

**Global Meet on Infrastructure and Construction (GMINFRA2024)**  
**April 19, 2024 | Webinar**

**London Time Zone( GMT+1)**

09:00-09:10		<b>Introduction</b>
09:10-09:50	P	<b>Title:</b> Utilization of Drinking Water Treatment Sludge to Develop EcoFriendly Concrete Products
		<b>Yan Zhuge, University of South Australia, Australia</b>
09:50-10:20	K	<b>Title:</b> Revival of Dredged Marine Soils for Civil Engineering Applications: Meeting SDG12- Responsible Consumption & Production Practice
		<b>Chee-Ming Chan, Universiti Tun Hussein Onn Malaysia, Taiwan</b>
10:20-10:45	I	<b>Title:</b> Building a Sustainable Ground with the application of Soil Nailing Technique
		<b>Rajak Ravendra, National Taipei University of Technology, Indonesia</b>
10: 45-11:10	I	<b>Title:</b> Multiscale Investigations on the Properties of Recycled Aggregate Concrete Modified by Compression Casting and Nano Materials" Experimental Study.
		<b>Biao Hu, Shenzhen University, China</b>
11:10-11:35	I	<b>Title:</b> Smart Materials and Structures: from 3D to 4D Printing
		<b>Daining Fang, Beijing Institute of Technology, China</b>
11:35-12:00	I	<b>Title:</b> Dynamic characterization of tailing dam using fully coupled dynamic analysis with different boundary conditions — a case study" Optimization of Installation Operations and OMA
		<b>Vijayasri, Jacobs, India</b>
12:00-12:25	I	<b>Title:</b> Role of Montmorillonite and Chemical Contents in Evaluating and Mitigating the Swelling Behaviour of Expansive Soils
		<b>P. Sreekanth Reddy, National Institute of Technology, India</b>
12:25-12:50	I	<b>Title:</b> Shaking Table Tests and FEM Analysis for Assessing the Seismic Performance of Anchored and Unanchored Steel Water Tanks
		<b>Bakhshi Ali-Wireko, Sharif university of technology, Iran</b>
12:50-13:15	P	<b>Title:</b> Towards Enhancing Construction Project Safety and Health
		<b>Hadi Sarvari, Islamic Azad University, Iran</b>
13:15-13:40	I	<b>Title:</b> 3D Finite Element Analysis of Bored pile-Cap Interaction in Sandy Soils Under Axial Tensile and Lateral Loading
		<b>Faisal I Shalabi, Yarmouk University, Jordan</b>

<b>13:40-14:05</b>	<b>I</b>	<b>Title:</b> The Effectiveness of Gravel-Rubber Mixtures as Geotechnical Seismic Isolation (GSI) System for a Reinforced-Concrete Building
		<b>Angela Fiamingo</b> , <i>University of Catania, Italy</i>
<b>14:05-14:30</b>	<b>I</b>	<b>Title:</b> Built Environment and Climate Change Adaptation Metrics: The Case Of The Green Building Rating Systems
		<b>Giancarlo Paganin</b> , <i>Polytechnic University of Milan, Italy</i>
<b>14:30-15:55</b>	<b>I</b>	<b>Title:</b> The Role of Soil Heterogeneity in the Seismic Behaviour of Soil-Tunnel Systems
		<b>Massimino Maria Rossella Rita</b> , <i>University of Catania, Italy</i>
<b>15:35-16:00</b>	<b>I</b>	<b>Title:</b> Active Swarm of Sensors for the Health Analysis of Complex Infrastructures Systems
		<b>Antonio Carcaterra</b> , <i>Sapienza University of Rome, Italy</i>
<b>16:00-16:30</b>	<b>K</b>	<b>Title:</b> Monitoring System with a High Number of Triaxial Accelerometers: Optimization of Installation Operations and OMA
		<b>Giorgio Sforza</b> , <i>Stanford University, Italy</i>
<b>16:30-16:55</b>	<b>I</b>	<b>Title:</b> Increase Speed Transfer Between Research and Industry, Thanks to Object-Oriented Approach for New Generation of Civil Engineering Software Performance of Anchored and Unanchored Steel Water Tanks
		<b>Mourad Belgasmia</b> , <i>Ferhat Abbas Setif 1 University, Algeria</i>
<b>16:55-17:20</b>	<b>I</b>	<b>Title:</b> Evaluation of the Behaviour Coefficient of an Elevated RC Tank by Nonlinear Approach Soils Under Axial Tensile and Lateral Loading
		<b>Hocine Hammoum</b> , <i>Mouloud Mammeri University, Algeria</i>
<b>17:20 -18:00</b>	<b>P</b>	<b>Title:</b> Development of Adhesive Free Timber Buildings
		<b>Zhongwei Guan</b> , <i>Advanced Materials Research Centre, UK</i>

**End of the Virtual Conference**