



# IGS-Supported Special Sessions on Geosynthetics

ICID Conference 2021, Marrakech  
November 25, 2021



## IGS-Sponsored session #1: Geosynthetics for reservoirs and water conservation November 25, 14:00 to 16:00 (Morocco time)

Geosynthetics barriers are used to protect groundwater from contamination by hazardous liquids, and to contain water. They are mostly used in the irrigation sector to waterproof dams, reservoirs and other hydraulic structures. This session will present 50 years of experience with the use of geosynthetics barriers, as well as typical quality control and quality assurance performed on such barriers.

### Keynote speaker: JP Giroud: Geosynthetics for water conservation

- Alberto Sciuero – Carpi: PVC Geosynthetic Barriers for reservoirs and dams
- Catrin Tarnowski – Solmax: 40 years of Water Conservation with Polyethylene Barriers
- Kent Von Maubeuge – Naue: Geosynthetic Clay liners – Sustainable and resilient barriers for hydraulic engineering applications
- Bertrand Breul – Coletanche: Use of Bituminous Geomembrane (BGM) In Water Storage Reservoirs
- Carl Charpentier – Alphard: Ensuring leak-proof reservoirs with geo-electrical leak detection surveys on exposed or covered geomembranes



REGISTER online for the *conference* at <http://5arcid.ma/en/enregistrement/>

REGISTER and attend the *special session* : [https://zoom.us/webinar/register/WN\\_pvK4g5FsT2ulcDo-s0-3gA](https://zoom.us/webinar/register/WN_pvK4g5FsT2ulcDo-s0-3gA)



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## IGS-Sponsored Session #2: Geosynthetics for erosion control

**November 25**, 16:00 to 18:00 (Morocco time)

Erosion of slope, riverbank and shores can be controlled by a variety of geosynthetic products and technologies. Their selection depends on the morphology of the soil, water velocity and environmental conditions. This session will give an overview of geosynthetic erosion control products and will identify in which service conditions they can be used.

### Keynote speaker: Pietro Rimoldi: Overview of Geosynthetics Products for Erosion Control on Slopes and on River/Channel Banks

- Simon Ebbert – Huesker: Erosion protection of overtopping sections with concrete mattresses
- Will Crawford – Concrete Canvas: The use of Geosynthetic Cementitious Composite Mats (GCCM's) for Erosion Control Applications
- Edwin Zengerink – TenCate: Geosystems for Shoreline Protection
- Eyal Blatman – PRS: Slope Protection using NPA Geocells
- Paolo Di Pietro – Maccaferri: Experiences on the combined use of gabions, mattresses and geomats for erosion control in natural and artificial water courses



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