



SAVE THE DATE

International Water Security Conference: Addressing Emergent Water Quality Threats

Join the FIU Institute of Environment and UNESCO in Miami on October 15-17, 2025, to celebrate the 50th anniversary of the Intergovernmental Hydrological Programme (IHP) and the 60th anniversary of Water Sciences at UNESCO.

Water quality is vital for water security but is threatened by pollutants from industrial discharge, agricultural runoff, and urban waste. Global challenges to be discussed affecting water quality include population growth, urban expansion, and decaying infrastructure. We look forward to seeing you at Florida International University, to jointly explore sustainable solutions for these critical issues.





SAVE THE DATE

International Water Security Conference: Addressing Emergent Water Quality Threats

Thematic Agenda

- Links between floods and droughts and water quality
- Glacier retreat and sea ice loss effects on water quality
- Detection, source, fate, and transport of emerging pollutants
- Unified approaches to earth-observation monitoring water quality: Addressing data gaps
- Effects of harmful algal blooms
- Salinization of inland and coastal waters from saltwater intrusion and sea-level rise

Special Sessions

- Cybersecurity: Protecting the water sector
- AI applied to managing water quality



For more information visit
<https://environment.fiu.edu/where-we-work/freshwater/unesco-chair/index.html>