



4th International Summit on Earth Science, Civil and Environmental Engineering

 September 14-15, 2026 |  Berlin, Germany

Day 1 – September 14, 2026

Morning Sessions & Keynotes | Afternoon Parallel Highlights

Time	Type	Session Title	Speaker / Affiliation
09:00–09:30		On-Spot Registration	
09:30–10:10	P	Innovated PFAS Destruction Technologies for Liquid and Solid Waste Streams	Patrick Curran , CEO at Regent Water Solutions & Senior Partner at Archimedes, USA
10:10–10:50	P	<i>Will be Updated Soon</i>	Ali Bobaker , Founder and Managing Director-Metro Piling, UK
10:50–11:05		<i>Refreshment Break</i>	
11:05–11:45	P	<i>Will be Updated Soon</i>	Deshinta Arrova Dewi , Director-International Relations and Collaboration Centre, Malaysia
11:45–12:25	P	Water: The Missing Climate Strategy - Emissions & Resilience	Eyal Harel , CEO-BlueGreen Water Technologies, Germany
12:25–13:05	P	Navigating Our Planet's Future: The Power of GIS in Earth Sciences	Lorraine Tighe , Director of Earth Sciences Solutions, Esri, USA
13:05–14:05		Lunch Break & Group Photo	
14:05–14:45	P	<i>Will be Updated Soon</i>	Cristina García-Fontana , Associate Professor-University of ACoruna, Spain
14:45–15:25	P	Sustainability Vs Inheritability - Is it Correct to Use the Adjective "Sustainable" as Talking of Proper Urban Development?	Ettore Maria Mazzola , University of Notre Dame School of Architecture, Italy
15:25–15:55	K	Advanced Rheological Engineering of Nanoparticle-Modified Cementitious Materials for Sustainable Infrastructure Applications	Raouf Kaviani , University of Ottawa, Canada
15:55–16:10		<i>Refreshment Break</i>	
16:10–16:40	K	Helical Structural Framework With Torsional Integrity - New, Lightweight, Low-energy, Structural System With UK Patent	Pete Silver , University of Westminster, UK
16:40–17:10	K	AI Cognitive Limitations in Risk Analysis	Tamer AbuTahoun , Project Director-Parsons Corporation, UAE

Time	Type	Session Title	Speaker / Affiliation
17:10–17:40		Small Modular Reactors and Renewable Energy Systems for Power Resilience and Boosting the Energy Demand for the AI driven Data Centers	Pravin Sankhwar , "Licensed Electrical Engineer", "Associate Fellow" at SAIARD, USA
17:40–18:10		<i>Will be Updated Soon</i>	Reyes Garcia , Associate Professor-University of Warwick, UK
18:10–18:40		<i>Will be Updated Soon</i>	Catherine Cordonio , DaS LAB, Germany
Poster		Modeling the Impact of New Production Wells on Salinization Risk at the Friedrichshagen Waterworks (Berlin)	Tobias Felsch , Leibniz University Hannover, Germany
Video		Urban Infrastructure as well as Resilient Transportation Requiring Structural Health Monitoring & Digital Twins in the Presence of Climate Extremes	Aditya Singh , Amrita Vishwa Vidyapeetham, India

 Closing for Day 1 — Panel discussions continue Day 2

Day 2 – September 15, 2026

Interactive Presentations | Technical Sessions & Panel

Time	Type	Session Title	Speaker / Affiliation
09:00–09:30		On-Spot Registration	
09:30–09:55		Automated Road Pavement Crack Detection Using Deep Learning-Based Vision Transformers Techniques	Muhammad Awais Javeed , Southeast University, PR China
09:55–10:20		Construction Engineering and Project Management	Chukwudi Esemene , University of Lagos, Nigeria
10:20–10:45		Green Certificates: Improving Their Application in Life Cycle Assessment to Support Carbon Neutrality	Xia Meng , Tsinghua University, China
10:45–11:00		<i>Refreshment Break</i>	
11:00–11:25		<i>Will be Updated Soon</i>	Luzoladio Miankoma Julio , RAKAD-Network of Kongo Alumni, Republic of Congo
11:25–11:50		Materials and Sustainable Construction: Eco-Designed Geopolymers and Low-Carbon Mortars for 3D Printing	Jaballah Boudour , Arab University of Sciences, Tunisia
11:50–12:15		<i>Will be Updated Soon</i>	Rodolfo Labernarda , University of Calabria, Italy
12:15–12:40		Development and Application of a New Generation of Visco-Hyperelastic and Visco-Plastic Dampers for Seismic Resilient Structures	Ahmad Modhej , Islamic Azad University, Iran
12:40–13:05		Fit the Built: Conscious Approaches to a Sustainable Built Environment	Alejandro Viteri Paz , Technische Universitat Berlin, Germany
13:05–14:05		Lunch Break & Group Photo	
14:05–14:30		Bioremediation Remediation of Crude-oil Contaminated Soil in the Niger Delta Area of Nigeria, Using Machine Learning Models	Precious Okhionkpmwunyi Ehiomogue , University of Benin, Nigeria
14:30–14:55		<i>Will be Updated Soon</i>	Tezeta Shimelis , Sustainability and Net Zero Lead-Sweet Projects, UK

Time	Type	Session Title	Speaker / Affiliation
14:55–15:20	I	Architectural Quality Control in Large-Scale Industrial Projects Case Study: My Role within Tesla Gigafactory Berlin	Abeer Salem , QC Architectural Engineer-Tesla, Germany
15:20–15:45	I	<i>Will be Updated Soon</i>	Afaq Ahmad , Oslo Metropolitan University, Norway
15:45–16:00		<i>Refreshment Break</i>	
16:00–16:25	I	<i>Will be Updated Soon</i>	Edmund Ayuk (Nchong) Bawak Egbe , Next Gen Developers Ltd, Africa
16:25–16:50	I	<i>Will be Updated Soon</i>	Jenni Kiventera , Sustainability Development Manager-Parma Oy, Finland
16:50–17:15	I	<i>Will be Updated Soon</i>	Sathya Abeykoon , Design Coordinator-Royal BAM Group, UK
17:15–17:40	I	Free Vibration Analysis of Plate Structures Using a Strain-Based Finite Element for Structural Health Assessment	Toufik Maalem , University of Batna2, Algeria
17:40–18:40		Panel Discussion	
<i>Poster/Video</i>	<i>Slot Available</i>		<i>Submit Now</i>

 **Note:** Tentative program: Subject to minor final changes.