

Paper title	Theme	Date	Time	Presentation venue
Analysing temperatures in a small town: remote sensing in Mar de Espanha (mg)	Habitability and comfort	04/06/2025	14:30	A1
Evaluation of the use of building materials and techniques on the building facades in favor of thermal comfort	Habitability and comfort		14:45	
Análise de estratégias bioclimáticas aplicadas aos projetos de Lúcio Costa: Edifício Nova Cintra e Parque Guinle	Habitability and comfort		15:00	
Passive Thermographic Identification of Materials and Pathologies in Facades	Habitability and comfort		15:15	
Investigation of the Technical Feasibility of Employing Artificial Intelligence in the Assessment of Building Habitability	Habitability and comfort		15:30	
The habitability potential of a wooden geodesic dome	Habitability and comfort	04/06/2025	16:30	A1
Long-Term Monitoring of Thermal Performance in Vernacular Buildings: A Case Study in Montesinho Natural Park, Portugal	Habitability and comfort		16:45	
Test of abstract	Habitability and comfort		17:00	
Reducing Global Warming Potential in Cement Production: A Comparative Study of Slate and Marble Waste as Sustainable Alternatives	Sustainability and Life Cycle Assessment		17:15	
Analysis of indoor air emission limits assessed in environmental building certifications	Sustainability and Life Cycle Assessment		17:30	
Study of the potential use of LC <sup>3</sup> as a binder in civil construction: a review	Sustainable Products	04/06/2025	14:30	A2
Study of the Electrical Resistivity of Concrete Submitted to the Internal and External Action of Sulfates	Sustainable Products		14:45	
Impact on composite performance and CO2 emissions due to the use of the fine fraction of Iron Ore Tailings	Sustainable Products		15:00	
Mechanical properties of cement paste with mineral waste replacing cement	Sustainable Products		15:15	
Study of the Application of Geosynthetics in Geotechnical Works	Sustainable Products		15:30	
Influence of activation temperature and cooling rate in the performance of recycled cement	Sustainable Products	04/06/2025	16:30	A2
The Sustainable Profile of New Technologies for the Repair of Corroded Reinforced Concrete Structures	Sustainable Products		16:45	
ANALYSIS OF PHYSICAL AND MECHANICAL PROPERTIES OF GEOPOLYMERIC CONCRETE WITH PARTIAL REPLACEMENT OF PORTLAND CEMENT BY METAKAOLIN	Sustainable Products		17:00	
The contribution of fast-growing and invasive plants in the development of regenerative bio-based construction products	Sustainable Products		17:15	
Influence of constituent materials on the mechanical properties and durability of Ultra High Performance Fiber Reinforced Concrete (UHFRC): A critical review	Sustainable Products		17:30	
Are smart cities truly sustainable? Analysis of circular economy and waste management practices with proposals for the Brazilian context	Reuse, Recovery, and Recycling	04/06/2025	14:30	A3
Production of compressed stabilized bricks through reuse of quartzite waste from Ouro Preto, Brazil	Reuse, Recovery, and Recycling		14:45	
Iron Ore Tailings: Generation, Impacts, Applications and Challenges	Reuse, Recovery, and Recycling		15:00	
Use of Alternative Materials in Geotechnics	Reuse, Recovery, and Recycling		15:15	
REUSE OF WOOD WASTE: The potential of additive manufacturing to minimize disposal	Reuse, Recovery, and Recycling		15:30	
Reuse of Vacant Buildings and Urban Regeneration Strategies: A Comparative Study between Porto Alegre, São Paulo and Recife.	Reuse, Recovery, and Recycling	04/06/2025	16:30	A3
Reinventing Plastic: The Use of Recycled ePET in 3D Printing of Decorative Pieces	Reuse, Recovery, and Recycling		16:45	
PET Recycling for 3D Printing: Construction of an Extruder with Electronic Waste	Reuse, Recovery, and Recycling		17:00	
Experimental thermal performance of plastic 3D-printed insulation panel for building renovation	Reuse, Recovery, and Recycling		17:15	
Reuse of Vacant Buildings and Urban Regeneration Strategies: A Comparative Study between Porto Alegre, São Paulo and Recife.	Reuse, Recovery, and Recycling		17:30	
Investigation of the impacts on the circular economy through recycled aggregates in cement mixtures	Circular Construction	05/06/2025	14:30	A1
Circular Rehabilitation for Energy Poverty: Lessons from Social Housing in Europe	Circular Construction		14:45	
MANAGEMENT OF UNUSABLE WASTE IN CONTAGEM: REVERSE LOGISTICS PRACTICES AND THE ROLE OF ECOPOINTS IN TIRE COLLECTION	Circular Construction		15:00	
PROPOSED Dford SCORING SYSTEM CONSIDERING ENVIRONMENTAL IMPACT	Circular Construction		15:15	
Modular Open Systems for Efficient and Adaptable Post-Disaster Shelters	Circular Construction		15:30	
Impact of Floodgate on Diversity and Growth of Woody Plants after Agriculture Abandonment in Central Thailand	Resilient Cities	05/06/2025	16:30	A1
Urban Planning and Resilience: Local Strategies for Risk Management and Anticipatory Measures	Resilient Cities		16:45	
Climate Changes and Territorial Loss: The Fight for Dignified Resettlement and Enduring Culture.	Resilient Cities		17:00	
Smart Public Lighting and Urban Security: An Applicable Model for Brazilian Cities	Energy Efficiency	05/06/2025	14:30	A2
Law 14.300/22 and its influence on the implementation of photovoltaic panels: A case study	Energy Efficiency		14:45	
The Road to Chinese Energy Development: Sustainable Investments in African Continent	Energy Transition		15:00	
Challenges and Perspectives in the use of Perovskite Nanocrystals in Solar Cells	Energy Transition		15:15	
USER, OPERATION, AND MAINTENANCE MANUAL FOR RESIDENTIAL BUILDINGS: INTEGRATING BIM INTO DOCUMENT PREPARATION AND DATA COLLECTION	Maintenance and Remanufacturing		15:30	
Assessment of the Feasibility of Using Shell Sand in Civil Construction	Sustainability and Life Cycle Assessment	05/06/2025	16:30	A2
The importance of the Master Plan in municipal sustainability: a case study in Liberdade MG	Sustainability and Life Cycle Assessment		16:45	
Analysis of bioclimatic strategies applied to L'ucio Costa's projects: Nova Cintra Building, Guinle Park	Sustainability and Life Cycle Assessment		17:00	
Thermal performance of interlocking iron ore tailings (IOT) brick walls: Experimental analysis in a housing prototype	Sustainable Products	05/06/2025	14:30	A3
Optimization of the reinforced concrete beam with UHPFRC with a focus on reducing CO2 emissions	Sustainable Projects		14:45	
The Hidden Journey of Construction Materials: Insights from Experimental Pavilions of Vegetarian Architecture in Northern Italy	Sustainable Projects		15:00	
Mining and Sustainable Development Practices – Environmental, Social and Economic Aspects	Sustainable Projects		15:15	
Joana Bezerra's Smart Neighbourhood - From the Marginalized Periphery to an Urban Centre	Sustainable Projects		15:30	
Pathways of the circular economy in Minas Gerais: waste management and the implementation of COPAM normative deliberation nº. 249/2024	Circular Construction	05/06/2025	16:30	A3
Augmented Reality in civil construction: a proposal for technical knowledge dissemination	Clean Production		16:45	
Urban Land Parcelment in Brazil: Legal Advances and Challenges in Territorial Management	Environmental Risk Management		17:00	
Impacts of Anthropogenic Action on the Triggering of Environmental Events – Case Study of a Gully in the Linhares Neighborhood, Juiz de Fora/MG	Environmental Risk Management		17:15	