

CIRCULAR No.06 / 2024-2025
«THE SAFE OPERATION OF DAMS»



Dear members and friends of the Joint Group,

You are invited to the presentation on **“The Safe Operation of Dams”** to be given by **Dr. Kyriakos Kyrou**, Civil Engineer and former Director of the Water Development Department.

The event will take place at the **Cleopatra Hotel in Nicosia**, on **Wednesday, February 12, 2025, at 6.30 pm** and is free of charge.

The presentation will be in Greek, with an expected duration of 45 minutes.

The speaker will briefly review the history of dams and will refer to the consequences of possible failure of these structures. The presentation will briefly cover the provisions of the relevant Cypriot Legislation and the level of implementation of the procedures required to achieve safer operation of Cypriot dams.

The construction of dams is intertwined with the development of civilizations. From the time when man began to cultivate the land and ceased to depend on hunting for his survival, around 10,000 BC, he began to build dams and irrigate the land. Dams in the form we understand them today have been built for over 5,000 years. Their construction was based on experience and in almost all cases, the dams eventually failed. At the end of the 19th century, the design of dams began to acquire a scientific nature, which resulted in the creation of safer structures. Today, huge dams are being built with a height of over 300 m and reservoirs of a size that can exceed the area of the entire island of Cyprus. Despite the enormous progress that has been achieved, dam failures continue to be observed even today, which can cause incalculable damage and the loss of many human lives.

The safe operation of dams requires not only proper design and construction, but also systematic monitoring, regular maintenance and proper operation. For this purpose, developed countries have created the appropriate legislative framework that defines the procedures by which the safe operation of dams is ensured. In Cyprus, the legislation consists of the ‘The Integrated Water Management Law of 2010’ and the ‘The Integrated Water Management (Safety of Large Elevated Reservoirs) Regulations of 2015’.

All members of the Joint Group, as well as anyone interested in this subject, are welcome to attend.

Light refreshments will be served before the lecture.

Please **register your participation**, preferably by Monday, February 10, by completing the form below and sending it to the following email address: efi.kallis@cytanet.com.cy

I will attend the event on 12/02/2025		
NAME & SURNAME:		
I.C.E. Member :	I.Mech.E. Member:	OTHER:
E-MAIL ADDRESS:		
TELEPHONE:		