

Part I Conference Schedule

June 14 ~ June 16, 2009

09:00-20:00	Registration	Location: Lobby, Friendship Palace, Beijing Friendship Hotel, Beijing
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Note: You can register at any time during the conference

Monday Morning, June 15

Time	Activity	Location: 2 nd floor, Ju Ying Ting in Friendship Palace, Beijing Friendship Hotel
08:30-09:00	Opening Ceremony	
09:00-09:45	Plenary Speech 1: <i>Combining Data and Numerical Modeling for Improving the Predictive Ability of Ecosystem and Water Quality Model of the Chesapeake Bay and Virginia Tributaries, USA</i> , Prof. Jian Shen , College of William and Mary, USA	
09:45-10:30	Plenary Speech 2: <i>Environment and Human Health: Integrating Scientific Developments into Practical Environmental Applications for the Improvement of Human Health</i> , Dr. Yue Ge , US Environmental Protection Agency, USA	
10:30-10:50	Coffee Break	
10:50-11:35	Plenary Speech 3: <i>The 21st Century Water Quality, Safety and Monitoring Issues</i> , Prof. George Zhaoguang Yang , Centre for Advanced Water Technology, Singapore Public Utilities Board, Singapore	

Monday Noon, June 15

12:00-13:30	Lunch	Location: 1 st floor, restaurant in Friendship Palace, Beijing Friendship Hotel
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Monday Afternoon, June 15

Time	Activity	Location (1 st floor, Beijing Friendship Hotel)
14:00 - 15:30	Oral_1: Modeling and Measuring of Water Pollution	Room 1 in Meeting Hall
	Oral_2: New Wastewater Treatment Technologies	Room 2 in Meeting Hall
Coffee Break	Oral_3: Treatment, Disposal and Discharge of Wastewater	Room 3 in Meeting Hall
	Oral_4: Methods of Monitoring Water Quality	Room 4 in Meeting Hall
15:50 – 17:30	Oral_5: Water Purification and Water Supply	Room 5 in Meeting Hall
	Oral_6: Water Resources and Quality Assessment	Room 6 in Meeting Hall

Monday Evening, June 15

18:30-20:30	Welcome Banquet	Location: 2 nd floor, Ju Ying Ting in Friendship Palace, Beijing Friendship Hotel
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Tuesday Morning, June 16

Time	Activity	Location (1 st floor, Beijing Friendship Hotel)
08:00 - 09:30	Oral_7: Treatment, Disposal and Discharge of Wastewater	Room 1 in Meeting Hall
	Oral_8: Environmental Toxicology	Room 2 in Meeting Hall
Coffee Break	Oral_9: Solid Waste Management	Room 3 in Meeting Hall
	Oral_10: Air Pollution	Room 4 in Meeting Hall
09:50 – 11:30	Oral_11: Air Quality Measurement and Management	Room 5 in Meeting Hall
	Oral_12: Other Issues Related to Environmental Pollution	Room 6 in Meeting Hall

Tuesday Noon, June 16

12:00-13:30	Lunch	Location: 1 st floor, restaurant in Friendship Palace, Beijing Friendship Hotel
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Tuesday Afternoon, June 16

Time	Activity	Location (2 nd floor, Beijing Friendship Hotel)
14:00-15:00	Poster_1: Air Pollution and Chemical Pollutants	Building No.1, Beijing Friendship Hotel
15:00-16:00	Poster_2: Water Treatment and Quality	
16:00-17:00	Poster_3: Water Resource and Other Issues	

Part II Invited Plenary Speeches

Plenary Speech: Combining Data and Numerical Modeling for Improving the Predictive Ability of Ecosystem and Water Quality Model of the Chesapeake Bay and Virginia Tributaries

Speaker: Prof. Jian Shen, College of William and Mary, USA

Time: 09:00-09:45, June 15, 2009

Location: 2nd floor, Ju Ying Ting in Friendship Palace, Beijing Friendship Hotel



Abstract:

The Chesapeake Bay and its tributaries endure pollution stress from the air, water and land. Excessive nutrient pollution fuels algae blooms that affect water quality and aquatic life. Hypoxia and anoxia happen more often during the summer. Fish kill often occurs following high runoff and storm events. The ecosystem restoration is the top priority for the Chesapeake Bay. To assess and predict the status of the Bay restoration, the Estuarine and Coastal Modeling Group of the Virginia Institute of Marine Science (VIMS) is currently endeavoring to develop a water quality prediction modeling system for the Bay and its Virginia tributaries. The model links watershed loadings and inputs from the coastal sea and interfaces with the atmosphere and the bottom sediment. To fulfill the requirement of high model resolution in the regions of complex geometry and shallow tributary estuaries and improve the modeling efficiency, the nested grid approach is implemented in the modeling system to provide the flexibility for using the model to access multiple scale problems. VIMS scientists are currently improving the predictive ability of the model by implementing data assimilation techniques to combine the wealth of newly available biological and pollutant observations with numerical models in order to constrain the rate parameters required for the quantification of key biogeochemical processes, and to determine poorly constrained discharges of point and nonpoint sources. Model test case studies indicate that model prediction ability can be improved substantially by combining of wealth of newly available observations with the numerical model. With the use of observations, the model has the potential to evaluate pollutant sources and their contributions for the attainment of water quality standards for the system.

Plenary Speech: Environment and Human Health: Integrating Scientific Developments into Practical Environmental Applications for the Improvement of Human Health

Speaker: Dr. Yue Ge, US Environmental Protection Agency, USA

Time: 09:45-10:30, June 15, 2009

Location: 2nd floor, Ju Ying Ting in Friendship Palace, Beijing Friendship Hotel



Abstract:

The simplest way to assess the environmental pollution status is to carry out chemical analysis of air, water, soil, biological extracts and other environmental samples. However, the natural environment contains more than 10000 synthetic chemicals generated from industry, agriculture, transport and other human activities. These environmental chemicals pose a potential threat to human health and make meaningful assessment of their toxic effects a big challenge as well. The complexities of these chemicals can be increased further by processes acting on chemicals once in the environment. Given the large number and complexity of environmental chemicals or pollutants, chemical analysis alone may not offer meaningful assessment of the pollution status of a particular ecosystem, and complex environmental pollution problems can not be solved either by modern environmental engineering or technology alone. Integration of a variety of environmental sciences including basic environmental research, environmental engineering, ecology, and management on social and economic activities will provide effective solutions to complex environmental problems. My presentation will focus on the development of advanced biological approaches and tools especially environmental OMICS (primarily proteomics) and bioinformatics methodologies, and their applications to analysis of animal and human samples exposed to a variety of environmental chemicals for a better understanding of toxic mechanisms and for screening, categorizing, prioritizing and toxicity testing of environmental chemicals. In addition, I will also discuss their possible use in monitoring environmental pollution and detecting the effects of environmental pollution on human health. Some typical examples on integration of environmental science and technology into practical applications to human health risk assessment will be presented.

Plenary Speech: The 21st Century Water Quality, Safety and Monitoring Issues

Speaker: Prof. George Zhaoguang Yang, Centre for Advanced Water Technology, Singapore

Time: 10:50-11:35, June 15, 2009

Location: 2nd floor, Ju Ying Ting in Friendship Palace, Beijing Friendship Hotel



Abstract:

Water resources are extremely important for the 21st century. Today, there are more and more pollutants discovered in rivers, lakes, and groundwater etc. There are approximately 35,000 different types of pesticides and poisons used throughout the world and as a result drinking water has been widely contaminated. To be considered a safe and acceptable source of drinking water, reservoir and river waters must be free from contaminants that present an acute health risk and also meet the acceptable levels of chronic health toxicities. Hence, water quality, safety, and its monitoring process are key factors for human health.

Water quality standards are the basis for protecting and regulating the quality of surface and drinking waters in different countries. For surface waters, such standards are benchmarks established to assess whether the quality of rivers and lakes is adequate for drinking, agriculture, industry and other uses.

Well equipped analytical laboratories managed by highly qualified personnel are required for testing water quality. Organic, wet chemistry, trace element, and microbiology tests are carried out in the lab. Recently, new instruments and developed advanced methodologies provide improved capabilities for detecting large numbers of newly discovered and potentially harmful contaminants in water at very low levels.

This presentation will discuss the details of water quality, safety, and monitoring technologies including the areas of organic, inorganic, microbiology and biology.

Part III Oral Sessions

Monday Afternoon, June 15

Oral_1: Modeling and Measuring of Water Pollution

1st floor, Room 1 in Meeting Hall, Beijing Friendship Hotel Time: 14:00-17:30, June 15

Paper ID	Paper Title	Author	Affiliation
25489	Numerical Study on the Time of Water Exchange and the Variation of Pollutants' Concentration in Bohai Bay under the Effect of M2 Constituent	Yue Wang	Ocean University of China, China
20675	Disposal of arsenic wastewater by polysilicate metal sulfates in power plant	Qiangwei Li	North China Electric Power University, China
20368	Study on Reducing Leachate Production by Saw Powder Adding	Yin Jun	Harbin Institute of Technology, China
20015	Development of Modeling Subsystem in Comprehensive Rehabilitation DSS of Suzhou Creek	Zhenliang Liao	Tongji University, China
20972	Determination of Triclosan in Wastewater Using Solid Phase Extraction and High Performance Liquid Chromatography with Ultra-Violet detection	Xue-fei Zhou	Tongji University, China
20422	Model-Based Method to Establish Total Pollution Load Control Objective for Looped River Network	Siyu Zeng	Tsinghua University, China
20128	Using firm-level adjustment model to explore the spatial effect of industrial water pollution regulation	Nan Zhao	Tsinghua University, China
20565	The tidal flow and dilute diffusion of COD at Quanzhou Bay	Jingui Liu	Hohai University, China
25238	Modeling the biomanipulation in eutrophic shallow lakes	Peng Hong	Wuhan University, China
20494	Seasonal changes of nutrient concentrations and phytoplankton biomass in a shallow agricultural pond	Feipeng Li	Tongji University, China

Oral_2: New Wastewater Treatment Technologies

1st floor, Room 2 in Meeting Hall, Beijing Friendship Hotel Time: 14:00-17:30, June 15

Paper ID	Paper Title	Author	Affiliation
20385	Decolorization of azo dyes wastewater by electrochemical oxidation	Hao Xu	Xi'an Jiaotong University, China
20797	Effect of base catalysts on hydrothermal conversion of glycerin	Zheng Shen	Tongji University, China
25189	Study on Extraction and Purification of Biofloculant Produced by Biofloculant-producing Bacterium F6	Jie Xing	Harbin Insititue Technology, China
25270	Comparative Experimental Research on Oily Wastewater Treatment by Hydrocyclones in Series	Minghu Jiang	Daqing Petroleum Institute, China
20499	Analysis of Influence on Suspended Solids of Sewage to Running of Moderate Opposite Angled Flap Anaerobic Baffled Reactor	Peng Ju-wei	Jilin Architectural and Civil Engineering Institute, China
25157	Preliminary Study of Enhanced Removal of Phosphate by Iron Oxides Formed in situ through Reducing Fe (VI) with Fe (II)	Weichao Ma	Harbin Institute of Technology, China
25426	The Principal and Full-Scale Application of Reversed A2/O Process for Removing Nitrogen and Phosphorus from Municipal Wastewater	Xuejun Bi	Qingdao Technological University, China
25094	Disinfection of Sewage Sludge Using Microwave Enhanced Advanced Oxidation Process	Yang Yu	University of British Columbia, Canada

Paper ID	Paper Title	Author	Affiliation
20431	Treatment of synthetic wastewater by combining submerged MBR technology and aerobic granular technology	Yu Lan Wang	Harbin Institute of Technology, China
25139	Rapid Achievement of Nitrogen Removal via Nitrite and Nitrifying Communities transfer by Process Optimization	Lingyun LI	Beijing University of Technology, China
25303	Perchloroethene and Chromium Removal from Humic Acid-containing Groundwater by Zero-Valent Iron Systems	Daniel Tsang	University of Canterbury, Christchurch, New Zealand

Oral_3: Treatment, Disposal and Discharge of Wastewater

1st floor, Room 3 in Meeting Hall, Beijing Friendship Hotel Time: 14:00-17:30, June 15

PaperID	Paper Title	Author	Affiliation
21004	A Full-Scale Study On Phosphorus Removal From Biological A/O Process Enhanced By Zeolite*	Guan-Wen Cheng	Guilin University of Technology, China
20939	Phosphorus Removal through Phosphate Bio-reduction of an Anaerobic Squencing Batch Reactor in Treating Preserved Pickle Wastewater	Jian Zhou	Chongqing University, China
25086	An Approach to Performance Assessment System for WWTPs with Emphasis on Energy Saving and Chemicals Consumption Reduction	Lingbo Yang	Tsinghua University, China
25209	Promotive effect of pyridine on the biodegradation of isoquinoline by activated sludge under denitrifying conditions	Lin Wang	Tongji University, China
20624	Effect of Enhanced Coagulation with Diatomite on the treatment of oilfield produced water	Lihua Cheng	Qingdao Technological University, China
20965	Photocatalytic degradation of crystal violet using prepared bismuth titanate mixed oxide	Jia Liu	Beijing Normal University, China
20407	Mesophilic two-phase anaerobic digestion of waste activated sludge with different VS contents	Liguo Zhang	South China Normal University, China
20979	Numerical Simulation and Experimental Study on Helical Pipe Oil-Water Separator For Deoiling	Lixin Zhao	Daqing Petroleum Institute, China
20690	Study of treatment of oil pollution from water with electro-Fenton technology	Jin Zhang	Dalian Maritime University, China
21006	Removal of Polycyclic Aromatic Hydrocarbons by the Membrane Improved with Cyclodextrine	Jianping Huang	Donghua University, China
25379	Advanced treatment of dyeing wastewater by biological aerated filter-ozonizing-biological aerated filter processes	Daning Li	South China University of Technology, China

Oral_4: Methods of Monitoring Water Quality

1st floor, Room 4 in Meeting Hall, Beijing Friendship Hotel Time: 14:00-17:30, June 15

Paper ID	Paper Title	Author	Affiliation
20408	Effect of pH on reduction of nitrobenzene in groundwater by zero-valent iron	Lei Liu	South China University of Technology, China
25421	Optimization and Application of dispersive liquid-liquid microextraction for decaBDE in water samples	Yinghong Jian	Jilin University, China
20081	An efficient Microbial Membrane With Bacillus subtilis Applied in BOD biosensor	Jie Li	Qingdao Technological University, China

Paper ID	Paper Title	Author	Affiliation
20587	Optimization of Solid Phase Extraction (SPE) for the determination of Synthetic Musks in water by Gas Chromatography-Mass Spectrometry (GC-MS)	Wenjing Sang	Tongji University, China
20172	Preliminary Production and Characterization of Anti-Monocrotophos Monoclonal Antibody	Ying Xia	Huazhong Normal University, China
20177	Synthesis and Identification of Benzoic Acid Artificial Antigen	Wei Zhao	Huazhong Normal University, China
20467	THMs in Re-chlorinated Drinking Water	Jingmei Sun	Tianjin University, China
20808	A Study on Anaerobic Biodegradation of BTEX in Soil	LI Jianzhong	Tsinghua University, China
20601	Comparison of Off-line and On-line Solid Phase Extraction and High Performance Liquid Chromatographic Analysis of Polycyclic Aromatic Hydrocarbons (PAHs) in Water	Zhu Li	Tongji University, China
20714	Analysis on the Lake Water Pollution Components Based on Normal Quality Monitoring Data	Bo Li	Beijing Normal University, China

Oral_5: Water Purification and Water Supply

1st floor, Room 5 in Meeting Hall, Beijing Friendship Hotel

Time: 14:00-17:30, June 15

Paper ID	Paper Title	Author	Affiliation
20867	Impacts of Typical Amino Acids on HAAs Formation	Hui Tao	Hohai University, China
25025	Numerical Simulation and Improvement Measures of Water Quality in Yangshapao Lake	Changlai Xiao	Jilin University, China
20097	Experimental Study on Inactivation of Copepod with Current Available Oxidants	Lin Tao	Hohai University, China
25467	Reasons of Water Quality Variation and Eutrophic of a New Reservoir	Cuiling Jiang	Hohai University, China
20936	The Research on Removing Cyclops of Zooplankton in Raw Water by Purification Process Combined with Pre-oxidations	ZHANG Min	Harbin Institute of Technology, China
21002	Removal of High Fluoride from Drinking Water Treated by New Type Fly Ash Filter Material	Jinfeng Xue	Wuhan University, China
25074	Removal of Particles from Water Using Dissolved Air Flotation	Fang Liu	Harbin Institute of Technology, China
20780	Atrazine degradation in solar irradiation/ S-doped titanium dioxide treatment	LIU Cheng	Hohai University, China
25071	Removal of As(V) and As(III) from aqueous solution using hydrous ceric oxide	Tong Ouyang	Xiamen University, China
20073	Pilot Scale Experiment of OzonationBAC Process for the Treatment of Drinking Water in China	Shihu Shu	Harbin Institute of Technology, China

Oral_6: Water Resources and Quality Assessment

1st floor, Room 6 in Meeting Hall, Beijing Friendship Hotel

Time: 14:00-17:30, June 15

Paper ID	Paper Title	Author	Affiliation
25477	Numerical Study on the Evolution Process of Polluted Water Cluster in Gonghu, Taihu Cuiping Kuang Lake		Tongji University, China
25254	Understanding Water Perceptions in Limpopo Province: A Photovoice Community Assessment	Tim Cunningham	University of Virginia, USA
25158	Numerical Study to Choose the Optimum Narrowing Schemes for Protecting Water Source in the South Branch of the Changjiang Estuary	GU Jie	Shanghai Ocean University, China

Paper ID	Paper Title	Author	Affiliation
20548	Analysis of Different Data Standardization Forms for Fuzzy Clustering Evaluation Results' Influence	Haofang WANG	Shandong University, China
20350	Trend analysis and assessment of surface water quality in the Yangzhou reach of JingHang Canal	Guizhi Gao	Nanjing University of Information Science and Technology, China
25423	Adsorption of Phosphate from Aqueous Solution by Titanium Pillared Bentonites	Yuanyuan Xu	University of Jinan, China
20582	Study on the Discharge Pollutant Load Characteristic of Disordered Drainage System in Rainy Day	Zu-xin XU	Tongji university, China
20902	Study on the Flow Pattern of Downhole Oil-Water Separator with Different Inlet Patterns	Zunce Wang	Daqing Petroleum Institute, China
25412	Effects of pressure and pretreatment by permanganate/PAC/coagulant on algae-rich water treatment with UF (ultrafiltration) membrane process	Lijun Yu	Harbin Institute of Technology, China
25208	Investigation of Trace Heavy Metal Transportation in Urban WWTP	Kang Dejun	Xi'an University of Architecture and Technology, China
25245	A coupled water quality-quantity model for water resource allocation	Peng Hong	Wuhan University, China
20869	Treatment of Highway Runoff with Soil Infiltration System	Qiuxiao Yin	Tongji University, China

Tuesday Morning, June 16

Oral_7: Treatment, Disposal and Discharge of Wastewater

1st floor, Room 1 in Meeting Hall, Beijing Friendship Hotel

Time: 08:00-11:30, June 16

Paper ID	Paper Title	Author	Affiliation
20419	Integrated Fenton Oxidation Process for Advanced Treatment of Biologically Treated Coking Plant Effluent	Wenxin Jiang	Tianjin Research Institute of Water Transport Engineering, China
20583	Modeling An Anaerobic Reactor with An Outside Recycling Line for Municipal Wastewater Treatment by Modified Anaerobic Digestion Model No. 1 (ADM1)	Xuefei Zhou	Tongji University, China
20364	Sorption and Biodegradation of 17 β -estradiol by Acclimated Activated Sludge under Anaerobic Conditions	Qingling Zeng	Tongji University, China
25456	Ecological and Landscape Effects of Ditches on Farmland Ecosystem	Liqin Zhu	Hohai University, China
25154	Effects of Estrogen Contamination on Human Cells: Modeling and Prediction based on Fadi Ibrahim Michaelis-Menten Kinetics		University of Alberta, Canada
20562	MERCURY AND LEAD ACCUMULATION, ELIMINATION AND DISTRIBUTION IN ZEBRAFISH (BRACHYDANIO RERIO) IN THE SITUATION OF WITH OR WITHOUT SEDIMENT	Bi-jie HUANG	Nankai University, China
20487	Chloroform Dechlorination in Aqueous Solution on Palladium-Nickel/Polymeric Pyrrole Film Modified Titanium Electrode	Zhirong SUN	Beijing University of Technology, China
25447	Comparative performance between a novel aerobic granular sludge membrane bioreactor and a conventional activated floc sludge membrane bioreactor	Yu-Lan Wang	Harbin Institute of Technology, China
20747	Experiment Study on Secondary Startup of EGSB Reactor	Xuebin Jia	Harbin Institute of Technology, China
20711	Study on Biodegradation of Azo Dye by Thermophilic Anaerobic Process	Xiang Hu	Beijing University of Chemical Technology, China
25084	Nitrogen and Phosphorus Removal from Eutrophic Surface Water by Constructed Multi-media Floating Islands	Shaoyuan BAI	Graduate University of Chinese Academy of Sciences, China

Paper ID	Paper Title	Author	Affiliation
20511	Water quality health and hazard risk assessment on Drinking Water Sources	Lianqing Xue	Hohai university, China

Oral_8: Environmental Toxicology

1st floor, Room 2 in Meeting Hall, Beijing Friendship Hotel Time: 08:00-11:30, June 16

Paper ID	Paper Title	Author	Affiliation
20175	Inhibitive Effects of Lipoic Acid on the DNA-protein Crosslink Induced by Formaldehyde in Mice Liver	Si-si Liang	Huazhong Normal University, China
20237	Potential roles of ROS and NF- κ B in TNF- α release in rat alveolar macrophages exposed to single-walled carbon nanotubes	Zhang Qiqing	Xiamen University, China
20183	The Cytotoxicity and OS-mediated Toxicity of One Nanosize Titanium Dioxide	Xiao-yu Xu	Huazhong Normal University, China
20241	Fe-deficiency induces low molecular weight organic acids exude at different cadmium concentrations	Tong Bao	Chinese Academy of Sciences, China
20169	Artificial Antigen Synthesis and Antibody Production for Di(2-ethylhexyl) phthalate	Chen-xi Wei	Huazhong Normal University
20170	Detection of Biocompatibility between Nano-Layered Double Hydroxides and Hela Cells	Dan-dan Liu	Huazhong Normal University, China
20179	Study on the Mechanism of Oxidative Damage and Genotoxicity induced by BBP in Hepatic cells of Mice	Jing Guo	Laboratory of Environmental Sciences, China
20173	Exposure of Hela Cells to Serum Results in Increased Cellular Thiol Concentration and Formaldehyde-induced DNA-Protein Crosslink	Lin Xiao	Huazhong Normal University, China
20855	Effects of calcium sulfite on retarding of cement	Ren Ailing	Hebei University of Science and Technology, China
20174	Effects of Di-(2-ethylhexyl) Phthalate on Root Tips of Vicia faba Seedlings	Qing Chang	Huazhong Normal University, China
20180	Acute Toxicity of Suspension of Nanosized Silicon Dioxide Particles to Daphnia Magna	Bing Han	Huazhong Normal University, China
20454	Genotoxic effects of Microcystin-LR in Mammalian cells	Pei Huang	Key Laboratory of Ion Beam Bioengineering, China

Oral_9: Solid Waste Management

1st floor, Room 3 in Meeting Hall, Beijing Friendship Hotel Time: 08:00-11:30, June 16

Paper ID	Paper Title	Author	Affiliation
20824	Evaluation of rational solid waste abatement of regions in China	Lei Shi	Renmin University of China, China
20267	Effects of Chelators on Species and Bioavailability of Cadmium in Soil to Daucus carota var. sativa and Brassica juncea var. multiceps	Mingxia Zheng	Beijing University of Chemical Technology, China
20315	Assessment Model for Volatilization by Organic Compounds in Vadose Zone Soil	Liangang Chen	Nanjing University, China
25466	Cement/activated-carbon Solidification/stabilization Treatment of Phenol-contained Soil	Zhaoji Su	Tsinghua University, China
20519	Deriving an Ecological Risk Assessment Criterion Concentration for Populations with Seasonal Variation--Reconsidering and improving the algorithm	Yaobin Meng	Beijing Normal University, China
20575	Inhibition Effect of Short-chain Organic Acids on Populations of Mesophilic and Thermophilic Bacteria in a Simulated Food Waste Composting Process	Yu Li	North China Electric Power University, China

Paper ID	Paper Title	Author	Affiliation
25338	Adsorption characteristics of cadmium from aqueous solutions by acid-treated oil shale ash	Tong Su	Dalian University of Technology, China
20659	Studies on characteristics of semi-dry FGD ash from iron industry	Renping Liu	Hebei University of Science and Technology, China
20991	Study on Biomethane Inhibition Using Response Surface Methodology	Tiantao Zhao	Chongqing Institute of Technology, China
25221	Carbon pool change in forest ecosystem after harvest in Changbai Mountain, North-east of China	Lei Zhong	Chinese Academy of Sciences, China
20260	Human Health Risk Assessment on Drinking Water Safety in Rural area of Ya'an	Fu-quan Ni	Sichuan University, China.
25451	Emissions of SO ₂ , NO and NO ₂ in biogas incinerator during Solid Waste gasification	Ningbo Gao	Dalian University of Technology, China

Oral_10: Air Pollution

1st floor, Room 4 in Meeting Hall, Beijing Friendship Hotel Time: 08:00-11:30, June 16

Paper ID	Paper Title	Author	Affiliation
20669	Study on the Reaction Characteristics of Flue Gas Desulfurization by Magnesia	Lidong Wang	Tsinghua University, China
20827	Climate warming impact and adaptation activities of rice plantation in the Northeast China	Yuan Wang	Tianjin University, China
20854	Effect of Climate change on Spatial-temporal Distribution of Bacillary Dysentery in Gansu Province, China	Yuxia Ma	Lanzhou University, China
20154	Study on the Coal Combustion and Desulfurization Catalyzed by Nano- additives	Yi Zhao	North China Electric Power University, China
20608	Analysis and Case study of CO ₂ Removal Processes for Flue Gas of the Coal-fired Power Plant	Zhong-Zhu Qiu	Shanghai University of Electric Power, China
25305	The Performance of China's SO ₂ Scrubbers at Coal Power Plants	Yuan Xu	Princeton University, USA
20614	Study on Different Measurement Methods of Mercury Emission in the Coal-fired Power Station	Jiang Wu	Shanghai Univ. of Electric Power, China
25097	Effect of Amino-Desulphurization on the Concentration Retrieval of SO ₂	Chi Zhang	Tianjin University of Technology, China
25136	Support Vector Machine-based Prediction for Mercury Speciation in Combustion Flue Gases	Bingtao Zhao	University of Shanghai for Science and Technology, China
20202	Numerical Calculation on Fluidized Property and Flow Field in small-scale Fluidized Bed	Shu-qin WANG	North China Electric Power University, China

Oral_11: Air Quality Measurement and Management

1st floor, Room 5 in Meeting Hall, Beijing Friendship Hotel Time: 08:00-11:30, June 16

Paper ID	Paper Title	Author	Affiliation
20651	Environmental Performance Evaluation Methods of Urban Energy Utilization	Lei Wang	Beijing Normal University, China
20914	Attribute Recognition Model Based on Combination Weight to Evaluate the Air Quality of Underground Space	Yanqiang Di	China Academy of Building Research, China
20361	Characteristics and Temporal Variations of PAHs in PM _{2.5} from an E-waste Dismantling Area in Taizhou, China	Zeping Gu	Shanghai University, China

Paper ID	Paper Title	Author	Affiliation
20685	Study on the Preparation and Properties of the Moisture Retention Dust-depressor in YANGQUAN Coal Mine	Yukun Gao	University of Science and Technology Beijing, China
20420	The health impacts of air pollution and FDI in China:regional difference	Shaojun Xu	Zhejiang University, China
25134	Cytokine network of pulmonary fibrosis with linear differential model and meta-analysis	Hongsheng Gao	Medical College of CPAPF, China
20757	Photocatalytic Degradation of Toluene over Titanium Dioxide Thin Film	Wenjun Liang	Beijing University of Technology, China
25100	The Application of Extensional Theory and Matter-element Model in Indoor Environment Assessment	Furen Zhang	Chongqing Jiaotong University, China
20870	Air quality calculation in subway	Wu Wen-zhong	Tianjin University, China
25214	The research of the airborne microorganism concentrations at the specific outdoor sites of one senior high school during summer period	Chun-Chin Wang	Hungkuang University, Taiwan (China)
20828	Fog and Precipitation Chemistry in Nanjing, China	Chunsong Lu	Nanjing University of Information Science and Technology (NUIST), China

Oral_12: Other Issues Related to Environmental Pollution

1st floor, Room 6 in Meeting Hall, Beijing Friendship Hotel

Time: 08:00-11:30, June 16

Paper ID	Paper Title	Author	Affiliation
20590	Research on the Application of Environment Acceptable Modified Natural Macromolecule Based Drilling Fluid	Lihui Zheng	China University of Petroleum, China
20139	Study of removal effect and mutagenicity on Cyclops with oxidants	Jinlong Zuo	Harbin University of Commerce, China
20642	Occurrence and Removal of Fluoroquinolone Antibiotics in a Sewage Treatment Plant Lu Shi in Shanghai, China		Tongji University, China
20459	Smoking Probability and Cigarettes Consumption of Chinese People	Ke Chen	University of International Business and Economics, China
20450	Effects of 8.5 T Strong Static Magnetic Field on ATP Contents in Mammalian Cells	Guoping Zhao	Chinese Academy of Sciences, China
25425	Aerosol Size Distribution and Its Implication for Radiation Dose Estimation in a Copper Mine	Bo Chen	Fudan University, China
25217	Analysis about environmental factors of SARS epidemic: GIS-Based logical information method	Deng Ji-qiu	Central South University, China
20886	Environmental pollution and economic growth: A complex perspective	Zhonghua Cai	Beijing University of Chemical Technology, China
20437	Transmission Loss of Metallic Foams for the Local Resonance	Bao Huai-qian	Shandong University of Science and Technology, China

Part IV Poster Sessions

Tuesday Afternoon, June 16

Poster1: Air Pollution and Chemical Pollutants

2nd floor, Building No.1, Beijing Friendship Hotel

Time: 14:00-15:00

PaperID	Paper Title	Author
21001	First Application of Cowl in Semi-aerobic Landfill	DAN HAN
20985	Study on Low-toxicity Fire-retardant Treated Technology of Wood	TIAN Wen-li
20681	Determination of Trace Formaldehyde in Alcoholic Beverage by Chromotropic Acid Spectrophotometry	LI Yu-liang
20677	Theoretical Investigation of N-Nitrosation Mechanism of Amino Acids Mediated by N ₂ O ₃	Zhi Sun
25085	Effect on Markers of Oxidative Damage and Energy Metabolism in Blood Induced by TDI	Yu Lei
20655	The Simplified Distribution Model and Its Application for Annual Dry-bulb Temperatures	Xianping Liu
25018	An Analysis of Health Loss due to PM10 in the Counties in Central China	Jiuchang Wei
25065	Desulphurization Characteristics of Alkaline Wastes	Bin ZHENG
20661	Removal of NOX Emitted from Nitric Acid Production with Biological Packing Tower	Guo Bin
20989	A process for the production of Zn powder by alkaline treatment of brass smelting ash at industrial scale	Jiachao Jiang
20650	Simulation of Outlet Hot Gas Withdrawal from a Reverse Flow Reactor for Thermal Oxidation of Lean Methane	Ruixiang Liu
25153	Isolation and characterization of dimethoate degrading phytopathogen fungus from soil	Jiehong Zhao
20966	Effects of Lead Ion on the Mung Bean Seedling Root	Yong-jie Shan
21005	Lipase catalyzed synthesis of ethyl lactate	Huang Zhihong
25201	Function Analysis of Organophosphate Pesticides Hydrolase	Deli Liu
25089	Modified Technology of Dimensional Stability of Eucalypt Wood based on Non-toxic Chemical Pollution	Qing Zhi-yong
20414	The Effects on Solubility of PCP by Sunflower (Helianthus Annuus) Root Exudates in Different Environmental Conditions	Ping Guo
20766	A potential useful method for calculating relative safety index of nanoparticles	Cenchao Shen
20751	Application of a Health Risk Classification Method to Assessing Occupational Hazard in China	Deyin Huang
25012	Adsorption behaviors of heavy metal ions by steel slag-An industrial solidwaste	Shengyu Liu
20302	Influence of Inorganic Salts on cadmium Adsorption By Montmorillonite and Illite in alkaline conditions	Zuwei WANG
25079	Laboratory Study on Composting of Soil with Combined Pollutants of Phenanthrene and Lead	Qiuya Niu
25334	Design of an Integrated Modeling System for Environmental Research	Zimin Zhang
25281	Factors affecting the bioaccessibility of polychlorinated biphenyls using in vitro test	Yingxin Yu
20409	Digestion mechanism of polychlorinated biphenyls in gastrointestinal tract using in vitro test	Yingxin Yu
20549	Assessment of Caenorhabditis elegans germline cell cycle arrest and apoptosis for heavy metals toxicity testing	Shunchang Wang
20795	Purification of microcystin-LR by solid-phase extraction procedure	Xiaoguo Chen
25148	Restriction of Citrinin Accumulation in Monascus by Improving Culture Temperature	Mian-Hua Chen
20214	Investigation of Catalyst Copper Supported on Ceramic Honeycomb substrate for the SCR of NO	Youhong Xiao
20679	Source Identification of Inhalable Particles in Fog and Haze	Ren Ailing
20568	The Research of Computational Method of Formaldehyde Density Influenced by Ventilation Factors in the Environment Test Cabin	Bin Li
20998	Mass transfer model of the wet flue gas desulfurization with lime	REN Rushan
25204	Improved yields of soluble substrates from primary sludge fermentation under alkaline condition	Haiyan Wu
25006	Effect of La Ion-implantation on High Temperature Oxidation of Ni-40Cr Catalyst Support	Huiming Jin
20705	Destruction of Toluene by dc Corona Discharge Reactor with Ultra-Thin Razor-to-Plate Type Electrode	Kefeng Shang
20978	Effects of Wastes on the Characteristic of Sulfur Release during Coal Combustion	Bin ZHENG

PaperID	Paper Title	Author
25428	Experimental Investigations on Combustion and Emission of Diesel Engine Fueled with Composite Oxygenated Fuel	Yanxia WANG
20915	Effect of Window Characteristics on Indoor Air Quality in Residential Housing	Xianli Li
20469	DMS and CH ₄ fluxes along an elevational gradient of a coastal salt marsh, East China:positive correlations	Wang Jinxin
20686	Development and Testing Research of a New Pneumatic Jet Stream Air Curtain Dust-collecting Fan	Yinghua Zhang
25381	Statistic Analysis of Oxygen Supplying Status in Qinghai-Tibet Railway Car	Meng Liu
25055	Land Desertification Evaluation on the Basis of Quantitative Remote Sensing in Songnen Plain China	Zhaoyang Li
20872	Experimental Research of Reversible Ventilation System which can Improve IAQ	Zhenying Mu
20085	Main factors impacting the CO ₂ flux between sediment and the atmosphere in an intertidal zone, Qingdao	Longjun Zhang
25280	Niche-fitness theory and its application to GIS-based multi-suitability evaluation of tillage	Jing Yu
25095	A Simulation of Gas Flow in Coal Lane Based on Lattice Boltzmann Method	Qiu-qin LU
20802	Study on Indoor Air Quality Characteristics and Air Contaminants Control Strategies in Urban Residential Environment in Xi'an	Zhiwei Wang
20800	Evaluation of Indoor Environment Based on Rough Sets Theory for One University Library in Xi'an	Zhiwei Wang
25366	Uptake and growth response of <i>Saccharum officinarum</i> to lead pollution in soil	Xia Huilong
25152	The Distribution of δ -aminolevulinic Acid Dehydratase Genetic Variants in Uighur and Yi Population of China	Heng Wan
20443	Studies on the Properties of Root Exudates and Their Effects on Solubility of Pentachlorophenol(PCP)	Ping Guo
20635	Antitumor activity of escin in mice cervical carcinoma U ₁₄ in vivo and human cervical carcinoma Hela cell line in vitro	Xueying Zhou
20723	Effect of Cr(III) Stress on Activities of Antioxidant Enzymes in <i>L. hexandra</i>	Dunqiu Wang
20309	Study on the Decoloration Technology of Waste Edible Oil with Activated Clay	DENG Qi
20307	Study on Saponification Technology of Waste Edible Oil	DENG Qi
20853	Risk Assessment of Classic Endocrine Disrupting Chemicals in Beijing-Tianjin-Tangshan District	Jin SU
20508	Health risk assessment for benzene occupational exposure using physiologically based pharmacokinetic model and dose-response model	Yang Wang
25346	Determination of Amoxicillin with Novel Rhodanine Ramification by Flow Injection Chemiluminescence	Jinghua Yu
20896	Effects of sewage sludge application on growth of maize grown in aluminum-toxic soils	Qiang Liu
25435	Study on methane conversion to synthesis gas over nano Pt/MgO catalystsII. Characterization of Pt-IV Catalysts	Min Yang
20591	R & D of Environment-friendly Solid Polyol for Drilling Fluids	Lihui Zheng
20322	Research on How to Determine the Residue of Atrazine in the soil	Rongjuan Wang
25045	Effect of Magnesium Oxychloride Cement on Stabilization/Solidification of Sewage Sludge	Ma Jianli
20693	ARM Susceptibility mapping as a proxy for heavy metals loads of soils monitoring in the Dabaoshan Mine, South China	ZHOU Xu
20743	Bioavailable Vanadium Extracting with EDTA in Panzhihua Urban Park Topsoil	Yanguo Teng
20777	Environmental Geochemistry of Sediments in Endemic Arseniasis at Western Hetao Plain	Tan Ting
25041	Distribution of heavy metal contents of soils in an industrial area of Zibo, China	Shuai Wang
25395	Activation of Lead (Pb) in Soil by Bacteria	Xumei Wang
25253	Blue Light Effects on Pigment and Citrinin Production in <i>Monascus</i>	Chang-Lu Wang
20345	Study on the Growth and Degradation Characteristics of Atrazine Degradation Strain J6	Zhao Jiang
20276	Effects of exogenous nitric oxide protects tomato plants under copper stress	Xiumin Cui
20417	Urban Ecological Security Evaluation of Typical Resource-Exhausted Cities Based on Attribute Recognition Theory	Xiaoyan Tao
25043	Restriction of reactive iron to acid volatile sulfides formation in Licun estuary sediments of Jiaozhou Bay	Xiaoqiang Pu
20384	Assessment of Heavy Metal Pollution in Estuarine Intertidal Sediments and Soils: a Case Study in Dalian	Lianfeng Wang
25479	Risk Evaluation and Simulation of Chemical Pollutants Diffused into Atmosphere	Ning HE
20485	Analysis on Resource Recovery of Benzene/Ethanol Extractives of Fresh <i>Santalum album</i> Leaves in Autumn	ZHANG NING-NAN
20935	Assessment of Acute Exposure Dose for Emergent Phosgene Spill	Jie SHI

PaperID	Paper Title	Author
20047	Micronucleus Kinetics Induced by Chromium Trioxide in Vicia Faba Root Tip Cells	Zhang Jie
20024	An Investigation into Heavy Metals Pollution in a Landfill of Guangzhou	Wenbiao XIE
20059	Hypolipidemic effect and safety of ursolic acid glycoside esters	Zong Wei
20303	Effects of Sub-Chronic Aluminum Intoxication on Growth and Morphological Structure of Spleen and Bursa of Fabricius in Chickens	Chongwei Hu
20456	Carbon-Doped TiO ₂ Ceramic Film: Fabrication and Application to Photocatalysis	Yanli Jiang
20573	Effects of Aluminum Intoxication on Immune Function in Chickens	Chong Wei Hu
20668	Acute toxicities and QSAR of substituted phenols to photobacterium phosphoreum	Xiyan Lin
25125	Effects of Monosulfuron on Mixotrophic Growth and Photosynthetic Pigments of <i>Auabaena flos-aquae</i> Breb. Exposed to Different Light Intensities	Jiaying Shen
25399	Advances in Studies on Analysis Methods for Determination of Arsenic-containing Agents and their Correlative Toxic Compounds	Zhou Liming
25349	Microwave-enhanced decomposition of polychlorinated biphenyl in simulative capacitor oil with the presence of NaOH, hydrogen donor and catalyst	Xitao Liu
25052	Study on moulding process of eco-ceramics body with residual bamboo fiber	Yao Chun-hua
20506	Research on Extraction Technology and Antioxidant Activity of Flavonoids from Jerusalem Artichoke	Lingling LIU
20049	Detection of organophosphorus by immobilized wheat esterase in chitosan bead	Dong Haili
25307	Identification of Contaminant Source Characters Based on Finite Sensor Message	Meng Liu
25345	Determination of Tetracycline Residue in Food by a Simple Resonance Rayleigh Scattering Method	Shenguang Ge
25235	A Rapid and Sensitive Chemiluminescence Enzyme Linked Immunosorbent Assay for the Determination of Metolcarb Residue in Agricultural Products	Jingwei Sun
25448	Silylation Derivatization for the Detection of Hydroxylated Polychlorinated Biphenyl in Aquatic Products by GC/MS	Yong-fu Shi
25394	Characteristic elements of <i>Kaempferia Galanga</i> L. from Yangchun in Guangdong province	Hui Liu
20164	Detoxification mechanism of plant to Cd: Subcellular distribution and forms of Cd in <i>Typha latifolia</i> L.	Chunfang Tang
20125	Responsive proteins To Mn Toxicity in <i>Hippophae rhamnoides</i> L.	Ke Chen
25098	Indoor Air Quality Assessment Based ON Grey Classification Method	Furen Zhang
25454	Experimental Investigations on Combustion Characteristics of the Blast Furnace Gas	Yongqi LIU
20258	Numerical Simulation of Airflow Distribution in the Junction of Electrostatic Fabric Filter	Manyin Hu
25482	Study of the Performance on Magnesia Base Catalyst Used for Flue Gas Denitration	Gao Yu
20594	Determination of Pb in the leaves by Graphite Atomic Absorption Spectrophotometry	Qi DENG
25501	Study on regeneration behavior of iron oxide sorbent with different binders for hot gas desulfurization	Fang Zhu
20949	Study on Non-smoke Carbonization Technology of <i>Phyllostachys pubescens</i> in Low Temperature	WU Yi-qiang
20395	Microbial Removal Efficiency in situ Measurement of Exhaust Air HEPA Filters Employed in Cleanrooms	Guoqing Cao
20698	Prediction of Air Quality during 2010 Asian Games in Guangzhou	Zhongliang Yue
20352	The evaluation of health damage caused by air pollution in Huzhou region, China	Song Guobao
20781	Zn ²⁺ -La ³⁺ -Co-doped TiO ₂ photocatalyst for the purification of air	Baojiang LIU
25498	Experimental study on sterilization performance of compound air cleaner	Leilei Wang
25499	Measurement and Analysis of Indoor Air Quality in the University Dormitories	Jia Yang
20775	The Research of Underground Space Thermal Comfort Index and Comprehensive Evaluation of Micro-climate Environment	Yanqiang Di
20231	Numerical Simulation and Experimental Research of Thermal Environment in An Air Conditioning Office	Guanzhong Peng
20942	A Numerical Simulation for Predicting Influence of Flow Pattern in Electrostatic Precipitations on Dust Loading Centers	Zhenyu Du
20393	The Reasons and Analysis for the Wearing and Blocking in the Pipeline of Pneumatic Conveying System	Yong-tao Yuan
20699	Evaluation of Air-borne Bacteria in Dormitories and Canteen of a Shanxi University	Xinlin HUO

PaperID	Paper Title	Author
20514	Performance Evaluation of Cleanrooms Against Biocontamination	Guoqing Cao
20118	SO ₂ Emission Reduction through Industrial Symbiosis	Fang Wang
20516	Air Pollutants and Its Transport Characteristics of Multi-cities in Central Xinjiang, China	Xia LI
20688	Application of grey prediction model to forecast the main air contaminant PM10 in Harbin City	Fan Qingxin
20961	Effect of thiol on formaldehyde sensors based on CNTs	MIAO GUO
25480	Temperature Dependent Predictive Models for Vapor Pressures of Oxygen-Containing Polycyclic Aromatic Hydrocarbons	Guanghui Ding
25239	Urban road traffic pollution and its effect on indoor air quality	John Currie
20243	Iron Oxide Based High Temperature Desulfurization Sorbent	Ju Shangguan
20814	Effect of the Zonal Guarantee Technology for Underground Diesel Generator Plant on the Carbon Monoxide Emissions	Xibin Ma
25442	Abatement of NO _x with Propene Activated by Corona Plasmas	Kefeng Shang
20051	Numerical Analysis of Contaminant Controlled by Push-pull Ventilation	Wen-heng Zheng
25117	INVESTIGATION ON MOTORCYCLE EXHAUST EMISSIONS PURIFICATION	Qi Xiaoni
20275	Modification of Activated Carbon for Phosphine Adsorption	Bingnan REN
20277	Catalytic Effect on Toluene Removal by Non-thermal Plasma Technology	Yufang Guo
20318	Combination effects of acoustic field and humidity on removal of inhalable particles	Deshuai SUN
20359	Study on remove of Sulfide from Petroleum Refinery by immobilized Thiobacillus ferrooxidans in Packed bed Bio-reactor	Huijie Zheng
20377	Decomposition of indoor ozone on activated carbon-supported catalysts	Yongquan Yin
20434	Emission characteristics of inhalable particulate matter from pulverized coal-fired boiler	Zhong Liu
20618	Research on the Effect of Chloride Additive on Mercury Speciation in Coal-fired Derived Flue Gases	Jiang Wu
20187	The Effect of Air Pollution on Human health in China: A Macro Evaluation	Zhigang Chen
20038	Simulation Study on Grey Numerical Model of Air Pollution in Handan City	ZHOU Ji-hong
20295	Modeling a Reverse Flow Reactor for Thermal Oxidation of Lean Methane	Ruixiang Liu
20268	Bioreactivity of Beijing Outdoor Ambient Particulates	Lin Zhou
25504	Thermal adaptability of proteins on amino acid composition	Linsen Zhang
20472	Stem Radial Growth Features of Picea meyeri Responding to Environmental Factors at the Treeline of Luya Mountain	Yang Yangang
25316	The Research of the Trend between the Annual Maximum Sea Level and Southern Oscillation Index	Jing Guan
20981	Avoided GHG emissions from organic waste through composting: A case study	Weihua YANG
20857	Performance evaluation of trickle-bed air biofilter packed with zeolite for ammonia removal	Jiao Zhang
25292	Distribution of Amino Sugars in Mollisols in the Northeast of China	Hongtu Xie
20951	Study on Moulding Process of Woodceramics without Formaldehyde Emission	QING Yan
20495	The pollution characteristics analysis of benzene series in a newly decorated office building	Zhanping You
20131	Studies on Enrichment Mechanics of Trace Elements in Particulate Matter after Pulverised Coal Combustion	Jian-yi Lü
20768	Lead Absorption and Accumulation in Houttuynia cordata Thunberg and Hygienic Safety Evaluation	WU Jun
25249	Fabrication of three fire-retardant poplar gluing composite lumbers and evaluation of their fire-retardant and smoke-suppressant performance	Wu Yi-qiang
20895	Mechanism of Damification on Pulmonic Cells Induced by TDI and the Differences between Male and Female	Ji Yubin
20146	Pollution Property and Affecting Factors of PM10 in the Air near the Road in Harbin	Huang Likun
20493	Impacts of Recent Climate Change on Runoff of Keriya River South of Xinjiang, Northwest China	Hamid Ishmael
25230	Research on the Dynamic Evolution and Driving Factors of the Carbon Emission Capacity in China	Chuzhu Hu
25439	Comparing Study on the Source Apportionment of Total Suspended Particulates	Chunsheng FANG
20839	Analysis for the cause of indoor flying dust and its control method in an office building	Zhiwei Wang

PaperID	Paper Title	Author
20078	Study on the relationship between lung cancer of indoor air pollution exposure and trace elements in blood plasma	Zhang Linlin
20662	Accumulation of Heavy Metals in Four Plants Grown on Mine Waste Rock Dump and Ecological Risk	ZHU Yibin
20600	Study on the plant roots to improve shear characteristics in Coal Mining Subsidence Area	Xijun Yao
20860	Numerical Simulations of Impacts of Land Surface and Sea Surface Temperatures on the Onset Date of South China Sea Summer Monsoon	Peng Liu
20204	Analysis of carbon emission caused by food consumption in city and rural inhabitants in China	Zhi Jing
25474	Primary Estimation of Capacity of CO ₂ Geological Storage in China	Yanfeng Liu
20464	CO ₂ emission reduction and energy recovery from straw cogeneration project	Wei-hua YANG
20709	Greenhouse effect reduction in biomass power plant: A case study	Wei-hua YANG
25146	Magnitude of dissociation of methane hydrate reservoir associate with climate change	Baocong Guan
25112	Soil nutrient responses to one year of simulated global warming and nitrogen deposition on the Songnen meadow steppes, northeast China	Liangjun Hu
20019	The effect of long-term fertilization on crop production, soil nutrients and soil CO ₂ and N ₂ O fluxe	Yuhong Dong
20201	Analysis and Evaluation of Environment Benefit for Biomass-fired Power Generation	Jian-yi Lü
20843	Sediment temperature and redox potential as confound factors controlling CO ₂ flux between sediment and the atmosphere in an intertidal zone	Pengjin Yang
25119	Simulation of Starting Up of a Reverse Flow Reactor for Thermal Oxidation of Lean Methane	Ruixiang Liu
25286	Urban heat island effect research in Chengdu city based on MODIS data	Quanliang Chen
25368	Physiological Functions of Nitric Oxide in Sedum Alfredii Hance under Complex Heavy Metals Stress	Xiaoling Zhang
20189	Effect of Water-accommodated Fractions of No.0 Diesel Oil on Embryos and Larvae Development of Sea Urchin, Hemicentrotus pulcherrimus	Furong Lv
20148	Recovery of Dimethylbenzene/ Butylacetate from Spent Solvent Oil by two Batch Distillation	Li Yuejin
25141	Analysis of rural household energy consumption and its environmental impact in northwest China: A case study	Guozhu Li
25151	The Distribution of δ -aminolevulinic Acid Dehydratase Genetic Variants in Kazak Population of China	Heng Wan
20236	Study of indoor air quality and thermal comfort of public place	Wang Ye
20300	Research on the New Dedusting Technology in Mine	Zhang Da-ming
25336	Distribution of heavy metal contents of urban soils in Sanya,China	Qian Ni
25415	Influence of coal gas on atmosphere environment and its countermeasures	Jienan Pan
25509	The detection and environmental significance of 5'-phenyl-1, 1' : 3' , 1''-terphenyl from the atmosphere in Beijing	Li Bin
25508	Changing Characteristics of PAH Pollutants in the Aerosols in the Zhongguancun Area of Beijing during the 29th Olympic Games and Winter 2008	Li Bin
25015	Impact of Urban Expansion on Summer Heat Wave in Beijing	Hongyun Ma
20402	Acute toxicity evaluation and compositional analysis of a polysaccharide from the medicinal mushroom Inonotus obliquus	Haixia Chen
25165	Cadmium accumulation and antioxidant enzyme activity in response to cadmium stress in radish (Raphanus sativus L.)	F. Wang
20481	Competitive Adsorption of Zn and Cd onto Three Typical Soils	Qing Lin

Poster 2: Water Treatment and Quality

2nd floor, Building No.1, Beijing Friendship Hotel

Time: 15:00-16:00, June 16

PaperID	Paper Title	Author
20658	Health assessment of urban landscape river	ZHAO Yan-wei

PaperID	Paper Title	Author
20994	Pretreatment of wastewater contained DMF by combined aerobic Fe-C micro-electrolysis and plural three-dimensional electrodes oxidation process	Dan Han
25077	Pre-treatment of acrylic fiber wastewater by complex process made up of internal electrolysis and Fenton oxidation	Meng Zhiguo
25113	Simultaneous COD, nitrogen and phosphate removal in an aerobic granular sludge membrane bioreactor	Yu-Lan Wang
25064	Synthesization Characterization and Properties of Quaternary Ammonium Cationic Cellulose	Yawei Wang
20644	Adsorbent derived from sewage sludge and its application in dye wastewater treatment	Chen Chun-yun
21000	Cascade Control of the PH in an Anaerobic Wastewater Treatment System	Kang Jiayu
20789	Optimization of Feeding Strategy in Fed-batch Cultures for Degradation of Phenol by Trichosporon sp.X1	Qiu Lingfeng
25047	Adsorption properties of Aniline onto β -cyclodextrin Epichlorohydrin Copolymer	Ning Li
20421	Modeling Dissolved Oxygen Effects on Biological Nutrient Removal in a Sequencing Batch Reactor with Activated Sludge Model 2d	Pin GAO
20287	Analyzing and Predicting of Tianjin Coastal Water Quality by Fractional Theory	Renqiang LU
20968	Characterization and flocculation treatment of organic substances present in landfill leachate	Yimin Sang
25073	The Port Chemical Cabin Washing Wastewater Treatment by Ozonation-Biological Aerated Filter	Cong Cong
25170	Electrochemical Oxidation of Imazethapyr on Ti/SnO ₂ -Sb ₂ O ₅ /PbO ₂ Anode for Waste Water Treatment	Bin XUE
20680	Numerical modeling of water quality in Jiaozhou Bay, China	Yan Zhang
25355	Nitrogen, Phosphorus and COD _{Cr} Removal Characteristic of Aerobic Denitrifying Bacterial Strains Loaded by Nano Fe ₃ O ₄	Jun Zhao
20094	Decolorization of Reactive Red K-2BP wastewater with sponge iron	Gao Mengchun
20216	Poly Ferric Silicate Sulphate (PFSiS): Characterization, Coagulation Behavior and Applications in Oily Wastewater Treatment	Lijun Li
20517	Enhancement of the settling and dewatering properties of activated sludge by humus soil	Min Wu
25128	Color removal and biodegradability enhancement of chemical pretreatment effluent of eucalyptus chemithermomechanical pulp (CTMP) by zero-valent iron	Li-rong LEI
25283	Study on Temporal and Spatial Distribution of Runoff and Pollutant yield by Precipitation in Plain Drainage Area	Jin Luo
20652	Effect on Water Quality of Chaohu Lake with the Water Transfer Project from Yangtze River	XIE Xingyong
20756	Study of physical self-purification capability in the offshore area of Jiaozhou Bay	Cui Wang
20483	Breakthrough Volumes of Perfluorocarboxylates in Using WAX Cartridges for Analysis of Sewage	Fei LI
25118	Determination and elimination of matrix effect in analysis of perfluorinated acids using high performance liquid chromatography-negative electrospray tandem mass spectrometry	Fei LI
20567	Effects of pre-treatment of supports on Pt/AC activity	Darui Jin
20654	Advanced treatment of wastewater on nonbiodegradable organic matters from alcohol industry using chemical coagulation and ozonation process	Yang Jian
20819	The Start-up and Operational Performance of Anaerobic Baffled Reactor (ABR) Treating high-concentration sugar-producing wastewater	Guochen Zheng
20783	Degradation of Phenol in the Presence of Ammonia Nitrogen by Electrochemical Oxidation in the Chloride System	Chao Zhao
20660	Effect of Wastewater Ultraviolet Disinfection of Power Ultrasonic Enhancement	Shenghua Zhang
20518	Nitrogen and phosphorus removal enhanced by humus soil activated sludge process	Min Wu
20498	Optimization of Photocatalytic Degradation of Endocrine Disrupting Chemical Bisphenol A by Using Response Surface Methodology	Erdeng Du
20355	Equilibrium and kinetic studies on biosorption of Cu(II) by immobilized brown algae Laminaria japonica	Shenghua Zheng
20218	Wastewater with low C/N ratio treated by partial nitrification/anammox process	Shaohui Zhang
20772	Modeling chlorophyll-a in Taihu Lake with machine learning models	Jianping Liu
20988	Industrialization of Coal Gas Stripping and Adsorption Process to treat Coking Waste Water Containing Ammonia	WANG Guang-hua

PaperID	Paper Title	Author
25022	Influence of biochemical conditions on activated sludge granulation	Lei Sun
25407	Determination of trace cobalt(II) in water sample by high sensitivity catalytical kinetic spectrophotometric method	Yanyan Han
25200	Effects of colloidal fouling and concentration polarization	Han Yongping
25019	Immobilization of Nitrifying Bacteria in Waterborne Polyurethane Hydrogel for Removal of Ammonium Nitrogen from Wastewater	Yamei Dong
20755	The Effect of Aqueous solubility on the Biodegradation of typical Pollutants in Coke Plant Wastewater	Jing Cheng
20374	Study on sand clogging in two-stage vertical flow constructed wetlands	XiuQing Lu
20656	Treatment of Recirculating Water from Refinery Plant with Grid Filtration	Jianmin Li
25332	Removal of organic matters and ammonia in landfill leachate via a UASB and anoxic /aerobic bioreactor process	Lihui Huang
20399	Degradation of chlorobenzene in novel configuration sonoreactors: comparison between sonoreactor with multi transducer and conventional sonoreactor	Huasheng ZOU
20462	Treatment performances of capillary infiltration system for municipal wastewater	Liangbo ZHANG
25382	Primary research on the disposal of organic wastewater of Low C/N ratio with electrode-membrane biological reactor	Yang Qun
20114	Effects of diatom on the reproduction of copepod Oithona similis	Jie Li
20045	Preparation of Polymer Silicate phosphate Ferrous Sulfate Used in High-Viscosity Oil Petrification Wastewater treatment	Xi Chen
20742	Cause and control of baulking sluge by Microthrix parvicella in MUCT system	Xiao-ling Wang
20684	Parameters Optimization of Modified A2O Process for Low Strength Municipal Wastewater Treatment	Ming Yin
25017	Influence Factors of Nitrogenous Heterocyclic Compound - Pyridine Degradation under Anoxic Conditions	Jing Cheng
25417	Synthesis of hydroxyapatite in microemulsion and the study of adsorption on cadmium in wastewater	Xianpeng Zheng
25011	Operation and Optimization of the Parallel AN/AO Process	Hongbo Liu
20945	Bench-scale Study of an ASBBR Combined with Post Ecological Pond for Small-sized Domestic Sewage Treatment	Wenchao Jiang
20900	Effect of vermibed height on excess sludge treatment in vermifilter	Limin Zhao
20297	Inhibitory factors for aerobic granulation with landfill leachate	Yanjie Wei
20025	Study on optimal culture conditions of bioflocculant produced by brewery wastewater and its application to middle phase wastewater in paper making process	Yan-Li Mao
20489	The electrochemical hydrodechlorination of 2, 4-dichlorophenol in water and its improvement by combination with chemical catalytic reduction	Ying Wang
20376	Study on flow pattern of vertical flow constructed wetlands by Reaction theory	Xiuqing Lu
20356	Study on the Treatment of Wastewater Containing Mercury by Macromolecular Heavy Metal Flocculant Mercapto-acetyl Polyethyleneimine	Min Xu
20299	Characteristics and stability of aerobic granules treating domestic sewage	Min Ji
20249	Degradation of acetic acid by UV/H ₂ O ₂ reaction	Chunli Kang
20636	The Determination of Dynamic Adsorption Curve, Adsorption Capacity and Breakthrough Capacity of Powdered Activated Carbon for Perfluorooctanoic Acid elimination from Water	Yan QU
20634	Feasibility Study on Adsorption of PFOA from Reuse Water by Powdered Activated Carbon	Yan QU
20526	Heterogeneous Photo-Fenton Oxidation of Sodium Pentachlorophenate Solutions Using Iron Loaded Chelating Resin as a Catalyst	Li Mengyao
20082	Anaerobic Treatment of Actual Domestic Wastewater with EGSB Reactor at Ambient Temperature	Dong Chunjuan
20492	Cultivation of high cell density to improve degradation efficiency of river-water	Suyun Chang
20432	Treatment of dye wastewater containing basic violet 5BN by foam fractionation	Wu Zhaoliang
20331	Application of Integrated MBR Technology for Leachate Treatment	Jia Hua
20474	Study on the Treatment of Sewage by Shallow Eco-soil System	Qingjie Xie

PaperID	Paper Title	Author
20018	Fly Ash Enhancement Efficacy of Modified Anerobic Baffled Reaction (MABR) in Treatment of low Strength wastewater	Xiangkui Han
20604	Column experimental study on synergetic treatment of uranium-bearing wastewater with Sulfate Reducing Bacteria and zero-valent iron	Kaixuan TAN
25476	A Computer-Aided Design System for Cyclic Activated Sludge System (CASS)	Jing Zhang
25441	Analysis of bacterial community structure in vermifiltration for sludge reduction by nested PCR-DGGE method	Jian Yang
20332	Influence of Low Molecular Weight Organic Carboxylic Acids on Cr (VI) Photo-reduction in Montmorillonite Suspension	Yanxiang Liu
20944	Demulsification of emulsion under high voltage pulsed electric fields	Fan Luo
20866	Study on Degradation of Crystal Violet by UV/Fenton/Heteropolyacid System	Songtian Li
20696	Effect of Shear stress on the cultivation and characteristics of aerobic granules	Xiaoying Zheng
20119	Small-scale Formation of Struvite by Electrochemical Deposition and its Characterization	Chongchen Wang
20543	Removal of cadmium in Water Using TCAS-adsorbed resin	Pin Zhang
20221	Hypersaline wastewater treatment by CaCl ₂ -tolerant bacteria-supplement in Upflow Anaerobic Sludge Bed Reactor	Xin Xin
20451	Dynamic Rule of Organic Matter Removal in Constructed Rapid Infiltration	Wenlai Xu
20449	Pollutants removal effect and membrane fouling alleviating by an improved submerged membrane bioreactor for domestic wastewater treatment	Hongjie Wang
20429	Coupled methods for effective degradation of harmful chlorobenzene	Meimei JIANG
20127	Synthesis of Porous Cross-linked Grafted Chitosan and Its Application for Metal Ion Adsorption	Hui Liu
20123	2,4-Dichlorophenol degradation by heterogeneous Fenton like reaction using carbon-Fe catalysts	Yingchun Yang
20029	Production of a novel biofloculant by culture of Pseudomonas fluorescensC-2 using molasses wastewater	Yan-Li Mao
20046	Screening and Domestication of Microorganism Used in Oil Contaminated Wastewater Remediation	Xinyang Xu
20502	Removal of copper from aqueous solutions by waste biomass of saccharomyces cerevisiae	Chunhui Fan
25378	Treatment of Papermaking Tobacco Sheet Wastewater by Fenton Process	Xiangjuan Ma
20598	The equilibrium characteristic of ferric sludge adsorption phosphate	Liyan Tian
20826	Denitrification Characteristics, pH and Temperature Influence of an Aerobic Denitrifier	Qiang WANG
25123	On optimization study of cultivation conditions of a flocculant-producing strain and 16s rDNA-Sequential Analysis	Li He
20136	Dynamic membrane formation mechanisms of a combined coagulation	Chunhua Xu
25457	Experimental Study on Pretreatment of High Concentration Ammonia-Nitrogen Wastewater by TiO ₂ Photocatalysis	Jianguo Cui
25418	Abiotic Degradation of Nitroaromatic Compounds by Steel Converter Slag with Fe(II)	JUN LI
25411	Effectiveness of pH as control parameter for nitrogen removal via SND in a sequencing batch reactor	Zhu Ningwei
25340	Activated Sludge Properties in MBR Deeply Treating Pulp-making Wastewater	Ming Ji
25308	Analysis of Microbial Community in vermifiltration by PCR-SSCP Method	Zhibo LU
25293	Nitrate and COD reduction contrast of biofilm-electrode reactor in different position of denitrogenation process	Yang Qun
25081	Treatment of Aquatic Products Processing Wastewater with a Reformative MBR Process	Qun Miao
20091	Nitrogen removal through heterotrophic nitrification and aerobic denitrification by heterotrophic nitrifier of Bacillus sp. LY	Bin Zhao
20865	Aerobic Denitrification of Nitrate Wastewater and dynamic analysis of the Microbial Community in a Bio-ceramic Reactor	Hongyu WANG
20158	Pilot-scale hybrid coagulation/membrane bioreactor (HCMBR) for textile dyeing wastewater advanced treatment	Zaisheng Yan
20676	Research on Biodegradation of Daqing Crude Oil in Seawater by Zoogloea sp. Strain SY1	Zhengyao Li
20670	Screening, Identification of Strain JM-1 Producing Biodemulsifier and the Characteristic of Demulsification	Zhengyao Li
20576	Experimental study on Comprehensive Properties of new suspended medium	Zeng Fang
20401	Profiling of Microbial Community Diversity in Vermifiltration of Different Earthworm abundances by PCR-DGGE	Xiaowei Li
20353	Shortcut nitrification and ANAMMOX combined process for autotrophic ammonia removal	Yongtao Lv

PaperID	Paper Title	Author
20330	Electrooxidation of p-chlorophenol at Ti/PbO ₂ electrode	TIAN Mei
20310	Application of pellet fluidized bed process in ferric flocs sludge conditioning	Zhang Gang
20224	Influence of Organic Loading on the performance and Microbial Structure of the Airlift Combined Biofilm Reactor (ACBR)	Haiyan Guo
25427	Spectrophotometric Determination of Trace Chromium in Food Samples	Dan Wu
25009	Enrichment and Screening of Aerobic Denitrifiers from Activated Sludge	Hongyu WANG
20347	Study on the Treatment for High Concentration of Ammonia Nitrogen in Piggery Wastewater by MAP	Yang Yang
25384	Dynamic Monitoring of Soil Erosion and Spatial Distribution in the Xiangxi River Watershed of Three Gorges Reservoir Area Based on Remote Sensing	Xiujuan Wang
20749	Ecohydrodynamic Modelling of Dissolved Organic Carbon Cycle	Zhao Haiping
20328	Appraisal of Aquatic Environment in Mining Subsidence Based on Multiple biological Indexes	Yanbin WU
20423	The Numerical Simulation on the Impact of Multiple Random Pollution Sources on Water Quality	Han Longxi
25371	Simulations of Lagrangian Residual Current in Changjiang Estuary, Hangzhou Bay and Their Adjacent Area	Tao Zou
20530	Modeling and Predicting Groundwater Pollution Caused by Oil Pipeline Leakage Using MODFLOW and MT3D	Liang He
20461	Study on treatment of domestic wastewater by cinder infiltration columns	Jian YANG
25326	Wastewater reducing method based on computer aided engineering for urban sewage minimization	Zhi-Wei Peng
20013	Establishment of Water Environmental Data Mart	Zhenliang Liao
20329	A Simulated Experimental Research on Treating Domestic Sewage by Using CASS Technique	Ying Zhang
20093	Adsorption of sorbic acid from aqueous solution by macroporous adsorption resin: Equilibrium and kinetic characteristics	Jiangang Wang
20923	Isolation, Identification and Degradation Characterization of p-Chlorotoluene Degrading Strain	Zhaoxia Li
20386	Adsorption of Two Cationic Dyes from Aqueous Solution onto Natural Attapulgit	Shaohua He
25472	Influencing factors on nitrogen removal performance of combined biological aerated filter for secondary effluent from municipal WWTP	Yue Yang
20694	The Research of Sewage Treatment Control System Based on Fuzzy PID	Shuangxi Gao
20632	Sludge stabilization of vermifilter and analysis of influence factors	Min Wu
20523	Treatment of nitrobenzene-loaded wastewater via electrochemical heterogeneous catalytic processes	Baojun Jia
25500	Catchment hydrologic response with a fully distributed rectangular network model	Jincun Zhang
20529	Influence of Several Parameters for Converter slag - coal cinder Filters on Phosphorus Removal from Domestic Wastewater	Jian YANG
20948	Treatment of chlorophenol wastewater by electro-generated oxidative radicals	Yanqing Cong
20383	Study on Vibrio Disease of Pseudosciaena crocea and Recognition of the Disease Resistant Group Based on Automatic Detection System for Hemogram	Jiang Zheng
25169	Effects of renewal regime on consumption of nitrogen and phosphorus, biomass and polysaccharide production by Porphyridium cruentum in semicontinuous culture	Sun Liqin
25111	Physiological Responses of Four Submerged Macrophytes to Phenanthrene Exposure	Li Jiahua
20560	Py-GC/MS Analysis on Acetone Extractives of Phyllostachys heterocycla Chips in Pulping Wastewater	MA Qing-zhi
20673	Study on Technology of Deresination of Pinus massoniana wood Based on reducing the discharge of wastewater	Tian Wen-li
25005	Distribution of microbial community in the sediments of the Daliao River watersystem, China	Xiangchun Quan
25445	Comparative Investigation of Two modified QUICK Schemes for Advection-diffusion Equation of Pollutants on Unstructured Grids	Linghang XING
20970	Study on the removal of NH ₃ -N from the ammonia Water in AS Process using fine chemicals	WANG Guang-hua
25469	Determination of Benzidine using Sulfobutyl- β -cyclodextrin and Neutral Red Complexation as a supermolecule probe	Chuannan Luo
25453	CFD-based Prediction on Thermal Pollution	Junhua Wu

PaperID	Paper Title	Author
25252	Parameter Identification by MCMC Method for Water Quality Model of Distribution System	Sen Peng
20782	Mathematical modeling for desalination by electro dialysis	Jing Guolin
20411	Irrigation Security of Reclaimed Water Based on Water Quality in Beijing	Jinfeng Deng
25091	Experimental Analysis of the Effective Depth of Interaction of Rainfall—Surface Runoff—Soil Nitrogen	Yali Zhang
20898	Determination of Formaldehyde Traces in Fabric and in Wastewater by a Kinetic Catalytic Spectrophotometric Method	Fengxia Xie
20324	Joint Inversion of Adsorption Coefficient and Source Parameter in an Undisturbed Soil-Column Experiment	Gongsheng Li
20210	A 2D Numerical Model For Simulation of Bend-Flow And Pollutant Diffusions With Effects of Streamline Curvature	Yuling Liu
20735	Isolation and Biodegradation Characteristic of Petroleum Degrading Bacteria from Jiaozhou Bay	Xia Wenxiang
20157	Removal of microbiological contaminants in a sewage treatment system with constructed wetlands as tertiary treatment	Zhiwen Song
20729	Photocatalytic degradation of ammonia nitrogen with suspended TiO ₂	Feng Zhang
20707	Application of Recovering Wastewater from Eucalyptus Oil by Pyrolysis Treatment	Qimei LIU
20703	Recovery Analysis of papermaking wastewater from the pretreated Eucalyptus camaldulensis Wood Chips	Dangquan ZHANG
20631	Impact of high salinity on specific oxygen uptake, nitrification and denitrification rates of activated sludge	Lingling Li
20607	Sedimentation of activated sludge under different shear conditions	Qian Feng
20531	Use of Converter Slag-Coal Cinder Filters for Phosphate Removal	Su WANG
20490	Experimental Research on Constructed Rapid Infiltration System Treating Wastewater of Regenerated-paper Making	Youqin Zou
20425	Case Application of a Combined Treating Process on Azo Dye Wastewater	Zhuang Li
20269	Experimental Research on Coke-Plant Wastewater Treatment by Hybrid Bio-Reactor	Pei-shi QI
20758	Resources Reuse the Phenols in the Coking Wastewater by the Method of Resin Adsorption	Ruixia Wei
20226	Simultaneous C and N Removal in a Hybrid CAST Reactor	Dejun Bian
20926	Biological Denitrification Technology of Sewage via $\delta^{15}N$ Identification	Yongxiang Zhang
20077	Characteristics Study of Phase Separation on ABR Anaerobic Reactor	Xiaojia Xie
20061	Domestic Wastewater Treatment with a Slopping-Baffle ABR	Shoutong Zhang
20032	Degradation of lignin in aqueous solution by ultrasonic radiation	Liang Chen
25377	ADSORPTION OF NICKEL ION BY ZEOLITE-ATTAPULGITE COMPOSITE NANO-SIZE ADSORBENT	Wang Zheng
20613	Research on the Chloride Treatment from Desulphurization Wastewater by Nano-TiO ₂	Shuqin Wang
20626	Modelling Turbulent Dispersion of Buoyancy Regulating Cyanobacteria in Wind-Driven Currents	Yu Chen
25455	Adsorption and Visible Light Photocatalytic Decolorization of Methyl Orange Using Innovative Chitosan Capped CdS Composite	Ru Jiang
20640	Study on Oxygen transfer Model in an aerobic granule-based sequencing batch reactor	Hejiang Sun
25285	Study on Treatment of Slaughterhouse Wastewater with Co-coagulation flotation and SBR Process	XIAOWEI WANG
20265	Optimising the operating performance of vertical flow constructed wetland treating rural wastewater	Xiaoli Du
25290	Treatment of Landfill Leachate by Combined Photooxidation and Biological Anaerobic-aerobic Method	Wang Zongping
20732	Study on Influence Factors of Nitrogenous Heterocyclic Compound - Dimethylpyridine Degradation under Anoxic Conditions	Jing Cheng
20704	Effect of Aeration Induced Shear Stress on the Settleability and Activity of Activated Sludge	Qian Feng
20580	Cleaning Process Selection and Mechanism of Membrane Pollution in the Membrane Bioreactor	Shuyan Ma
20512	Studied On Decolorization of CTMP Wastewater	Yi Hou
25491	Surface Acid-base Property of Nano-ZnS particles and Adsorption Behavior of Pb ²⁺ and Cu ²⁺	Haiqin Yu
25490	Phosphate removal by CTMAB modified bentonite	Haiqin Yu
25486	Removal of ammonia nitrogen from water by modified bentonites	Liangguo Yan

PaperID	Paper Title	Author
25468	Extraction of p-phenylenediamine From Aqueous Solutions Using Emulsion Liquid Membranes	Chuannan Luo
20803	Pollutants Removal of Municipal Wastewater through Vertical Multilevel Soil Infiltration Treatment	ShengJiong Yang
25424	Catalytic Kinetic Spectrophotometric Determination of Trace Palladium (II) with Poniacyl Carmine 2B	Tao Yan
20908	Use of combined Fenton process for ammunition disposal wastewater: A pilot plant study	Song Xiaosan
25120	An experimental study on waste water Containing chromium of continuous foam separation	Wang Dejin
20540	Treatment of Chemical Synthesis-Based Pharmaceutical Wastewater with Combined ABR and MBR System	Lili Zhou
20963	Controlling Sludge Bulking by Addition of Kaolin	Li Zhou
20556	An optimization in the design of vermifilter for synchronous municipal sewage-sludge stabilization	Zhibo LU
25464	Polyacrylonitrile/ kaolinite hybrid nanofiber mats aimed for treatment of polluted water	Deng-Guang Yu
25433	Nitrification performance of a pilot-scale UBAF treating secondary effluent of municipal sewage	Bo JIANG
25031	Production of Hydrogen Peroxide by Pulsed High Voltage Discharge in Water	Shidong Yang
25138	The electrochemical character during the decolorization processes of azo dyes by a Halomonas sp. GYW	Jianbo Guo
25265	Preliminary research on ammonia reclaim from landfill leachate by vacuum technique	JiaoLan ZUO
20010	Application on Dyeing Wastewater Treatment by Tourmaline	Guan Junfang
20284	An Experimental Research on Treating Waste water Containing Cyanide by Modified Active Carbon Carrier	Xiuling SONG
25473	Kinetics and equilibrium isotherms on methyl violet adsorption by Arundo donax root activated carbon	Chenglu Zhang
25507	Phytoplankton community in a large shallow eutrophic Lake (Lake Dianchi, Southwest China)	Chun-li ZHOU
25241	Studies on the variation of chloroform and its prediction model in water distribution network	Yi-mei Tian
20846	Studies on Degradation of Phthalate by ozonation and ozonation combined with ultraviolet radiation Using Capillary Electrophoresis	Haiyan Li

Poster 3: Water Resource and Other Issues

2nd floor, Building No.1, Beijing Friendship Hotel

Time: 16:00-17:00, June 16

PaperID	Paper Title	Author
25075	Bioleaching of heavy metals from civil Sludge by Indigenous Thiobacillus ferrooxidans	Ming Huang
25060	The optimal search model for the accidental pollution source in the Yibin-section of Yangtse River	Liu Ying
25014	Study on river ecological water requirement based on water quantity model and water quality model	LEI Hongjun
25004	Pilot scale treatment for the drinking water by combined process (fluidized biofilm process-chemical coagulation-ultrafiltration)	Yong-Wei JIN
25067	Composition and Abundance Changes of Invertebrates in Biological Activated Carbon (BAC) Filters	Liu Lijun
20975	A Rapid Quantitative Detection Method for anaerobic denitrifying bacteria(ADNB)	Li WEI
25046	Environmental monitoring of Heavy Metals in Barks and Leaves of Coconut Palm	Xin ZHANG
20892	Acoustic Absorption Behaviour of the Compound Aluminum-Alleged Foam in Low Frequencies	Xiaohong Zhang
25048	Electrokinetic Property of Modified Polyacrylonitrile Membranes in the Haemodialysis	Lin Aiguo
25320	Study on the Compensation Standard for Farmland Protection Based on the Value Accounting of Development Rights	Zhigang Chen
20996	The experimental Research on the impermeability of Reinforced Concrete used to the nuclear waste container	Li Yi
25116	GIS-based Analysis on Temporal-Spatial Changes of Land Use	Zhao Yan-wei
25279	Environmental Monitoring and Evaluation on the Nuclear Technology Application in Department Nuclear Medicine in a Large Hospital	Yaohui Zhou
20133	Microalgae-induced Photodegradation of bisphenol F under simulated sunlight	Zhang Peng
20678	Application of the 50-mer Oligonucleotide Arrays Hybridization for Profiling Microbial Community in Acid Mine Drainage Sediment	Lu Zheng
25105	Effect of papermaking wastewater irrigation on growth of reed in saline-alkaline wetland	Yan Yu

PaperID	Paper Title	Author
20351	Simulation of Pollutant Release from Submerged Soil in the New-built Baohe Reservoir	LI Chunhui
20563	Mechanism of Cu(II) biosorption by <i>Saccharomyces Cerevisiae</i>	Limin Dong
25438	Study on Water-saving Methods and Countermeasures of Developing Coal Chemical Industry in Arid Area	Chunsheng FANG
25187	Cytotoxic characteristics and sensitivities of Vero cells Exposed to Organic Chemicals Pollutant and the Feasibilities in Bio-toxicity Test of Drinking water Concerning	Tingting Liao
20068	Ecosystem change and its impact factors in Yellow River Delta	Min Yang
20701	Assessment of Soil Erosion Sensitivity Based on Environment Background Analysis	Dun Zhu
20917	Dynamic Analysis on the Ecological Footprint of Pinggu District, Beijing City	Bo Li
25035	Domestication of Oil-degrading Strains and Bioremediation of Oil-contaminated Soil	Ling Zhao
25030	Influence of Cow Manure Vermicompost on Plant Growth and Micrbes in Rhizosphere on Iron Tailing	Zhang Junying
20653	Optimizing the Structures of Reclaimed Land Use in Coal Mining Area	Linyu Xu
25392	A set pair analysis model for urban ecosystem health assessment	Peng Yu
20959	Analysis of Value-added Resource Recovery of Wasted Branchlet and Nutshell of <i>Camellia oleifera</i> by GC/MS	Dang-Quan ZHANG
25106	Research on the Wet Process Separation Conditions of Aluminum and Polythene in the Tetra-Pak Packages	Zhang Jifei
25180	Feasibility study on the pyrolysis production for hydrogen-riched fuel gas from the wet sewage sludge	Sijiang Xiong
20008	Plant and soil change during forest restoration in a small catchment of Upper Minjiang River Valley	Shiliang Liu
20453	Identification of strategies for adaptation planning to extreme events under climate change	Cai Yanpeng
25406	Spectrophotometric Determination of Trace Lead in food with Trihydroxyphenylfluorone in Microemulsion after Sulphydryl Dextrane Gel for Preconcentration and Separation	Mei Yan
25344	Catalytic Dynamic Spectrofluorimetry Determination of Trace Tin Using New Type Arsenoxylphenylazo Rhodanine	Jinghua Yu
25090	Determination of four volatile halohydrocarbons in water by purge and trap-gas chromatography-mass	Pin Zhang
20715	Fuzzy Comprehensive Evaluation for Urban Surface Water Pollution Risk	Sijing Feng
20796	Study on the Test of Arsenic Removal for Drinking Water in the Rural Areas	Min Xi
20358	Quantitative Calculation Models and the Application of Ecological Carrying Capacity	Ying Zhang
20734	Influence of cadmium input on the nutritional properties in overlying water of eutrophic lakes	Xiantao Zhu
20792	Shallow Groundwater Quality Monitoring and Assessment in Northern Ordos Cretaceous Artisan Basin, China	Yaoming Su
20238	Assessment of surface and groundwater water quality at Regional scale A Case Study of Laoshan District, China	Jiejun Yang
20396	Determination of Total Alkalinity and Calcium Concentration of Seawater Rapidly and Automatically with Small-amount Samples	Xiaowan Tao
20500	Factors Analysis on Ultrasonic Sludge Reduction in Continuous Flow System	Liu Yongde
20559	The assessment of the present eutrophication status and characteristic analysis of Xingkai Lake	Shuang Kang
20657	Study on Leaching Mechanism of Micro/Nano Particles from <i>Cunninghamia lanceolata</i> Wood in NaOH Liquor	PENG Wan-xi
20160	GIS-based Decision Making Analysis of Nonpoint Source Pollution Management in Zhangxi River Watershed, P.R. China	Aimei Li
20976	Ammonia conversion characteristics in a closed recirculating aquaculture system	Guangyu Wang
25405	Performance and mechanism of poly-ferric sulfate for phosphorus removal in drinking water	Junling Wang
20372	Nitrobenzene removal in biological activated carbon filter by immobilized dominant bacteria	Yunan Gao
20424	Nitrification performance of nitrobacteria preparation for marine aquaria	Zhiwen Song
20438	Bactericidal Capability of Potassium Ferrate and Its Influencing Factors in the Process of Treating Micro-polluted Water	Zhi-Hua YUAN
20672	Effect of initial nitrate concentrations and heavy metals on autohydrogenotrophic denitrification	Yanhao Zhang
20435	Treatment of polluted surface water from Yellow River (China) with high-density sedimentation tank and ultra filtration : Pilot scale studies	Yukun Hou
20413	Venting Remediation of Unsaturated Soil Contaminated by Diesel hydrocarbon	Wei He
20524	A Fuzzy Analytic Hierarchy Process Application in Comprehensive Evaluation of Artificial Landscape Water Health	Qi Wang

PaperID	Paper Title	Author
20746	Study on the Test of Desalinating Brackish Water in Qingdao City	Jie Lu
20553	Correlation Model-Based Principal Component Analysis on the Application on Water Body Eutrophication Evaluation	Juan Wu
25053	Factors influencing the removal of fluoride from groundwater by Nanofiltration	Ma Weifang
20778	Electrochemical Removal of Nitrate Ion on Brass Cathode and DSA Anode	Xu Guo
20793	Planktonic Algae Community Distribution and Eutrophication Assessment of Xi Quanyan Reservoir	Zhuo Diao
25460	Effect of alkaline pre-treatment on waste activated sludge solubilization and Anaerobic Digestion	Yabing HU
20470	Feasibility of anaerobic co-digestion of waste activated sludge under thermophilic conditions	Mingqing Tai
20564	Effects of Magnetic Treatment on Leaching Releasing of Heavy Metals Element in Fly Ash from CFB	Xinzhong Liu
20578	Optimization for Preparation Conditions of Mn-Ce Catalyst Based on BP Artificial Neural Network Model	Yu Li
20890	Change of polycyclic aromatic hydrocarbons during forced-aeration composting of anaerobic digested sludge and sawdust	Gao Mengchun
25296	Primary study on isolation of cellulase from a Thermobifida and its enzymatic properties	Yun Qi
20638	Utilization of high carbon fly ash and coal gangue in blended cement: a case study	Feng-qing Zhao
20244	Study on Fuzzy Evaluation of Packaging Rationality Based on Life Cycle Assessment	XIE Ming-hui
25348	Heavy Metals Distribution Pattern in Coal Gangue	Junliang HAO
20320	Treatment and recovery of oily sludge using washing method	Chunjie Han
25465	Microbial community analysis during composting of digested sludge and sawdust by using quinone profile and polymerase chain reaction-denaturing gradient gel electrophoresis	Yang Lijuan
20192	Cultivation of Pleurotus ostreatus and Lentinula edodes using stem and leaf of Flos Lonicerae	Peixin He
20716	Effect of KOH Extraction on Micro/Nano Particles of Wood Extractives and Hemicellulose Leaching from Chinese-fir Wood	WU Yi-qiang
20641	Simulation Experiment of the Anaerobic Degradation Law of Municipal Solid Waste	Xiaozhi Zhou
20428	Oxidation of oilfield sludge in supercritical water	Chunjie Han
25487	Alleviate Effects of Lanthanum on stress induced by cadmium on Carassius auratus	Zhenlin Wei
25226	Experimental Research On Tracing Degradation Principle Of Leachate 15N	PANG Xiang-rui
20595	The dose-effect relevance between the Proportional Mixed Soil with Sewage Sludge Compost and Growth Response of the Horticultural Plant	Yunjie Xu
20348	Analysis of the Characteristics of Fly Ash from Hospital Solid Waste Incinerations	LIU Han-qiao
20291	The Concentrations of Heavy Metals and Their Potential Environmental Risks of Sludges from 15 Cities in Yangtze River Delta Region	Yuhuan Sun
20144	The Counts and Environmental Risks of Pathogens in Sewage Sludge from Yangtze River Delta	Yuhuan Sun
25373	Artificial Soil Solution Chemistry of the Stabilized Sewage Sludge by Alkaline Fly Ash and Mine Tailing	Hongling Zhang
25092	Promoting industrial symbiosis network Through public - private partnership: A case study of TEDA	Yu Qi
20333	Study on Heat Insulation Properties and Mechanical Behaviors of Multi-ribbed Composite Wall Structure	Xiaofeng Yu
25505	Research on State Environmental Data Center Construction	Shun Li
25093	Effect of the Complexity in Environmental System on Survival of Monimopetalum chinense, an Endangered and Endemic Species in China	Xie Guo-Wen
20098	Regional eco-risk analysis based on landscape structure and spatial statistics	Hualin Xie
20259	A Study on the Marine Ecological Carrying Capacity in Qingdao Based on Principle Component Analysis and Entropy	Hui Fu
20064	Removal of Heavy Metals in Municipal sludge by Using Acetic Acid-H ₂ O ₂ - Ferrite Way	Zuwei Wang
20561	Effect of Nano SiO ₂ on Pyrolytic Reaction of Phenol-Formaldehyde Resin	PENG Wan-xi
20544	The Application of Information Entropy in Regional allocation for Total Amount of Water Pollutants on the Principle of Equity	Yuan Wang

PaperID	Paper Title	Author
25215	A New Method For EELD Problem	Wu Yunna
20554	Natural Radioactivity Levels in the Pearl River Delta Economic Zone of Guangdong, China	Gang SONG
20708	STUFY ON DOSE ASSESSMENT OF CHRONIC ATMOSPHERIC RELEASES OF TRITIUM	Hui-fang SHEN
20227	Influence Factors on Plutonium Sorption in the Soil from a Candidate VLLW Disposal Site	Yanguo Teng
25333	Application of Spatial Information Search Engine Based on Ontology in Public health Emergence	Mao Xi
25083	Design and Application of Project Green Degree Evaluation System	WU Yunna
20847	Analysis of Influence Factors on the Air Environment in Underground Space	Qinghai Luo
20825	Genetic types of shallow-buried natural gases and their distributions in sedimentary basins	Yang Gao
25216	Biology Response of one Kind of Human Normal Flora under Different Static Magnetic Fields	DAI Qunwei
25135	Landscape change in the upper Min River based on RS and GIS, China	Yonghua Zhao
20617	Effect of Medium Intensity Noise Exposure on Emotional Learning and Memory of Young Mice	Cheng Liang
25361	Apply EDTA and NTA to extract Fe and Al ions from Sewage Sludges: Batch Study	Zhaoguo Gong
25114	Comparison of Atrazine Sorption and Degradation Properties in Packed and Intact Soil Columns	Danrong Zhang
25478	Effect of Scirpus planiculmis on the remediation of heavy metals of municipal sludge	Liyan Wang
20375	Treatment of Nisin Fermentation Wastewater by Fenton Oxidation Process	Huijie Zheng
25328	Experimental Study on the Erosion Effect of Seawater on Bridge Foundation	Qingfa Chen
25190	Photochemical behaviour of diphenolic acid in β -cyclodextrin and TiO ₂ suspensions	Li Guo
25131	Study on bio-ecological combination process with high efficiency and low energy consumption for municipal wastewater treatment	Xuenong YI
25420	Study on Influence of Radian and Longitudinal Offset of Worm Tongue on Fan Noise	Guodan Liu
20190	Labile Organic Carbon in Eroded Soil under Different Vegetation in Northwest of Liaoning Province, China	Lianfeng Wang
20925	Study on the Traffic Noise Control of Beijing-Pinggu Expressway	Bo Li
20845	Transport mechanism of suspended sediments in the Zhoushan Archipelago sea area, East China Sea	Rijun Hu
20776	Study on Treating Stench Wastewater Containing Dodecyl Mercaptan using Electrolyzing Sodium Chloride Solution	Guo Aihong
20738	Effects of Dispersant Addition on Diesel Oil Biodegradation in Marine Environment	Li Jincheng
20316	The Health Risk Assessment of Heavy Metals in the Circumstance of Dust in Shanghai Urban Parks	Lina Li
20798	Calculation of ecology filling water of south moat in Jinan based on the spring water inflow forecasting	Xiu-ling SUN
20370	An Introduction to the Vacuum Separate Collection and Transportation System of Excreta, Perishable Domestic Waste and Domestic Wastewater	Fei Gao
20161	Assessment of Nitrogen Loading in Miyun Reservoir Beijing Using Bayesian Decision Network	Jing Zhang
25161	Quantitative Assessment of Water Resources Vulnerability in Zhangjiakou region of Guanting Reservoir Basin, North China	Xuan Wang
20546	Analysis on the Sustainable Utilization of Water Resources in China	Yanshuang She
25450	Application of system dynamics in analyzing the water environment system: A case study of Harbin City	Qingxin Fan
20589	A Simplified Model for Conjunctive Use of Water Resources for Control of Soil Salinization in Eli River Valley	Mamattursun Eziz
20066	Research on optimal operation policy for water resource system during drought	Hongyuan FANG
20812	Effect on Microcystis aeruginosa inactivation by Manganese Copper Compositd Algaecide	ZHAO Liang
25335	Rainfall Runoff Simulation based on Dynamic Digital Terrain Model	Qiang Zhu
25461	Effects of initial pH and current density on the phosphate removal from source separated urine by electrocoagulation using iron plate electrodes	Xiang-yong Zheng
20521	Water quality evaluation of nearshore area using artificial neural network model	Ying Li
20954	River basin environmental flow calculation	Yiqing Guan
25282	Study on Constituents of Pollutant Flux of River Channels Joining to Taihu Lake in Southern Jiangsu	Jin Luo
20285	Study on the Eco-environmental Water Requirements in Mid and Downstream Regions of the Yellow River	Shuhua Ji
20497	Analysis of Organic Components in Landfill Leachat by SPME Coupled with GC-MS	Zhang Wenye

PaperID	Paper Title	Author
20765	Assessing Non-traditional Water Resources for High-rise Buildings in Australian Cities	Yan Zhang
20801	Geochemical Characteristics and Medical Values of Geothermal Water in Xi'an	Jia Ding
20067	Fuzzy Recognition Method for Best Management Practice of Urban Runoff Quality	Hongyuan Fang
25202	Study of Historical Changes of Lake landscape in the Middle Reaches of the Yangtze	Wei Xianhu
20834	Surface and Ground Water Quality in Eli River Valley, China	Cao Jingjing
25380	Origins and Characteristics of Organic Pollutants in the Shallow Groundwater Along Kuihe River, China	Dinglong Li
20163	Groundwater nitrate contamination in an agroecosystem in Zhangye Oasis, Northwest China	Yang Rong
20759	Experiment Study of Fluoride Desorption with Groundwater Infiltration in Soil	Zhongwei Zhao
20433	Reduction of bromate and natural organic matters (NOM) during the transition from fresh granular activated carbon (GAC) to biological activated carbon (BAC)	Kexin Zhang
20736	Agricultural non-point nitrogen pollution control function by Phragmites	Huashan Xu
20831	Gas Phase Effective Diffusion Coefficient of Gasoline and Characteristic Components in Dry Fine Sand	GAO Wen-qian
20054	Groundwater vulnerability assessment using DRTIC model in Jiaozuo City, China	Dong Zhang
20541	Influence of Incity River Sediment Dredging to Endogenous Release	Ying Xu
20774	A New Interpolation Meshing Method for Calculating Seepage Flux of Well	Shen Zhenzhong
20074	Response of sediment characteristics and zooplankton subfossil to trophic state change in Wuliangshuai Lake	Zhenying Liu
25218	Isolating and Denitrification Activity of the Dominant Bacterium in Chaohu Wetland	Jiazhong Qian
20875	Research on Water Ecological Services Value and Eco-compensation	Linyu Xu
20527	Particles Release on A Sea-freshwater Interface by Flow Velocity and Rate of Salinity Decrease Effects	Xilai Zheng
20159	Nitrate contamination of groundwater in Minqin oasis in northwestern arid region, China	Liu Wenjie
20439	Analysis on the Dominant Factors of Groundwater Contamination in Balasu Area in Northern Shaanxi Province of China	Yunfeng Li
20539	Effects of Colloid Release on Permeability of Water-bearing Media in different pH medium	Hai-ming LI
20326	Preliminary study on enhanced dissolved air floatation by pulsed high voltage discharge	Shidong Yang
20878	Study on the Effect of Soluble Reactive Phosphorus Removal by Fe-Mn Bimetal Oxide and Its Surface Chemistry	ZHAO Fu-wang
20357	Low temperature influence on package membrane bioreactor(MBR) operation in remote mountain areas	Lei Sun
20881	Effects of Inorganic on RO Membrane Initial Biofouling Formation	Han Yongping
20741	Safety Analysis of Seepage Control on the Tailing Dam of Ekou Iron Mine	Shen Zhenzhong
20907	The Forecast of the Surface Water Environment of Caohe River	Xu Peiyao
20056	A Novel Complexing Reagent Containing Bisdithiocarbamate Applicable to Determination of Trace Heavy Metal Ions	Qiang-Qiang Liao
20233	Study on Catalytic Ozonation/BAC Process for Advanced Drinking Water Treatment	Miao LIU
20478	Experimental study for effects of wind and temperature on salt release from sediments in a polder reservoir	Zhang Xiaolong
20463	UV-TiO ₂ photocatalytic disinfection and its influence on drinking water biological stability	ZHAO Jinhui
20763	Study on the Effect of Manganese(II) Removal with Oxidation and Coagulation Aid of Potassium Manganate	ZHAO Fu-wang
20871	Removal of Bromate by Ferrous Sulfate Reduction in Drinking Water	Zijun DONG
20390	Reduction of nitrate in water by nanoscale zero-valent iron particles and zeolite	Xu Chen
20784	Study on the Pre-treatment for Landfill Leachate	Yunxiao Jin
25458	Application of immobilized microorganism pellets and ion exchange resin combined process for micro-polluted water treatment	Yamei Dong
20592	Analysis of the Rainwater Inflowing into the Separated Sewage System	Zu-xin XU
20786	Chemical enhanced phosphorus removal from the effluent of micro-aerobic EGSB system	Dong Chunjuan
25434	Innovation of a new-style macromolecule compound flocculant and its application for treating copper heavy metal wastewater	Cui Yan

PaperID	Paper Title	Author
20044	Research on Degradation Pentachloronitrobenzene of Industrial Wastewater by White Rot Fungi	Qinglin Peng
25409	Studies of Catalytic Kinetic Spectrophotometric Determination of Trace Manganese (II) Sensitized by Microemulsion Medium	Nuo Zhang
20362	Chemical Characteristics of Shallow High-Fluoride Groundwater in Guanzhong Basin, China	Lin Deng
20479	Layered double hydroxides for the adsorption of fluoride from aqueous solution	Gang Yang
20496	Impacts of assimilable organic carbon during the coagulation by aluminum in drinking water	Tao Liang
20234	Pretreatment Based on Sulfhydryl Cotton Fiber Adsorption and Toluene Extraction for the Determination of Alkyl-mercury Compounds in Aqueous Samples Using Capillary GC	Rongfang YUAN
20840	Determination of trace amounts of organophosphorous pesticides in water using hollow fiber liquid phase microextraction combined with high performance liquid chromatography	Xuejiao Peng
25205	Detection of phenolate with a solvent polymeric membrane electrode	Huimin Guo
20313	Inactivation of Tubifex (<i>Monopylephorus limosus</i>) in Water by Six Common Disinfectants	Xu Chen
25383	Regime Shifts in the Huanghe Freshwater Discharge during the Past Fifty Years	Xun Gong
20787	Flow Injection Spectrophotometric Determination Iron(II) and Iron(III) in Environmental Samples	GONG Zheng-jun
25362	Highly Sensitive Determination of Trace Molybdenum (VI) by Catalytic Kinetic Spectrophotometry	Mei Yan
25363	Electrochemical determination of copper (II) based on three-dimensional L-cysteine monolayer assembled on gold nanoparticles	Yanping Cui
20739	Determination of Organic Chlorinated Pesticides in the Surface Water by Continuous Flow Solid-phase Microextraction Combined with Gas Chromatography Method	Li Wu
20145	Selective separation of Cd(II) ion from aqueous solution by Cd(II)-imprinted polymers	Limin Wang
25360	Determination of trace copper in natural waters using flow injection chemiluminescence system with on-line solid-phase extraction	Jinghua YU
20349	Arsenic Speciation in Sediments of Poyang Lake and Its Main Branches	Shujuan Liu
20380	Electrocoagulation – Microfiltration for Drinking Water Treatment: A case study with the typical micro-polluted source waters	Qiyang Feng
25443	Method of monitoring surface water quality based on remote sensing in Miyun reservoir	Xiwang Zhang
20289	Pay Attention to Rural Non-Point Source Pollution	Jingdong Zhang
20111	Chemical Entrapment of Divalent Lead By Ettringite	Jun-kang Lan
25223	Study of Konjac Glucomannan based Resin onto Ions of Heavy Metals	LUO Li-xin
25257	Variation Regularity of Ultraviolet Radiation and Its Relation with Meteorological Elements in Zhanjiang	Lingli Fan
20014	Improvement and application to Dilution Ratio Calculating Method	Ze Zhong ZHANG
25259	Effects and Kinetics of Chlorine Dioxide Removal Microcystin-RR	Ming-song Wu
20147	The prediction of pollution on underground water from ash-water of power plant ash-field	Xu Peiyao
25401	Buffering characteristics of sediments phosphorus in Daming Lake, China	Xiaoming Wang
20369	Impacts of Sandification on Ecological Functions and Conservation Measures in Xianghai Wetlands	Wenjin Zhao
25311	Study of the Electrosorption Desalination by Carbon Aerogel Electrodes	Zhi Li
25068	A comparative study of the public health emergency management mechanisms between US and China	Jiaxiang Hu
20379	An Effective Way to Determine Maximum Capacity of Pump Stations for Urbanized Polders	Gao Cheng

Part V: Instructions for Presentations

Oral Presentation

Devices Provided by the Conference Organizer:

- Laptops (with MS-Office & Adobe Reader)
- Projectors & Screen
- Laser Sticks

Materials Provided by the Presenters:

- PowerPoint or PDF files

Duration of each Presentation (Tentatively):

- Regular Oral Session: 15 Minutes of Presentation, 5 Minutes of Q&A
- Keynote Speech: 40 Minutes of Presentation, 5 Minutes of Q&A

Poster Presentation

Materials Provided by the Conference Organizer:

- X Racks & Base Fabric Canvases (60cm × 160cm, see the figure below)
- Adhesive Tapes or Clamps

Materials Provided by the Presenters:

- Home-made Posters

Requirement for the Posters:

- Material: not limited, can be posted on the Canvases
- Size: smaller than 60cm × 160cm
- Content: for demonstration of the presenter's paper

Requirement for the Presenters:

- Stand beside his (her) Poster through the Session, and discuss with the readers about his (her) paper



Part VI Hotel Information

1. About Hotel

Located in the central area of Zhong Guan Cun High-tech Garden, Beijing Friendship Hotel is in No. 1 South St. of Zhong Guan Cun in Haidian District with some famous site scene like Summer Palace, Winter Palace and Xiangshan, there are also some well-known universities including Beijing University and Tsinghua University. As the largest garden hotel in Asia, Beijing Friendship Hotel is recorded into World Architecture Annals published by Cambridge in UK for its large area and typical folk style. Its Chinese taste may be found in its garden architectures, and more history might be discovered with more understanding.

Address: 1 Zhongguancun South St. Beijing 100873, P.R.China

2. Hotel Map



3. How to get to the hotel

- 15km to city center (about 20 minutes)
- 10km to coach station (about 10 minutes)
- 10km to railway station (about 10 minutes)
- 40km to airport (about 20 minutes)