLA, USA)</i>	Separation of Continental Groundwater and River Water by Sheet Pile <i>Shinya Nakashita (Hiroshima University, Japan)</i>	A Game Theory Based Decision-making Model for Urban Runoff Management <i>Tong Wei (Beijing Normal university, China)</i>	Mechanism of Cesium Adsorption by Carbonized Rice Hull and Beech Sawdust <i>Asa Miura (University of Fukui, Japan)</i>
	Removal of <i>Fecal</i> Indicator Bacteria in Stormwater Biofilters: Design Innovations Based on Mechanistic Studies <i>Sanjay Mohanty (UCLA, USA)</i>	Iron Turning Waste as Sustainable Point-of-use Water Filtration Media for Treatment of Groundwater <i>Tauqeer Abbas (North Dakota State University, USA)</i>		Test-bed Performances of Permeable Pavements to Control Runoff Under Artificial Precipitation <i>Jae-Cheol Lee/ Hyun-woo Kim (Chonbuk National University, Korea)</i>

Wednesday August 16<sup>th</sup>, 2017



	Legacy A	Legacy B	Illumination	Enlightenment
13:30 – 15:00	<b>Chair: Madelyn Glickfeld</b>	<b>Chair: Michael K. Stenstrom</b>	<b>Chair: FumiYuki Nakajima</b>	<b>Chair: Kenneth Schiff</b>
	Green Infrastructure - How Well Do These Techniques Stand the Test of Time <i>Tom Liptan (LIVE Center, USA)</i>	How UN Global Goals on Water Could be Implemented in the Lower Mekong Basin Countries? <i>Binaya Raj Shivakoti (Institute for Global Environmental Strategies, Japan)</i>	Estimation of Nitrogen Loadings from Forest Area in Watershed of Hiji River, Japan by using the IFAS <i>Shohei Morisawa (Osaka Institute of Technology, Japan)</i>	Source, Fate, and Transport of Cryptosporidium in a Watershed in the Midwestern United States <i>Eakalak Khan (North Dakota State University, USA)</i>
	An Engineering-economic Optimization Assessment for Urban Water Markets: Los Angeles, California <i>Nicholas Chow (UCLA, USA)</i>	Regulating Oil and Gas Facility Stormwater Discharge <i>Khadeeja Abdullah (UCLA/California State Fullerton, USA)</i>	Modeling Water Quality Trends. How Crop Choices Undermine P Emission Control Measures in Austria <i>Ottavia Zoboli (TU Wien, Austria)</i>	Bacterial Composition and Structure in a Stormwater Runoff from Mixed and Urban Land Use Catchment <i>M. A. Paule-Mercado (Myongji University, Korea)</i>
	Challenges and Opportunities to Treat Non-Point Source Pollution Using Low Impact Development and Green Infrastructure at the Watershed Scale <i>Neil Weinstein (The Low Impact Development Center, Inc., USA)</i>	Exploring the Water-Energy Nexus in China: The Electricity Use for Water Produce <i>Yong Zhao (China Institute of Water Resources, China)</i>	Bioavailability of Phosphorus Emissions and Loadings in Surface Water of Germany <i>Markus Venohr (IGB-Berlin, Germany)</i>	Variability of Fecal Indicator Bacteria and Total Suspended Solids in Stormwater Runoff <i>M. A. Paule-Mercado (Myongji University, Korea)</i>
	Solving Stormwater <i>Lori Blair (Boeing, USA)</i>	Diffuse Pollution and Its Impacts on Water Governance: Case Studies from the Caribbean of Costa Rica <i>Gabriela Cuadrado-Quesada (UNESCO-IHE, Netherlands)</i>	Predicting Water Quality Changes in a Drinking Water Reservoir Influenced by the Water Transfer <i>Xuyong Li (Chinese Academy of Sciences, China)</i>	
	Introduciton of Korea GI & LID Center with Monitoring Verification &Experiment Test-Bed <i>Hyunsuk Shin/Yuihyuk Yoon (Pusan National University, Korea)</i>	Going with the Flow: Exploring the Effectiveness of Social Norms as a Water Saving Strategy <i>Elaine Gallagher (University of Bath, UK)</i>		

## Poster Session



1. Consideration for Demonstration of Up-Flow Filtering BMP Devices in Nonpoint Source Pollution Management  
*Sungmin Cha (Korea)*
2. Wastewater Treatment by Floating Macrophyte (Salvinia Natans) Under Algerian Semi-Arid Climate  
*Laabassi Ayache (Algeria)*
3. Ballasted Hydrocyclone Flocculation and Filtration System for Treatment of Stormwater Runoff  
*Junho Lee (Korea)*
4. Development of the Hybrid Type of Stormwater Runoff Treatment Filtration System and Backwashing System  
*Junho Lee (Korea)*
5. Characteristics of Nonpoint Source Pollution in Korea  
*Taehyo Im (Korea)*
6. Development of BMPs for Management of NPS from Railway Bridges  
*Kyungik Gil (Korea)*
7. How Do the Surface Roughness Affect the Road Sediment Build-up and Wash-off Process?  
*Hongtao Zhao (China)*
8. Concentrations, Distribution, and Correlations of Metals in Road Dusts in Urbanized Area of Beijing  
*Ruimin Liu (China)*
9. Impact of Spatial Pattern and Arrange of Land Uses on Water Quality in Xin'An River Basin, China  
*Ying Wang (China)*
10. Morphology and Physiological Response of Different Tissues in Juvenile Grass Carp to TAN Stress  
*Jingtao Xu (China)*
11. Production and Characterization Biofloculant Produced by Acinobacter Iwoffii JH-6  
*Juhyun Park (Korea)*
12. Water Quality Improvement Efficiency Evaluation in SSFW with Denitrifying Microorganisms  
*Seohee Kim (Korea)*
13. Environmental Response to Construction of Sewage Treatment Plant in Jinhae Bay, Korea  
*Kyeongmin KIM (Korea)*
14. Biological Control of Toxic Cyanobacteria  
*Luyanda Nallela (South Africa)*
15. N<sub>2</sub>O Emission in Response to the Benthic Boundary Oxidation Layer of Rooted Emergent Macrophytes Growing in Wetlands Sediments  
*Xiaozhi Gu, Kaining Chen (China)*
16. Control of Nitrogen and Phosphorus from Lake Sediments by a Submerged Plant: Vallisneria Spiralis L.  
*Nan Geng (China)*
17. Estimation of Chlorophyll-*a* and TSI for a Small Reservoir Using Landsat 8  
*Maryam Ghashghaie (Iran)*
18. A Study on the Risk of Microcystin in Water Using the Analysis of Zebrafish Behavior and Lipidomics  
*Yoonsoo Lim (Korea)*
19. Development of Risk Index and Environmental Risk Map: Preparation for Chemical Accidents  
*Ji-Hoon Seo (Korea)*
20. Carbon Loss of Grassland Resulted from Different Levels of Drought  
*Tianjie Lei (China)*
21. Establishing and Utilizing a Localized Flood Vulnerability Index  
*Marc Sinan Azotea (Korea)*
22. Analysis of Flood Risk using the Physics-based Distributed Rainfall-runoff Model  
*Junyeong Kim (Korea)*
23. Bacteria Removal Characteristics of Bioretention-soil (BRS) for LID Tree Filtration Box  
*Joonil Ko (Korea)*
24. Evaluation of Non-Point Source Reduction Efficiency of LID  
*Sunghoon Hong (Korea)*
25. Nutrients Removal Technology for an Eco-friendly River System  
*Sangleen Yun (Korea)*
26. Analysis of Adaption Architectural LID Zone in Korea GI&LID center using K-LIDM  
*Youngsu Jang (Korea)*
27. Development of Pilot-scale Reduction Facility of Nonpoint Source Pollutants Using ACS  
*SiHyeon Lee (Korea)*
28. The Effect of a Retention Board on the Behavior of Soil Moisture Content in a Green Roof  
*Saerom Yoon (Korea)*
29. Riser Optimization in Designing of Infiltration Trench Using K-LIDM  
*Jongpyo Park (Korea)*
30. Evaluation on the Applicability of Natural Filter Media to LID Technologies  
*Minsu Jeon (Korea)*
31. Seasonal Variation on Treatment Performance of Bioretention Systems Planted with Woody Species  
*Hyeseon Choi (Korea)*
32. Modeling Long-term Impacts of LID Practices on Water Quality in Deer Creek Watershed, Missouri  
*Esther Mosase (USA)*
33. Evaluation of an Urban Hybrid Constructed Wetland Using SWMM  
*Jawara Christian Alihan (Korea)*
34. Parameter Uncertainty Assessment of a Non-Point Source Phosphorus Loss Indicator by GLUE Approach  
*Jingjun Su (China)*
35. Watershed Pollution Load Simulation Modeling in a Semiarid Catchment  
*Yan Jiang (China)*
36. Feature Extraction of Phytoplankton Blooms in Nakdong River Using Decision Tree Algorithm  
*Yejin Kim (Korea)*
37. Construction of the SWMM for Predicting Nonpoint Source Pollution from a Small Urban Catchment  
*Lei Chen (China)*
38. Model-based Waste Allocation Strategies and TMDL System for River Water Quality Management  
*Chihhao Fan (Taiwan)*
39. Identification of Factors Associated with Norovirus Contamination in the Environmental Media Based on Spatial Analysis  
*Jin Hwi Kim (Korea)*
40. Micro-algae Control Evaluation Using Coagulation and Float Separation System  
*Hye-cheol Oh (Korea)*
41. Nutrients Removal in Hybrid Constructed Wetland Treating Stormwater Runoff  
*Gurung Sher Bahadur (Korea)*
42. Removal Mechanism of Antibiotics in the Constructed Wetlands  
*Kyung-Duk Zoh (Korea)*
43. Polypropylene Surface with Antibacterial Property by Photografting 1-vinylimidazole  
*Hyunwoo Kim (Korea)*
44. Exploration of Biomarkers in a Benthic Amphipod for Toxic Chemicals in Road Dust Using cDNA-AFLP  
*Fumiyuki Nakajima (Japan)*
45. Field-evaluation of a Self-flow-controlling Filter with Polymeric Media for Removal of Emerging Substances in Urban Expressway Runoff  
*Kangwoo Cho (POSTECH, Korea)*
46. Evaluation of Nutritional Contents in Monoculture and Agroforestry Systems in the Itaparica Region  
*Marilia Regina Costa Castro (Brazil)*
47. Water Quality and Water Column Properties Impact Offshore Aquaculture Development by Influencing Pro  
*Meng-Chen Lee (USA)*
48. GIS Analysis of Groundwater Quantity in California's Central Valley  
*Yalin Mao (USA)*
49. Identifying Potential Areas for River Restoration on Ballona Creek, California  
*Kris Skinner (USA)*
50. Assessing the radar rainfall data in watershed-scale water quality model  
*Joon Ha Kim (Korea)*
51. Performance Evaluation of TiO<sub>2</sub> and WO<sub>3</sub>-TiO<sub>2</sub> Coated Zeolite and Pervious Block in Removing NOx  
*Joseph Albert Mendoza (Korea)*
52. Function of Biofilm on Nitrogen Removal from landfill leachate in Anammox System  
*Lei Miao (China)*