



Afternoon-Saturday 17 October-Detailed Program

1330-1720 Topic A3&4 Room Baiyun	Toxicoproteomics and Toxicogenomics Moderators: Hitoshi Iwahashi, Xuan-Xian Peng, Shunqing Xu
1330-1350 A301 P.	Proteomic analysis for testis of rats chronically exposed to perfluorododecanonic acid <i>Jiayin Dai</i>
1350-1410 A302 P.	Evaluation of the physiology of medaka as a model animal for standardized toxicity tests of chemicals using mRNA expression profiling <i>Hitoshi Iwahashi</i>
1410-1430 A303 P.	Application of OMICS data to human health risk assessment of environmental chemicals <i>Yue Ge</i>
1430-1450 A304 P.	Differential regulation of proteins and phosphoproteins in rice under drought stress <i>Huaqin He</i>
1450-1520 A305 P.	Network regulating of streptomycin-resistant outer membrane proteins in Escherichia coli <i>Hui Li</i>



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1520-1540 A306 P.	Proteomic response in hepatic tissue of zebrafish (<i>Danio rerio</i>) experimentally exposed to microcystin-LR <i>Ming-Hua Wang</i>
1540-1600 A307 P.	Ciguatera: Development of Analytical, Bioassay and Immunological Detection Methods and Assessment of Environmental Transfer in Marine Food Webs <i>Chan-Lai Leo</i>
1600-1620 A308 P.	Characterization of outer membrane proteins and EnvZ/OmpR two-component signal transduction system of <i>Escherichia coli</i> in response to a phenol stress <i>Xuan-Xian Peng</i>
1620-1640 A309 P.	Differential expression of miRNAs in response to PFCs in zebrafish <i>Shunqing Xu</i>
1640-1700 A310 P.	Functional genomics analysis of <i>Desulfovibrio vulgaris</i> <i>Qiang He</i>
1700-1720 A311 P.	Nanometer SiO ₂ induces toxicological effects and protein expression alteration in HaCaT cells <i>Xifei Yang</i>
1720-1740 A312	The DIGE Proteomic Study on the Cytotoxicity Caused by nm-SiO ₂ with Different Particle Diameters in HaCaT Cells <i>Jianjun Liu</i>

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1720-1740	Cloning, expression and proteomic studies of two different dioxygenase systems responsible for initial degradation of phenanthrene in Burkholderia sp. C3 <i>Panlada Tittabutr</i>
1330-1700 Topic A6 Room Liyuan	DNA Damage, Repair and Genotoxicity Moderator: Weiguo Chao
1330-1350 A601 P.	Genotoxic effects and repair of DNA-protein crosslink lesions <i>Hiroshi Ide</i>
1350-1410 A602 P.	<i>Opening Remarks</i> <i>Weiguo Cao</i>
1410-1430 A603 P.	Inhibition of DNA damage repair as a mechanism of arsenic carcinogenesis <i>Ke Jian Liu</i>
1430-1450 A604 P.	Genome-wide analysis of genotoxicity induced by carcinogenic pyrrolizidine alkaloid in Big Blue rats <i>Nan Mei</i>
1450-1520 A605 P.	A new strategy to inform the mode-of action (MOA) assessment of carcinogens that are mutagens but not necessarily mutagenic carcinogens <i>Martha M. Moore</i>
1520-1540 A606 p.	Toxicity and carcinogenicity of arsenic <i>Jack Ng</i>



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1540-1600 A607 P.	Genotoxicity induced by the benzene metabolite, hydroquinone in A549 cell <i>Cheng Peng</i>
1600-1620 A608 P.	DNA repair protein modification and degradation in response to UV irradiation <i>Qien Wang</i>
1620-1640 A609 P.	Cellular responses to genotoxic damage induced by exposure to environmental agents <i>Altaf A. Wani</i>
1640-1700 A610 P.	Gene-toxic and detoxic interaction process of calf thymus DNA with cationic/anion surfactants <i>Rutao Liu</i>
1330-1805 Topic B2 RoomMeiyuan	Soil and Groundwater Remediation Moderator: Hao Zhu
1330-1355 B201	Soil & Groundwater Contamination and Remediation History and Status in China <i>Shaun Xie</i>
1355-1420 B202	Characterization of Petroleum Contaminants in Soil and Groundwater: a Forensic Approach <i>Jun Lu</i>
1420-1445 B203	A Novel Delivery Vehicle of Nano-scale Zero Valent Iron for Subsurface Remediation <i>Xiqing Li</i>
1445-1510 B204	Bioremediation of Contaminated Soil from an Abandoned Coking Plant <i>Xiaoxia Lu</i>



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1510-1535 B205	Heavy Metal and Radionuclide Bioremediation under Unfavorable Environmental Conditions: Functional Genomics Insights <i>Qiang He</i>
1600-1625 B206	Results-based Corrective Action Processes at a Former Explosive Manufactory Plant <i>Hao Zhu</i>
1625-1650 B207	Simultaneous Competitive Adsorption and Desorption of Tetracycline and Cadmium(II) on Cinnamon Soil <i>Ying Wan</i>
1650-1715 B208	Modeling Reductive Dechlorination by Anaerobic Mixed Cultures During Bioenhanced DNAPL Dissolution Topic B: Environmental Pollution and Protection <i>Mingjie Chen</i>
1715-1740 B209	Simultaneous Removal of Sulfide and Organics with Vanadium(V) Reduction in Microbial Fuel Cells <i>Baogang Zhang</i>
1740-1805 B210	Electrochemical Treatment of Landfill Leachate for Nitrogen Removal <i>Xiaoyan Li</i>
1330-1805 Topic B4 Room Huanhe	Water Treatment and Operations <i>Moderators: Xuehua Bai, Rengao Song</i>



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1330-1355 B410	Improvement of the Adsorption Pyrolysis Titrimetric Method for the Measurement of Drinking Water Total Organic Halogen <i>Yao Li</i>
1355-1420 B411	Water Quality Safety and Approaches for its Guarantee in Advanced Treatment of Drinking Water <i>Jinsong Zhang</i>
1420-1445 B412	Removal of Organic Pollutants by Biological Pretreatment from Eutrophic Raw Water <i>Guangcan Zhu</i>
1445-1510 B413	Case Studies on Energy Efficiency Studies Using A Calibrated Hydraulic Model <i>Xuehua Bai</i>
1510-1530 B414	Pathogenic Microbes in Well Waters of South Goa in India, a Threat to Public Health. <i>I. Furtado</i>
1600-1625 B415	Treatment of Aqueous EDCs by Artificial and Natural Oxidation Processes <i>Yutaka Sakakibara</i>
1625-1650 B416	Comparing Organic Precursor Removals from Slow and Rapid Rate Biofiltration Systems <i>M. Robin Collins</i>
1650-1715 B417	Integrated optimization of ozonation in water treatment <i>Rengao Song</i>



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1715-1740 B418	Automatic Meter Reading: A Valuable Tool for Water Distribution System Modeling <i>Xuehua Bai</i>
1740-1805 B419	Maximizing Production and Utilization of Landfill Gas <i>Xu Fei (Philip) Wu</i>
All Day Topic B5:	Poster Presentations
B501	The Degradation of Tetracycline and Oxytetracycline in Soils and the Effect of Soil Organic Matter and Soil Microorganism <i>Yanyu Bao</i>
B502	Denitrification by Gaseous Oxidation in Liquid Phase <i>Limei Cao</i>
B503	Tracing the Fate of Ammonium-enriched Wastewater Nitrogen in Constructed Mangrove Wetland <i>Chuling Guo</i>
B504	Study on absorption purge of harmful gas in confined space <i>Li-an Hou</i>
B505、	Study on Heating Regeneration Methods of Particulate Filters for Diesel Vehicle <i>Xin Li</i>



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B506	Using Combined Receptor Model to Study the Near Collinear Source Contributions <i>Guo-Liang Shi</i>
B507	Analysis on Recycling System of Municipal Solid Waste Management in China <i>Song Yu</i>
B508	Distributions of polycyclic aromatic hydrocarbons (PAHs) in PM 2.5 and PM 10 in Tanggu Area, Tianjin New Coastal District (Binhai New Area), China <i>Dan Yang</i>
B509	The Co-Effect of Unknown Source and Collinearity Problem in Urban Resuspended Dust Apportionment <i>Fang Zeng</i>
B510	The Study of Indicator Framework of Cleaner Production in the Tertiary Industry <i>Guowei Zhu</i>
B511	Development of River Health Assessment and Practice in China <i>Zhangping Wei</i>
B512	Primary Study of Ozonation Application of Sludge Reduction <i>Shiyun Zhu</i>
1330-1700 Topic D2 Room Cuiwei	Water Quality Monitoring, Modeling and Forecasting Moderators: Chih-Hua Chang, Xuyong Li



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1330-1355 D201	Mapping reservoir water quality with the spaceborne Formosat-2 multi-spectral imagery and the airborne Intelligent Spectral Imager System hyper-spectral imagery <i>Chih-Hua Chang</i>
1445-1510 D202	Predicting water and nutrient discharges impacted by urban development and climate change: a case study in Chesapeake Bay <i>Xuyong Li</i>
1520-1540 D203	Climate and vegetation change as revealed by Holocene phytoliths records in sediments from Pangani basin, Tanzania and Yangtze basin China <i>Ceven Shemsanga</i>
1540-1600 D204	Source apportionment of POPs in the NY/NJ Harbor <i>Baohua Xiao</i>
1600-1620 D205	Water quality protection of the upper Han River for the Middle Route of the South-North Water Transfer Project, China <i>Siyue Li</i>
1620-1640 D206	Study of Eutrophication Level and Annual Variation in Zhejiang Coastal Areas <i>Yi-ming WANG</i>
1640-1700 D207	Effect of acid mine drainage on leaf breakdown in a subtropical stream of southern China <i>Zhao-ying Guan</i>



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<p>1330-1700 Topic D3b Room TBD</p>	<p>Remote Sensing of Environment</p> <p>Moderators: Knut Stamnes, Peng Zhang, Guang Guo</p>
<p>1330-1355 D308</p>	<p>Satellite Observation of Trace Gases in the Middle to Upper Troposphere Using Infrared Sounders</p> <p><i>Xiaozhen Xiong, Chris Barnet</i></p>
<p>1355-1420 D309</p>	<p>STRAW BURNING DISTRIBUTION AND ITS IMPACT ON AIR POLLUTION BASED ON MODIS REMOTE SENSING MONITORING</p> <p><i>qing Li</i></p>
<p>1420-1445 D310</p>	<p>SATELLITE OBSERVATIONS OF TROPOSPHERIC SO₂ OVER CHINA DURING 2005-2007</p> <p><i>Xingying Zhang</i></p>
<p>1445-1500 D311</p>	<p>Aerosol monitoring from HJ-1 CCD camera</p> <p><i>Zhongting Wang</i></p>
<p>1500-1515 D312</p>	<p>VEGETATION COVER CHANGE AND THEIR RELATIONSHIP WITH RAINFALL AND POLICY IN DIFFERENT PHYSIOGNOMY AREAS OF LOESS PLATEAU</p> <p><i>Zhihong Liu</i></p>
<p>1545-1600 D313</p>	<p>THE ANALYSIS OF MONTHLY NDVI EVOLUTION PROCESS AND THE SEPARATION OF SPATIAL-TEMPORAL STRUCTURE IN THE YANGTZE RIVER VALLEY</p> <p><i>Xiaodong Li</i></p>



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1600-1615 D3.14	SPATIAL AND TEMPORAL VARIATION IN SNOW COVERS IN THE TIBETAN PLATEAU <i>Basang</i>
16:15-16:30 D315	Traffic restrictions associated with Olympic Games in BEIJING:Reductions of NO ₂ from satellite measurements <i>Dong Han</i>
1630-1645 D316	Haze Monitoring Model For Beijing Olympic Games <i>Shenshen Li</i>
1645-1700 D317	Retrieval and validation of gobal total column ozone from FY-3A/TOU <i>Weihe Wang</i>
Topic E 1330-1740 Room Panlong	Green Economy, Environmentally-Friendly Society and Sustainable Policy Moderator: Jinnan Wang
1330-1400 E001	The Development and Outlook of Green Economy for China <i>Jin-nan Wang</i>
1400-1420 E002	Financial Management Practices to Support Sustainable Development <i>Robert K. Miller</i>
1420-1440 E003	The Latest Developments of Emission Trading in China <i>Yan Gang</i>



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1440-1500 E004	How a City Playing a Role in Water Management and Sustainable Development? <i>Jason Wen</i>
1500-1520 E005	Levels and Trends of Pollutants Generated by E-Waste Activities in China <i>BRENDA NATALIA LOPEZ NINO</i>
1520-1540 E006	A Review of Scenario Analysis in Strategic Environmental Assessment <i>Zhu Zhixi</i>
1600-1620 E007	Integrated Master Planning for Stormwater Management – Building a Sustainable and Green University Campus <i>Yan Zhang</i>
1620-1640 E008	Design with the Land - A Site Sensitive and Sustainable Design Approach <i>Mack R. Cain, RLA, LEED AP</i>
1640-1700 E009	Environmental Physics and Living Environmental of Mankind <i>William D. Q. Fang</i>
1700-1720	Overview and Case Studies on Clean Energy and Energy Efficiency under Sino-Italian Cooperation Programme for Environmental Protection <i>Yangzhao SUN</i>
1720-1740 E010	Coastal Barrier Island Ecosystem Repair/ Restoration as a Mitigation Means of Mainland Disaster Protection Against Water and Wind Forces <i>Randy Knott</i>