



International Association
for Hydro-Environment
Engineering and Research

Hosted by
Spain Water and IWHR, China

IAHR Global Water Security Roadmap 2026

Prof. Reza Ahmadian (Cardiff University)
Prof. Qiuwen Chen (Nanjing Hydraulic Research Institute)

Aim:

The GWS Technical Committee of IAHR aims **to promote joint action to advance GWS** and **to provide a platform bringing together stakeholders** from-though not limited to- academia, consulting and construction companies, and local, provincial/regional, and national government and international agencies, and offering them a platform to interact efficiently.

The key threats to water security include:

- Climate change
- Water pollution
- Population and economic growth
- Data gaps and technical capacity
- Water scarcity and demand competition
- Inadequate and aging water infrastructure and financing
- Unsustainable development
- Inefficient water use
- Weak Governance and fragmented policies
- Transboundary and political tensions

- Priority : Promoting GWS to IAHR members, Technical Committees and Thematic Areas
- Priority : Working more closely with stakeholders and sister organisations
- Priority : Planning the next TC conference (initially planned for 2027 now 2028)
- Priority : Ensuring inclusivity in the TC members, including regional representation.