

The 3rd International Congress of Environment-2013

Theme: Ecology and Sustainable Development

September 26-28, 2013, Xi'an, China

Session 1: Environmental Science	
<i>Time: 08:30-12:10, September 27, 2013 (Friday); Place: Room No.402, 4th Floor, QICC</i>	
Chair	Dr. Herbert E. Allen , Professor and Director, University of Delaware, USA
Co-Chair	Dr. Kermit Ritland , Professor, University of British Columbia, Canada
08:30-08:35	Chair's Introduction
08:35-08:55	Title: Hexabromocyclododecane (HBCDD) - A Brominated Flame Retardant Used in Polystyrene Insulation Dr. Allan Astrup Jensen , Research Director/CEO, Nordic Institute for Product Sustainability, Environmental Chemistry and Toxicology, Denmark
08:55-09:15	Title: Global Alert, Linking Rivers to the Ocean - Floating Trash. Using Community Reporting for Collaborative Change Dr. Doug Woodring , Founder, Ocean Recovery Alliance, Hong Kong, China
09:15-09:35	Title: Natural Selection on Gene Expression Evolution Dr. Kermit Ritland , Professor, University of British Columbia, Canada
09:35-09:55	Title: Do Larch Monocultures Induce Pest Outbreaks in Northern China? Dr. Kari Heliovaara , Professor, University of Helsinki, Finland
09:55-10:15	Title: Planning Location-based Mobile Learning in ESD and in Environmental Education – An Empirical Study Using a Theory Based Research Framework Dr. Armin Lude , Professor of Biology and Biology Education, Ludwigsburg University of Education, Germany
10:15-10:30	Coffee Break
10:30-10:50	Title: Fate of Antibiotics in Soils in Presence of Metallic Cations Dr. Emmanuel Guillon , Professor, Reims Champagne-Ardenne University, France
10:50-11:10	Title: Global Warming and Climate Change: 45 Million-year-old Rocks in Wyoming Support the Concept Dr. R.C. Surdam , Director, University of Wyoming Carbon Management Institute, USA
11:10-11:30	Title: Functional Investigation in Microalgae Needs More than a Transcriptomic Approach Dr. Schoefs Benoit , Professor of Plant Physiology, University of Maine at Le Mans, France
11:30-11:50	Title: Extreme Weather ALtering Ecosystems Performance and Their Carbon-storage Capacity Dr. Chuixiang Yi , Assistant Professor, Queens College, USA
11:50-12:10	Title: Understanding Partitioning of Munitions Constituents to Soil Dr. Herbert E. Allen , Professor and Director, University of Delaware, USA

Session 2: Advanced Environmental Technologies and Equipment

Time: 08:30-11:45, September 27, 2013 (Friday); Place: Room No.405, 4th Floor, QICC

Chair	Dr. Jinsong Wu , Chair, IEEE TSCGCC, IEEE Senior Member, Alcatel-Lucent, China
Co-Chair	Ms. Nicola Watson , Environmental Business Development Manager, Markes International, UK
08:30-08:35	Chair's Introduction
08:35-09:00	Title: <i>Innovative Approaches to Utilising Electric Vehicles in Public Service Delivery in the Yorkshire & Humber Region</i> Councillor Roger Stone , Local Government Yorkshire and Humber, UK
09:00-09:25	Title: <i>Blue Green Solutions for Improvement of Urban Environmental Services and Quantification of Performance Indicators</i> Dr. Cedo Maksimovic , Professor, Imperial College London, UK
09:25-09:50	Title: <i>Green Information and Communications Technologies and their Environmental Impact</i> Dr. Jinsong Wu , Chair, IEEE TSCGCC, IEEE Senior Member, Alcatel-Lucent, China
09:50-10:15	Title: <i>New Advances in Environmental Air Monitoring</i> Ms. Nicola Watson , Environmental Business Development Manager, Markes International, UK
10:15-10:30	Coffee Break
10:30-10:55	Title: <i>Environmental Monitoring Using Measurements from Wireless Communication Networks</i> Ms. Hagit Messer , Professor, School of Electrical Engineering, Israel
10:55-11:20	Title: <i>A Pilot Study of Enhanced Bioremediation Of NAPL-Contaminated Soil in Northern Region</i> Dr. Baiyu Zhang , Assistant Professor, Faculty of Engineering and Applied Science at Memorial University of Newfoundland, Canada
11:20-11:45	Title: <i>Environmental Education and Architecture</i> Ms. Hacer Mutlu Danaci , Faculty Member, Department of Architecture, Turkey

Session 3: Environmental Pollution and Remediation Technologies (Part I)	
<i>Time: 13:30-17:35, September 27, 2013 (Friday); Place: Room No.402, 4th Floor, QICC</i>	
Chair	Dr. Richard Haynes , Professor of Soil and Environmental Science, The University of Queensland/CRC CARE, Australia
Co-Chair	Dr. James Li , Professor, Ryerson University, Canada
13:30-13:35	Chair's Introduction
13:35-14:00	Title: <i>Use of Constructed Wetlands to Remove Inorganic Contaminants from Wastewater Streams – An Overview</i> Dr. Richard Haynes , Professor of Soil and Environmental Science, The University of Queensland/CRC CARE, Australia
14:00-14:25	Title: <i>Control of Chemical Spill Pollution in Urban Rivers</i> Dr. James Li , Professor, Ryerson University, Canada
14:25-14:50	Title: <i>Speciation of Cr(III)/Cr(VI) in Contaminated Water; A Surface Characterization Approach</i> Dr. Hylton G. McWhinney , Professor and Assistant Dean, Prairie View A&M University, USA
14:50-15:15	Title: <i>Potential Impacts of Radioactive Contamination on Drinking Water in Collinear Reservoirs Using CCHE2D Model</i> Dr. Yafei Jia , Associate Director, National Center for Computational Hydroscience and Engineering, University of Mississippi, USA
15:15-15:30	Coffee Break
15:30-15:55	Title: <i>Water Pollution: Challenges and Solutions</i> Dr. Jean Francois Donzier , General Manager, International Office for Water, France
15:55-16:20	Title: <i>Sediment and River Remediation Using Biocatalyst -- An Innovative Green Technology</i> Dr. Nian She , Professor and Deputy Director at Ecological Technology Institute of

	Construction Engineering, Shenzhen University, China
16:20-16:45	Title : <i>Environmental and Ecological Benefits of Green Infrastructure – A New York City Perspective</i> Dr. Zhongqi (Joshua) Cheng , Associate Professor, Brooklyn College of the City University of New York, USA
16:45-17:10	Title: <i>Performance of an Integrated System of Microbial Fuel Cell and Membrane Bioreactor: Nitrogen Removal, Energy Recovery and Membrane Fouling Mitigation</i> Dr. Yu Tian , Deputy Dean, Harbin Institute of Technology, China
17:10-17:35	Title: <i>Low-cost and Sustainable in-situ Treatment of Groundwater Containing Iron, Manganese and/or Arsenic – Case Studies from Germany and India</i> Dipl.-Ing. Manuel Krauss , Researcher, Institute for Sanitary Engineering, Water Quality and Solid Waste Management, University of Stuttgart, Germany

Session 3: Environmental Pollution and Remediation Technologies (Part II)	
<i>Time: 13:30-17:35, September 27, 2013 (Friday); Place: Room No.405, 4th Floor, QICC</i>	
Chair	Dr. Schatzmann Michael , Professor, University of Hamburg, Germany
Co-Chair	Dr. Sigbert Huber , Head of Department Soil and Land Management, Environment Agency Austria, Austria
13:30-13:35	Chair's Introduction
13:35-14:00	Title: <i>Validation of Urban Air Pollution LES Models</i> Dr. Schatzmann Michael , Professor, University of Hamburg, Germany
14:00-14:25	Title: <i>Reductive Anaerobic Dechlorination at a PCE/TCE Contaminated Site</i> Dr. Ken Tse , Director, Environ, China
14:25-14:50	Title: <i>PEEX "Pan-Eurasian Experiment" - A Multidisciplinary Climate Change, Air Quality, Environment and Research Infrastructure Program</i> Dr. Joni Kujansuu , PEEX Project Officer, University of Helsinki, Finland
14:50-15:15	Title: <i>Progress of Contaminated Sites Management in Europe</i> Dr. Sigbert Huber , Head of Department Soil and Land Management, Environment Agency Austria, Austria
15:15-15:30	Coffee Break
15:30-15:55	Title: <i>Indoor Air as a Source of Mercury to Urban Atmosphere</i> Dr. Julia Lu , Professor, Ryerson University, Canada
15:55-16:20	Title: <i>Heavy Metal Contamination in Urban Soils and Current Remediation Technologies</i> Dr. Zhongqi (Joshua) Cheng , Professor, Director, Brooklyn College, USA
16:20-16:45	Title: <i>Long-term Effects and Remediation After a Major Nuclear Accident</i> Mr. Sjoblom Rolf , Manager, Tekedo AB, Sweden
16:45-17:10	Title: <i>The Integration of Geological CO2 Storage with Enhanced Oil Recovery in the Ordos Basin, China – Applying the Experiences Learned from Wyoming</i> Dr. Zunsheng Jiao , Chief Geologist, University of Wyoming, USA
17:10-17:35	Title: <i>Proposal for Design of a Constructed Wetland for Wastewater Treatment at the Tolima University Laminas Filtrantes TM</i> Mr. Cesar Mauricio Rodriguez , Tolima University, Colombia

Session 4: Treatment and Reutilization of Industrial Wastes	
<i>Time: 08:30-11:20, September 28, 2013 (Saturday); Place: Room No.211, 2nd Floor, QICC</i>	
Chair	Dr. Bernhard W. Vosteen , President, Vosteen Consulting GmbH, Germany
Co-Chair	Mr. Paul Davison , Managing Director, Proteus Public Relations Limited, UK

08:30-08:35	Chair's Introduction
08:35-09:00	Title: <i>Simulation of Pesticide Fate in Soils with Subsurface Drains - With Special Emphasis on Preferential flow Phenomena</i> Dr. Soren Hansen , Professor, Copenhagen University and Sino-Danish Center for Education and Research, Denmark
09:00-09:25	Title: <i>Hazardous Waste Combustion – Prolongation of Rotary Kiln Brick Life by Controlled Protective Slagging of the Inner Kiln Walls</i> Dr. Bernhard W. Vosteen , President, Vosteen Consulting GmbH, Germany
09:25-09:50	Title: <i>Encouraging Positive Public Acceptance of Energy From Waste Technologies</i> Mr. Paul Davison , Managing Director, Proteus Public Relations Limited, UK
09:50-10:15	Title: <i>50 Years of Hazardous Waste Incineration in Germany - A Good Solution for the Treatment of Industrial Waste</i> Mr. Markus Gleis , Member of the Scientific Staff, Federal Environment Agency , Germany
10:15-10:30	Coffee Break
10:30-10:55	Title: <i>The Emerging Contaminants, PFCs and PBDEs, in Aquatic Organisms from a Tropical Coast</i> Dr. Isabel Maria , Professor, Pontifical Catholic University of Rio de Janeiro, Brazil
10:55-11:20	Title: <i>Biomass from Microbial Carbon Sequestration Using Flue Gas</i> Dr. Ranjan Pradhan , Proprietor, Indocan Technology Solution, Canada

Session 5: Environment and Society	
<i>Time: 08:30-11:45, September 28, 2013 (Saturday); Place: Room No.212, 2nd Floor, QICC</i>	
Chair	Dr. Cedo Maksimovic , Professor, Imperial College London, UK
Co-Chair	Dr. Julieanna Powell-Turner , Course Director, Cranfield University, UK
08:30-08:35	Chair's Introduction
08:35-09:00	Title: <i>Blue Green Solutions for Improvement of Urban Environmental Services and Quantification of Performance Indicators</i> Miss Yi Chen , Tianjin Research Institute for Water Transport Engineering, M.O.T, Tianjin, China Dr. Cedo Maksimovic , Professor, Imperial College London, UK (Presentator)
09:00-09:25	Title: <i>The GLObal Systems Which May Impinge on the Security of Material Availability for Future UK Defence Equipment and Services?</i> Dr. Julieanna Powell-Turner , Course Director, Cranfield University, UK
09:25-09:50	Title: <i>Impacts of Environmental Pollution on Children's Health in China</i> Dr. Jinliang Zhang , Professor and Director, Chinese Research Academy of Environmental Sciences, China
09:50-10:15	Title: <i>Meta-synthetic Strategies for Reuse of Public Sector Information Resources for Smart City: Case Studies of Smart Travelling Projects</i> Dr. Xiaomi An , Professor, Renmin Universtiy of China, China
10:15-10:30	Coffee Break
10:30-10:55	Title: <i>Manganese Levels in Blood in Urban Population Aged 40 or More in a City in the Southern Brazil</i> Dr. Monica M. B. Paoliello , Associate Professor, State University of Londrina (UEL),Brazil
10:55-11:20	Title: <i>Under Preparation</i> Dr. Luis R Vera , Director, National Polytechnic Institute, Mexico
11:20-11:45	Title: <i>Children and Science: Our Future and Fountain of Youth</i> Mr. James Kelley , Public Heathy Candidate, Jackson State University, USA

Session 6: Environmental Economic and Trade	
<i>Time: 13:30-15:15, September 28, 2013 (Saturday); Place: Room No.211, 2nd Floor, QICC</i>	

Chair	Dr. Irena Twardowska , Head of the Department on Non-Point Contamination of the Environment Institute of Environmental Engineering of the Polish Academy of Sciences, Poland
Co-Chair	Dr. Ali Harlin , Professor, VTT Technical Research Centre of Finland, Finland
13:30-13:35	Chair's Introduction
13:35-14:00	Title: <i>Renewal of Lingocellulosic Products</i> Dr. Ali Harlin , Professor, VTT Technical Research Centre of Finland, Finland
14:00-14:25	Title: <i>Integrated Ecosystem Approach: Current Status, Problems and Prospects</i> Dr. Irena Twardowska , Head of the Department on Non-Point Contamination of the Environment Institute of Environmental Engineering of the Polish Academy of Sciences, Poland
14:25-14:50	Title: <i>PDP: How Corporate Sustainability Can Reduce the Environmental Impacts of Plastic</i> Mr. Andrew Russell , Director, Ocean Recovery Alliance, Hong Kong, China
14:50-15:15	Title: <i>Relationship of Marine Science and Technology Progress and Marine Economic Growth--Based on China's Coastal Provinces a Panel Data Model Analysis</i> Dr. Linhai Mei , Professor, School of Economics, Jinan University, China

Session 7: Environmental Planning and Management	
<i>Time: 15:30-17:40, September 28, 2013 (Saturday); Place: Room No.211, 2nd Floor, QICC</i>	
Chair	Mr. Markus Gleis , Civil Engineer, Federal Environment Agency, Germany
Co-Chair	Dr. R.C. Surdam , Director, University of Wyoming Carbon Management Institute, USA
15:30-15:35	Chair's Introduction
15:35-16:00	Title: <i>Alternative Thermal Processes for Waste Treatment- A Critical Review on New Technologies</i> Mr. Markus Gleis , Civil Engineer, Federal Environment Agency, Germany
16:00-16:25	Title: <i>An Innovative Multiple-resource Development Strategy Designed to Foster Sustainability of Energy and Environmental Resources</i> Dr. R.C. Surdam , Director, University of Wyoming Carbon Management Institute, USA
16:25-16:50	Title: <i>Domestic and Overseas Exploration and Practice on Legislation of Environmental Education</i> Dr. Jiazhen He , Deputy Director, CEEC, China
16:50-17:15	Title: <i>Lifetime Education</i> Dr. Jean-Marie Wauthier , Chief Engineer-Head of Environmental Desk, Wallonie- Bruxelles International, France
17:15-17:40	Title: <i>Managing Adaptation to Environmental Change in Small Islands and Other Coastal Communities</i> Dr. Patrick Watson , Chairman, Trinidad and Tobago Securities and Exchange Commission (TTSEC) , Trinidad and Tobago

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