

Summary Report of the International Conference on Civil Engineering - ICCE 2023

The second International Conference of Civil Engineering ICCE 2023 took place in Tirana, marking the beginning of an event dedicated to exploring the frontiers of engineering innovation.

The conference was organized by the Faculty of Civil Engineering - Polytechnic University of Tirana and the Faculty of Civil Engineering - University of Prishtina, where it aimed to bring together engineers, researchers, industry leaders and enthusiasts from around the world to exchange ideas, share knowledge and encourage cooperation in the field of engineering.

The opening of the conference commenced with an inspiring speech by the Dean of the Faculty of Civil Engineering - Polytechnic University of Tirana, Prof. Neritan Shkodrani, and the Dean of the Faculty of Civil Engineering - University of Prishtina, Prof. Florim Grajçevci. The proceedings of the conference were also supported by the Rector of the University of Prishtina, Prof. Dr. Qerim Qerimi, and the Vice-Rector of Polytechnic University of Tirana, Prof. Elfrida Shehu. The opening of the conference also featured remarks by the Minister of Education and Sports, Dr. Albana Tole.

Part of the first session were prominent international professors who presented various topics such as Prof. Tatsunori Matsumoto, who addressed the topic "Developments of rapid load testing on piles in Japan", Prof. Agathe Robisson, who addressed the topic "Behavior of a fresh cement mortar under pipe flow ", Prof. Paolo Bazzurro, who addressed the topic "Development of fragility curves for seismic risk assessment of specific buildings with focus on ground motion selection techniques: dos and don'ts", Prof. Josip Atalic who addressed the topic "The Croatian Centre for Earthquake Engineering: Establishment of the platform", as well as Prof. Karel Pavelka, who addressed the topic "The use of mobile mapping technology in geomatics for the geometrics basis of BIM".

A special session on the first day of the conference was the topic of Eurocodes, moderated by Prof. Dr. Neritan Shkodrani and Prof. Asst. Dr. Florim Grajçevci, with speakers from all over the world who shared the experience of their work and their countries. Part of the interactive sessions were the poster presentations of the topics as well as the students' session.

The sessions of the second day started with various presentations by renowned experts from the field of civil engineering. The conference started with the speeches of Keynote Speakers, prominent international professors who presented on various and interesting scientific topics. The morning session with the Keynote Speakers started with the presentation of Prof. Jose Antonio Silva de Carvalho Campos e Matos, who addressed the topic "From case study to a worldwide perspective for the management of existing infrastructures". The second presentation was by Prof. Dora Foti in the field of "Seismic vulnerability evaluation of buildings according to Italian standards". The Keynotes continued with the afternoon session, with the presentation of Prof. Luuk Dorren on "Climate change and natural hazards: Why is civil engineering not enough?", and Prof. Fabio Masi with "Unlocking the potential of multidisciplinary nature-based solutions in designing sustainable drainage systems".

The sessions were classified into four groups during the morning: Structural and Earthquake Engineering, Geotechnical Engineering, Construction Technology and Management/Computational Methods in Construction Engineering/ Construction Materials, and Transport Engineering/ Historical and Monumental Buildings. During the afternoon it continued with other sessions on: Environmental Quality/Water and Wastewater Treatment/Efficiency and Renewable Energy/Climate Change and Adaptation/Engineering for Sustainable Development, Geodesy and Surveying/Cartography, Photogrammetry and RS/Geospatial Data Infrastructure, GIS, Geoscience and Geomatics, Hydraulic Engineering/Hydrology, Flooding and Water Management/Hydraulic Structures.

After the sessions, the closing ceremony of the ICCE 2023 conference took place, with speeches held from the two conference host deans. During the closing, gratitude was again expressed to the presenters, moderators, sponsors and all participants and collaborators who contributed to the success of this conference. The conference ended with the invitation and call for participation in the next edition of the conference to be held in Prishtina.

The third day of the conference was dedicated to visiting the city of Berat, exploring the historical and cultural heritage of the city of Berat. First, the Berat Castle was visited, where the conference participants had the opportunity to see the wonderful panoramic view of the old town and the Onufri museum.

The lunch was organized in a traditional restaurant on the outskirts of the city of Berat where the guests had the opportunity to try a wide range of delicious traditional foods. The conference ended with a visit to the city of Divjaka.