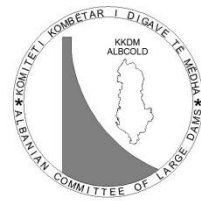




**ACADEMY OF SCIENCES
ENGINEERING COMMITTEE**



**CIVIL ENGINEERING
FACULTY**



**NATIONAL COMMITTEE
OF LARGE DAMS**

Programme

Design Codes of Dams and their Seismic Safety Symposium/Scientific Forum “Aleks Buda” Hall, 15 December 2023, 9.00

- 09.00 – 09.30 Registration of participants
- 09.30 – 09.40 **Welcoming Speech by the Dean of Civil Engineering Faculty,
Polytechnic University of Tirana
*Prof. Neritan Shkodrani***
- 09.30 – 09.50 **Welcoming Speech by the President of the Albanian Academy
of Sciences
*Acad. Skënder Gjinushi***
- 09.50 – 10.00 **Overview of the Dam Design and Construction in Albania
*Eng. Arjan Jovani, Chairman of ALBCOLD***

Part I

Design Codes and Construction Materials of Large Dams.

Moderators:

- 10.00 – 10.20 Importance of Technical Guidelines for Design and Monitoring of Large
dams.
*Sera LAZARIDOU
President of ICOLD European Club*
- 10.20 – 10.40 An overview of earth dam’s construction materials and design.
*Dr Michael Bardanis
(Director of the Laboratory of EDAFOS SA, President of the Hellenic
Society for Soil Mechanics and Geotechnical Engineering)*
- 10.40 – 11.00 Adopting seismic safety provisions from other European countries for
dams in Albania.
Prof. Niko Pojani, MSc. Rikard Luka

- 11.00 – 11.20 Italian Experience on State control of large dams.
Claudia Russo
(Member of ITCOLD BOARD and DSU/ MIT)
- 11.20 – 11.40 Guidelines on Control of Dams after earthquake.
MSc. Arjan Jovani, Prof. Llambro Duni
- 11.40 – 12.00 Advancement in the Italian standard for dams.
Prof. Fabrizio Barpi, Polytechnic University of Turin, Italy
- 11.50 – 12.00 Guidelines on Decommissioning of large dams.
MSc. Erjon Kalaja

12.00 – 13.00 Short Break.

Part II

Design Codes and their Implementation, Seismic Safety.

Moderators:

- 13.00 – 13.20 Determination of the shear strength parameters for rockfill type materials according to EC7.
Dr. Giorgos Belakos
(Assistant Prof. Uniwa, General Secretary of the Hellenic Society for Soil Mechanics, and Geotechnical Engineering)
- 13.20 – 13.40 Analysis of Seismic Risks in the design of RCC Dam of Okshtun.
Dr. Fahri Maho
- 13.40 – 14.00 Assessment of the current situation of the material properties, Stability and Damps Sustainability-Study Case of the Mirusha Damp, Malosheve, Kosova.
Dr. Florim Grajçevci
- 14.00 – 14.20 Simple approach to damage assessment of rock-earth filled dams
MSc. Rezeart Zgjanjoll
- 14.20 – 14.40 Compaction quality of rockfill in static and dynamic behaviour of concrete face rockfill dam - Case study.
MSc. Erion Periku
- 14.40 – 15.00 Seismic Monitoring of HPP Banja dam.
MSc. Agim Lazareni
- 15.00 – 16.00 Discussions, Comments, Proposals and Closure of the Workshop**
(Meeting with discussions, comments, proposals for the future of academia, the government and society)

Site Visit in HPP Banja dam

(16 December2023)

Departure from Tirana, 09.00 am

Visit on the dam, 10-11.00 am