



ISCSEE2025

3rd International Summit on
Civil, Structural and Environmental Engineering
 July 21-23, 2025 | Frankfurt, Germany

Day-1 July 21, 2025		
09:00-09:30	On Spot Registrations	
Co-Chair		Daiquan Yang , <i>Geotechnical Engineer - Tonkin+Taylor Pte Ltd, Australia</i>
9:30-10:10	P	Title: Pathway for Commercialization on Recycled Concrete Vivian W. Y. Tam , <i>Western Sydney University, Australia</i>
10:10-10:50	P	Title: Prognostic Health Management (PHM) and Predictive Maintenance (PdM) for Complex Systems Suk Joo Bae , <i>Hanyang University, Korea</i>
10:50-11:05	Refreshment Breaks	
11:05-11:45	P	Qingyuan Wang , <i>Sichuan University, China</i> Title: Solid Waste-Based Low Carbon Cementing Materials
11:45-12:25	P	SLOT AVAILABLE
12:25-12:55	K	Title: Geotechnical Innovations for Construction of Freeways in Australia Daiquan Yang , <i>Geotechnical Engineer - Tonkin+Taylor Pte Ltd, Australia</i>
12:55-13:55	Group Photo Lunch	
13:55-14:25	K	Title: Building Resilient and Sustainable Communities: The Role of Community Engagement Patricia A. Sullivan , <i>Associate Dean-New Mexico State University, USA</i>
14:25-14:55	K	Title: Fatigue Durability of Reinforced Concrete Bridge Deck Repair Method Toshihiko Nagatani , <i>Central Nippon Highway Engineering Tokyo Co.,Ltd, Japan</i>
14:55-15:25	K	SLOT AVAILABLE
15:25-15:55	K	Title: Midlatitude Precipitation Variability and Teleconnection Related to Warm and Cold Phases of Large-Scale Climatic Circulation Patterns Jai Hong Lee , <i>South Carolina State University, USA</i>
15:55-16:10	Refreshment Breaks	
16:10-16:40	K	Title: How is AI re-shaping future trends in Real Estate David Barberi , <i>Architecture Consultant at Bright Lifestyle Media, Germany</i>
16:40-17:05	I	Title: Research on the Whole Process Management of Major Projects in the Field of Ecological Environment Zhenyu Ding , <i>Chinese Academy of Environmental Planning, China</i>
17:05-17:30	I	Title: Exploration and Practice of Digital Twin-Based Project Management in Ecological Environment Engineering Nuchao Xu , <i>Chinese Academy of Environmental Planning, China</i>

17:30-17:55	I	Title: Will be updated soon
		Juan Diego Vargas, Structural Engineer – Weybridge, UK
17:55-18:20	I	Title: Cable-Stayed bridges Inspection Robot
		Tomohiro Iwasaki, Central Nippon Highway Engineering Tokyo Co.,Ltd, Japan
18:20-18:40	I	Title: The Use of Piles to Enhance Energy Efficiency in Smart Cities
		Esraa Daoud, University Polytechnic of Valencia, Spain
18:40-19:00	I	SLOT AVAILABLE
POSTER	PO1	Title: Land Use Changes in the Border Zone. Case study of the Polish-Belarusian Border Exemplified by Milenkowce Village
		Olga Matuk, Warsaw University of Technology, Poland
POSTER	P02	Title: Assessment of Groundwater Quality in the Alluvial Aquifer Using GIS and Water Quality Indices in the Feija Plain, South-East Morocco
		Hamid Nadi, Ibn Tofail University, Morocco
POSTER	P03	Title: Molecular Mechanisms Underlying the Regulation of Recipient and Plasmid-Mediated ARGs Transformation by Iron Nanoparticles
		Hongguang Zheng, Beijing Normal University, China
POSTER	PO4	SLOT AVAILABLE
POSTER	PO5	SLOT AVAILABLE
Closing the Conference for Day 1		
***Note: This is a Tentative Program, it is subjected to slight changes till Final Program		
Day-2 July 22, 2025		
Co-Chair		Daiquan Yang, Geotechnical Engineer - Tonkin+Taylor Pte Ltd, Australia
9:30-10:10	P	Title: Monitoring Structures for Durability and Sustainability
		Juan Manuel Pereira, CEO-Concrete Quality, Spain
10:10-10:50	P	Title: Will be updated soon
		Zeina Nazer, Co-Founder - Cities Forum, United Kingdom
10:50-11:05		Refreshment Breaks
11:05-11:45	P	Title: Air-Water Interface Adsorption Impact on PFAS Transport Through Vadose Zones
		Arvin Farid, Director-Boise State University, USA
11:45-12:25	P	Title: Reimagining Construction: Canada's Green Blueprint for the Future
		Faisal Manzoor Arain, President-Willowbank School of Restoration Arts, Canada
12:25-12:55	K	Title: Conversion of Municipal Solid Waste (MSW) to Fuel, Gas, Fertilizer & Electricity: A Paramount Concern of the World
		Moinuddin Sarker, CEO-Waste Technologies, LLC, USA

12:55-13:55	Group Photo	
	Lunch	
13:55-14:25	K	Title: Will be updated soon
		Mahdi Hosseini, Nanjing Forestry University, China
14:25-14:55	K	SLOT AVAILABLE
14:55-15:25	K	Title: Creation in Armenia of the World Museum of Seismic Isolation - Its Idea, Concept, Structural Solution and Analysis
		Mikayel Melkumyan, CEO-Melkumyan Seismic Technologies LLC, Armenia
15:25-15:55	K	SLOT AVAILABLE
15:55-16:10	Refreshment Breaks	
16:10-16:40	K	Title: Will be updated soon
		Jan Baeyens, Beijing University of Chemical Technology, China
16:40-17:05	I	Title: Modeling the Discharge Capacity of the Tigris River Using HEC-RAS: A Study of Manning's Coefficient Calibration Between Ali Al-Garbi and Al - Amarah Barrage
		Havan Hassan Salman, Maysam Qawmee, Ministry of Water Resources, Iraq
17:05-17:30	I	Title: The Green Energy Divide: Investigating the Inadvertent Exclusion of Developing Nations in Renewable Energy Implementation and Support
		Idowu Peter Odeleye, Founder at R3-Peterson's Holdings Inc, UAE
17:30-17:55	I	Title: Structural Challenges in Scaffolding: Anchors, Joints, and Stability
		Amin Ramezantitkanloo, Wroclaw University of Science and Technology, Poland
17:55-18:20	I	Title: Preprocessing on Machine Learning Model for Mapping Land Cover
		Dyah Erny Herwindiati, Tarumanagara University, Indonesia
18:20-18:40	I	Title: Comparative Design Study of 85-Story Super Tall Building due to Wind between Code-Prescriptive Approach and Performance-Based Wind Design (PBWD).
		Estovio Farrel Timothy, Shanghai Construction Group Co., Ltd, China
18:40-19:00	I	SLOT AVAILABLE
POSTER	PO1	Title: Experimental and Finite Element Evaluations of Reinforced Cementless Fiber Composite Walls
		Chang-Geun Cho, Chosun University, South Korea
POSTER	P02	Title: Unsaturated Polyester Reinforced by Glass Fiber and Wood Sawdust Additives of Different Proportions
		Issam Touil, Research Center in Mechanics, Algeria
POSTER	P03	Title: Improving Fluid Conveyance in Civil Engineering Pipe Elbows Through Bulge Entities
		Shun-Chang Yen, National Taiwan Ocean University, Taiwan
POSTER	PO4	SLOT AVAILABLE

POSTER	PO5	SLOT AVAILABLE
Closing the Conference for Day 2		
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Day-3 July 23, 2025		
Co-Chair		Daiquan Yang , <i>Geotechnical Engineer - Tonkin+Taylor Pte Ltd, Australia</i>
9:30-10:10	P	Title: The Future of Innovation in Sustainable Construction: From 3D Printing to AI-Enabled Tools, Infrastructure Applications Alexey Dubov , <i>CIO and Co-founder-Mighty Buildings, USA</i>
10:10-10:50	P	SLOT AVAILABLE
10:50-11:05	Refreshment Breaks	
11:05-11:45	P	Title: Structural Health Monitoring of Offshore Wind Turbine Dongsheng Li , <i>Director-Shantou University, China</i>
11:45-12:25	P	Title: Lok-Test for Timing of Safe and Early Loading Operations, Canadian Experience Claus Germann Petersen , <i>President-German Instruments, Denmark</i>
12:25-12:55	K	SLOT AVAILABLE
12:55-13:55	Group Photo	
	Lunch	
13:55-14:25	K	Title: Will be updated soon Abdelwahab Tahsin Mohsen , <i>Cairo University, Egypt</i>
14:25-14:55	K	Title: Assessment of Dam Vulnerability and Climate Impacts Ahmed Benamar , <i>University Le Havre Normandie, France</i>
14:55-15:25	K	SLOT AVAILABLE
15:25-15:55	K	Title: Smart Campus Facens: First Sandbox of Smart Cities in Brazil Regiane Relva Romano , <i>Head of Smart Cities at Smart Campus-FACENS, Brazil</i>
15:55-16:10	Refreshment Breaks	
16:10-16:40	K	SLOT AVAILABLE
16:40-17:05	I	Title: Will be updated soon Sumaryati , <i>National Research and Innovation Agency, Indonesia</i>
17:05-17:30	I	Title: Enhancing Sustainability of Full Depth Reclamation Technique by Substituting Portland Cement with a Geopolymer Binder Derived from Fly Ash and GGBS Abhitesh Sachdeva , <i>Indian Institute of Technology, India</i>
17:30-17:55	I	Title: The Future of Green Building: Compressed Stabilized Earth Blocks

		Bubacarr Siddiq Darboe , <i>CEO at DuplexConstruction and Engineering</i>
17:55-18:20	I	Title: Will be updated soon
		Awais Raza , <i>Zhejiang University, China</i>
18:20-18:40	I	Title: Geopolymer Concrete: Material Availability and Applications in Jordan
		Khair Al-Deen Bsisu , <i>The University of Jordan, Jordan</i>
18:40-19:00	I	SLOT AVAILABLE
POSTER	PO1	Title: Finite Element Modelling of Wood-Sheathed Cold-Formed Steel Shear Walls
		Idriss Rouaz , <i>National Center of Studies and Integrated Research on Building Engineering (CNERIB), Algeria</i>
POSTER	P02	Title: Numerical Analysis of a Water Tank Built on Clayey Soil Reinforced With Stone Columns
		Sid Ali Rafa , <i>National Center of Studies and Integrated Research on Building Engineering (CNERIB), Algeria</i>
POSTER	P03	SLOT AVAILABLE
POSTER	PO4	SLOT AVAILABLE
POSTER	PO5	SLOT AVAILABLE
Closing the Conference for Day 3		
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