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2022 BRICS Urbanization Green Innovation Young Scientist Conference

Conference Agenda

Time: 9:00-18:00, Tuesday 10 May, 2022 (GMT+8, Beijing)

Zoom Meeting ID:862 6253 2112, Passcode:533785

Organizers:

**South China Institute of Environmental Sciences, Ministry of
Ecology and Environment of China**

**State Environmental Protection Key Laboratory of Urban Ecological
Environment Simulation and Protection**

Opening Ceremony

09: 00-09: 35

09: 00-09: 35	Moderator: Mr. Mingyi Liang, Researcher, Director of Urban Ecology and Environment Center, South China Institute of Environmental Sciences, MEE
09: 00-09: 05	Introduction
09: 05-09: 20	Welcome Speech
09: 20-09: 35	Academician's Remarks: China: Dr. Zhifeng Yang, Academician of Chinese Academy of Engineering Russia: Dr. Sergey N. Bobylev, Academician of the Russian Academy of Natural Sciences and the Russian Ecological Academy India: Dr. S Venkata Mohan, Senior Principal Scientist
Speech 09: 35-12: 00	
09: 35-10: 20	Session 1 Policies for Sustainable Environment Moderator: Dr. Chen Chen, Senior Engineer, South China Institute of Environmental Sciences, MEE
09: 35-09: 50	Speech Topic: Innovation orientation of China' SDG policy Dr. Zhanfeng Dong, Researcher, Chinese Academy of Environmental Planning (China)
09: 50-10: 05	Speech Topic: Urban trees for climate change mitigation and adaptation in cities Dr. Weiqi Zhou, Researcher, Research Center for Eco-Environmental Sciences, Chinese Academy of Sciences (China)

10: 05-10: 20	<p>Speech Topic: Nature-based solution for urban climate mitigation</p> <p>Dr. Zhaowu Yu, Researcher, Fudan University (China)</p>
10: 20-12: 00	<p>Session2: Mechanisms of Pollutant Behavior and Fate</p> <p>Moderator: Dr. Shan Huang, South China Institute of Environmental Sciences, MEE/</p> <p>Dr. Diwen Liang, Assistant Researcher, South China Institute of Environmental Sciences, MEE</p>
10: 20-10: 35	<p>Speech Topic: Wastewater into energy: how microbial fuel cells can make that happen</p> <p>Dr. Fernanda Leite Lobo, Associate Professor, Federal University of Ceará (Brazil)</p>
10: 35-10: 50	<p>Speech Topic: Typhoon effects on element cycles in estuarine ecosystem</p> <p>Dr. Shan Huang/Dr. Chen Chen, Senior Engineer, South China Institute of Environmental Sciences, MEE (China)</p>
10: 50-11: 05	<p>Speech Topic: Unique microbiome in organic matter-polluted urban rivers</p> <p>Dr. Shanquan Wang, Professor, Sun Yat-Sen University (China)</p>
11: 05-11: 20	<p>Speech Topic: Innovative techniques for freshwater conservation and biological monitoring in Southern Africa</p> <p>Dr. Samuel Nkopane Motitsoe, Associate Professor, Rhodes University (South Africa)</p>
11: 20-11: 35	<p>Speech Topic: The discovery and application of anaerobic ammonium oxidation coupled with iron reduction in China</p> <p>Dr. Chen Chen, Senior Engineer, South China Institute of Environmental Sciences, MEE (China)</p>
11: 35-12: 00	<p style="text-align: center;">Q&A</p>

Lunch & Break

(12: 00-14: 00)

Speech

14: 00-16: 45

14: 00-16: 00	Session 3: Technologies for Pollutant Control Moderator: Dr. Asheesh Kumar Yadav, Researcher, CSIR-Institute of Minerals and Materials Technology/ Dr. Sai Liang, Professor, Guangdong University of Technology
14: 00-14: 15	Speech Topic: Coupling of microbial electrochemical technology with constructed wetlands for enhancing wastewater treatment and resource recovery Dr. Asheesh Kumar Yadav, Researcher, CSIR-Institute of Minerals and Materials Technology (India)
14: 15-14: 30	Speech Topic: From COVID-19 coronavirus to biological contaminants: challenges and preliminary reflections Dr. Xiaoli Zhao, Researcher, Chinese Research Academy of Environmental Sciences (China)
14: 30-14: 45	Speech Topic: Critical R&D issues in solid waste management Dr. Sunil Kumar, Researcher, CSIR-National Environmental Engineering Research Institute (India)
14: 45-15: 00	Speech Topic Analytical methods for determination of emerging contaminants and new remediation technologies in wastewater reclamation Dr. Bhekumuzi Gumbi, Researcher, University of KwaZulu-Natal (South Africa)
15: 00-15: 15	Speech Topic: Phycotechnology-path towards sustainability Dr. Kiran Bala, Researcher, Indian Institute of Technology Indore (India)

<p>15: 15-15: 30</p>	<p>Speech Topic: State policy and programme for the prevention of air pollution in the Russian Federation.</p> <p>Dr. Putyatin Daniil, Professor/ Director of All-Russian Research Institute for Environmental Protection, All-Russian Research Institute for Environmental Protection (VNII Ecology) (Russia)</p>
<p>15: 30-16: 00</p>	<p>Q&A</p>
<p>16: 00-16: 45</p>	<p>Poster Presentation (Posters will be displayed in the meeting hall all day)</p> <p>Moderator: Dr. Chen Chen, Senior Engineer, South China Institute of Environmental Sciences, MEE/ Ms. Min Wang, South China Institute of Environmental Sciences, MEE</p>
<p>16: 00-16: 45</p>	<p>Poster Presentation</p>
<p>Panel Discussion</p> <p>New Challenges: How to Monitor and Control New Environmental Risks in COVID-19 Pandemic Era and Beyond</p> <p>(16: 45-17: 45)</p>	
<p>16: 45-17: 45</p>	<p>Moderator: Dr. Chen Chen, Senior Engineer, South China Institute of Environmental Sciences, MEE</p>
<p>16: 45-17: 45</p>	<p>Free Discussion</p>
<p>Closing Ceremony</p> <p>17: 45-18: 00</p>	

17: 45-18: 00	Moderator: Dr. Yingmin Zhang, Researcher, Deputy Director of Science and Technology Management Division, South China Institute of Environmental Sciences, MEE
17: 45-18: 00	Closing Remark Dr. Yingmin Zhang, Researcher, Deputy Director of Science and Technology Management Division, South China Institute of Environmental Sciences, MEE