

# EnScience2023

2<sup>nd</sup> Global Summit on Environmental Science and Applications

**May 25-26, 2023**

**Brussels, Belgium**



**HYBRID PROGRAM**

**The Scientistt**

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## DAY-1, 25-May-2023 | Thursday

08:45-08:55	Registrations	
08:55-09:10	Opening Ceremony	
	<b>Conference Chair: Dai-Yeun Jeong, Jeju National University, South Korea</b>	
	<b>Conference Co-Chair: Eric Wolanski, James Cook University, Australia</b>	
09:10-09:50	<b>Title:</b> A Desirable Framework for Establishing Climate Change Policy <b>Dai-Yeun Jeong</b> , Jeju National University, South Korea	<b>P</b>
09:50-10:30	<b>Title:</b> Severn Tidal Power Barrage-Using Past Experience to Steer the Future <b>Robert Kirby</b> , Senior Visiting Fellow (rtd) National Oceanography Centre, UK	<b>P</b>
10:30-11:10	<b>Title:</b> Comprehensive Environmental Exposure and Reproductive Health: A Global Perspective <b>Yankai Xia</b> , Nanjing Medical University, China	<b>P</b>
11:10-11:25	Coffee Break	
11:25-12:05	<b>Title:</b> The Physics Behind the Biophysical Oceanography of the Great Barrier Reef <b>Eric Wolanski</b> , James Cook University, Australia	<b>P</b>
12:05-12:45	<b>Title:</b> The Challenge of Multiple Stressors in Aquatic Systems <b>Patricia Glibert</b> , University of Maryland Center for Environmental Science, USA	<b>P</b>
12:45-13:25	<b>Title:</b> Water Treatment Clarification Implemented with a Next-Generation Coupled Computational Fluid Dynamics Machine Learning Model <b>John Sansalone</b> , University of Florida, USA	<b>K</b>
13:25-13:30	Group Photo	
13:30-14:10	Lunch Break	
14:10-14:40	<b>Title:</b> Ecosystem Services and Restoration Opportunities for a Sustainable Environmental Development along the Danube River <b>Bernd Cyffka</b> , Catholic University Eichstaett-Ingolstadt, Germany	<b>K</b>
14:40-15:10	<b>Title:</b> The Effect of using Treated Wastewater for Irrigation on Soil Wettability, Water Flow, and Chemical Transport in The Root Zone <b>Rony Wallach</b> , The Hebrew University of Jerusalem, Israel	<b>K</b>
15:10-15:35	<b>Title:</b> Recent Progress on the Seasonal Tropical Cyclone Predictions over the Western North Pacific from 2014 to 2020 <b>Eun Jeong Cha</b> , Korea Meteorological Administration, Republic of Korea	<b>I</b>
15:35-16:00	<b>Title:</b> Optimization and Modeling of Microwave Irradiated Ammonia Nitrogen Removal from Anaerobically Digested Liquid Dairy Manure <b>Lide Chen</b> , University of Idaho, USA	<b>I</b>
16:00-16:15	Coffee Break	
16:15-16:40	<b>Title:</b> Date Palm-Red Palm Weevil-Natural Enemy Interactions: Chemical Detection of Infestation within 24-Hours <b>Taghreed Alsufyani</b> , Taif University, Saudi Arabia	<b>I</b>

<b>16:40-17:05</b>	<b>Title:</b> Efficacy of UV254 and BL405 as Disinfection Technologies for Surface Disinfection <b>Castine Bernardy</b> , University of New Hampshire, USA	I
<b>17:05-17:30</b>	<b>Title:</b> Impacts of Severe Droughts on Infrastructures Built on Clay Soils Under Climate Change Effects <b>Lamine Ighil Ameer</b> , Cerema - Direction Territoriale Normandie-Centre, Blois, France	I
<b>17:30-17:55</b>	<b>Title:</b> Associated Ethical Issues for REDD Based Emissions Trading Schemes in Melanesia <b>David Lea</b> , University of Papua New Guinea, Papua New Guinea	I
<b>17:55-18:20</b>	<b>Title:</b> Serum Concentrations of Neonicotinoids in Pregnant Women: Association with Early Spontaneous Abortion <b>Shuangshuang Zhao</b> , Nanjing Medical University, China	I
<b>18:20-18:45</b>	<b>Title:</b> Stereoselectivity of Progeny Neurodevelopmental Abnormalities Caused by Exposure to Fipronil During Pregnancy Mediated by GABAAR <b>Beibei Gao</b> , Nanjing Medical University, China	I
<b>18:45-19:10</b>	<b>Title:</b> Prenatal Low-Dose DEHP Exposure Induces Metabolic Adaptation and Obesity: Role of Hepatic Thiamine Metabolism <b>Yun Fan</b> , Nanjing Medical University, China	I
<b>19:10-19:35</b>	<b>Title:</b> Metabolome Signatures of the Maternal Exposome during Pregnancy <b>Jiawei Duan</b> , Nanjing Medical University, China	I
<b>19:35-20:05</b>	<b>Title:</b> Assessing Urban Environmental Sustainability. The Case of Three Municipalities in the Northern Part of Athens-Attiki <b>Akrivi Leka</b> , National Technical University of Athens, Greece	K

### Poster Presentations

<b>P-001</b>	<b>Title:</b> Simplifying the Complex Relationship between Vitis Vinifera, Aphis Illinoisensis, Coccinella Undecimpunctata, and Tapinoma Magnum <b>Noura Alotaibi</b> , Taif university, Saudi Arabia
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## DAY-2, 26-May-2023 | Friday

### Virtual Presentations| Time Zone: Italy (GMT+2)

<b>09:00-09:25</b>	<b>Title:</b> Fate, Effects and Characteristics of Marine Debris in Coastal Oceans <b>Xiaoguang Ouyang</b> , Southern Marine Science and Engineering Guangdong Laboratory (Guangzhou), China	I
<b>09:25-09:50</b>	<b>Title:</b> Water Quality Assessment of Dodiongan Falls in Bonbonon, Iligan City, Philippines <b>Cyril A. Cabello</b> , Cebu Technological University, Philippines	I
<b>09:50-10:20</b>	<b>Title:</b> Ensuring Food and Nutritional Security through Zn Supplementation <b>Pardeep Kumar</b> , COA, CSKHPKV, Palampur, India	K
<b>10:20-10:45</b>	<b>Title:</b> Multiple Human Impacts on Marine: from both Climate Change and Ocean Litter Perspectives. <b>Chia-Ying Ko</b> , National Taiwan University, Taiwan	I



<b>10:45-11:10</b>	<b>Title:</b> Ecosystem-Based Coastal Management: Linking Ecosystem Risk to Change Adaptation <b>Dewayany Sutrisno</b> , National Research and Innovation Agency (BRIN), Indonesia	I
<b>11:10-11:35</b>	<b>Title:</b> Urban Heat Island for a Metropolitan and Semi-urban Site of India: a Local Level Climate Modification Phenomenon <b>Puneeta Pandey</b> , University of Allahabad, India	I
<b>11:35-12:00</b>	<b>Title:</b> Climate Impact on Himalayan Glaciers and the Alpine Vegetation <b>Debmita Bandyopadhyay</b> , UiT-The Arctic University of Norway, Norway	I
<b>12:00-12:25</b>	<b>Title:</b> Proper Orthogonal Decomposition Analysis of Turbulent Fields in Cyclones <b>Leonardo Primavera</b> , University of Calabria, Italy	I
<b>12:25-12:50</b>	<b>Title:</b> Use of Rpas (Drones) for Masonry Arch Bridges Inspection: Quality and Sustainable Work with Preventive Guarantee <b>Rubén Rodríguez Elizalde</b> , Universidad Europea, Spain	I
<b>12:50-13:20</b>	<b>Title:</b> Modelling Decision Support System for the Mitigation and Adaptation of Waste in Kinshasa City <b>Muteba Ayumba Eustache</b> , International Medical Informatics Association, Correspondent, Democratic Republic of Congo	K
<b>13:20-13:45</b>	<b>Title:</b> Will be Updated Soon <b>Melkamu Kassaye</b> , Injibara University, Ethiopia	I
<b>13:45-14:10</b>	<b>Title:</b> Will be Updated Soon <b>Mehran Hekmatnia</b> , University of Sistan and Baluchistan, Iran	I
<b>14:10-14:35</b>	<b>Title:</b> Bioaccumulation of Heavy Metals and Emerging Contaminants by Macrophytes and Their Potentiality in the Wastewater Treatment in Constructed Wetlands. <b>Carlos Harguinteguy</b> , Multidisciplinary Institute of Plant Biology (IMBIV - CONICET), Argentina	I
<b>14:35-15:00</b>	<b>Title:</b> In-situ Stabilization of Arsenic in Highly Contaminated Soil Using Iron Rich Water Treatment Residuals <b>Sewwandi Rathnayake</b> , Texas A&M University, USA	I
<b>15:00-15:25</b>	<b>Title:</b> Will be Updated Soon <b>Sheeba Dawood</b> , Minerva Lithium LLC, USA	I
<b>15:25-15:50</b>	<b>Title:</b> Response Surface Methodology based an Experimental Approach for Biodiesel-Oxygenated Fuel Blends on Diesel Engine <b>Ashish Dubey</b> , Eklavya University, India	I

**End of the Program**