

IWA organiza webinar sobre tecnologías de observación de la Tierra para calidad de agua y ecosistemas

Oportunidades e impacto para el sector de agua, saneamiento e infraestructura:

La [Asociación Internacional del Agua](#) (IWA por sus siglas en inglés) organiza el webinar “Tecnologías de Observación de la Tierra para la gestión de calidad de agua”.

Las tecnologías de observación de la Tierra proveen herramientas y capacidad para predecir y responder oportunamente ante riesgos ambientales y económicos que pueden afectar la calidad del agua.

Este evento está dirigido a expertos en observación de la Tierra, producción de agua potable, generación de hidroelectricidad, acuicultura, protección ambiental, recursos hídricos y planificación de riesgos, profesionales de agua y saneamiento.

Entre los temas a tratar en este webinar están: gestión de problemas como turbiedad y algas, casos de estudio y mejores prácticas, integración de la tecnología para la toma de decisiones para preparación y gestión de riesgos, acceder a grupos de especialistas.

Fecha: *miércoles-21-julio-2021*

Hora: *15h00 Amsterdam, 08h00 am de Ecuador continental*

Idioma: *Inglés*

En este [link](#) puede registrarse gratuitamente online.

Earth Observation technologies for water quality management

Target Audience

EO experts, potable water production, recreation, hydropower, aquaculture, environmental protection, water resources management and emergency planning; water professionals

Description

Across various parts of the water sector – from water treatment plants to hydropower to aquaculture – preparing and adapting to risks in a planned manner is far more efficient than

reacting to a major system failure. For this reason, having the tools and capability to predict and respond in advance to potential water quality (and quantity) risks can improve environmental performance while lowering costs.

In this framework, there is great potential in the application of Earth Observation (EO) technologies in the water sector. EO technology combined with modelling of highly complex, dynamic systems can provide monitoring and forecasting information of water quality and quantity. This information can guide water professionals in making quick and data-informed decisions, achieve regulatory compliance at low cost and improve the day-to-day performance of operations.

This webinar will explore how EO technology is being applied across the water sector to better manage water quality issues such as algal blooms and turbidity.

Learning Objectives

Following this webinar, participants will be able to:

- Gain perspectives on the application of EO technologies in water quality management in different parts of the water sector.
- Recognise how EO technologies can be integrated into existing decision support systems to help prepare and respond to water quality hazards
- Navigate and access groups to engage further on this topic (e.g. GEO AquaWatch, PrimeWater H2020 EU project).

Host: International Water Association

Panelists

- Erin Urquhart PACE Applications Coordinator at NASA GSFC (Webinar Chair)
- Steve Greb Associate fellow at the University of Wisconsin-Madison Aquatic Sciences Center and GEOAquaWatch Director
- Apostolos Tzimas Managing Director at EMVIS Consultant Engineers and International coordinator of EU H2020 project PrimeWater
- Maria Antonietta Dessena Geologist at Ente Acque della Sardegna (ENAS)
- Blake Schaeffer Research Scientist at US Environmental Protection Agency (EPA)



WEBINAR

21 July 2021 | 15:00 CEST

iwa-network.org/webinars

Fuente: International Water Association, junio 2021.