

GEOMEMBRANES IN HYDRAULIC WORKS

The use of geomembranes in hydraulic structures has more than 60 years of history. Initially used in canals in the 1950s, today geomembranes are successfully used to waterproof large earthfill and rockfill dams, storage reservoirs, conveyance canals, hydraulic tunnels, shafts, and pumped storage reservoirs. Geomembrane can be used for the rehabilitation of deteriorated and leaking structures, either in the dry and underwater, as well as in new constructions, serving as the sole impermeable barrier.

The webinar aims to share knowledge, discuss best practices, and explore innovations in the use of geomembranes for this type of applications. The session will be presented by Eng. Marco Scarella, Technical Director of Carpi Tech.



WEBINAR

29 April 2025

5 pm CET (GMT+1 h)

(1 hour + discussion)

Topics to be addressed

- Applications and benefits of geomembranes in hydraulic works
- Design considerations
- Material selection
- Life expectancy
- Construction and maintenance

Registration

- free
- mandatory before 27/04/2025

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