



Global Water
Research Coalition

PFAS Webinar Series - Unveiling the Science and Strategies

The Global Water Research Coalition (GWRC) is proud to announce the launch of a five part webinar series in collaboration with the U.S. Environmental Protection Agency on PFAS (per- and polyfluoroalkyl substances).

PFAS are widely used, long lasting chemicals, components of which break down very slowly over time. Because of their widespread use and persistence in the environment, many PFAS are detected in people and animals all over the world and in the environment. PFAS are found in water, air, fish, and soil at locations across the globe and are present at low levels in a variety of food products. Scientific studies have shown that exposure to some PFAS in the environment may be linked to harmful health effects in humans and animals. There are thousands of PFAS chemicals, and they are found in many different consumer, commercial, and industrial products. This makes it challenging to study and assess the potential human health and environmental risks.

During this new international webinar series, global experts will provide their insights into the science and innovative approaches of how to monitor, treat, and remediate PFAS compounds. Additionally, the webinars will discuss international regulatory and policy landscape dealing with PFAS in the water industry-ranging from different waters to biosolids and biochar.

Kicking off on February 7, 2024, this informative series delves deep into the science and strategies surrounding PFAS, with each follow-on webinar tackling another crucial aspect. The first webinar, "PFAS Sources and Occurrence in Water," sets the stage by exploring:

- The origins and pathways of PFAS contamination in water sources.
- Management strategies to prevent PFAS from entering drinking water and wastewater.
- A global overview of PFAS regulations

Subsequent webinars will address:

- Disposal and destruction of PFAS in residuals, addressing challenges and knowledge gaps.
- Analytical methods for PFAS detection, confronting the limitations of detection limits versus toxicity assessments, and exploring new analytical advancements.
- Treatment technologies and processes for effectively removing PFAS from public water systems.
- Public perception and communication challenges surrounding PFAS, equipping you with effective strategies for engagement.

This comprehensive series, delivered by renowned experts, is designed to educate and empower water professionals, policymakers, researchers, and anyone concerned about PFAS contamination. Join us as we navigate the complexities of PFAS, uncover the latest scientific insights, and explore practical solutions for a safer water future. The webinar series forms part of the Water Quality and Treatment Group, formed by GWRC to provide up-to-date research on water quality and treatment issues for the water industry now and in the future. Don't miss this invaluable opportunity to gain deeper knowledge and actionable strategies!

We look forward to your participation and being part of the solution!

You will be asked to register when clicking on the zoom link .. if you have any questions please email: globalwaterresearch@gmail.com

Webinar 1: PFAS Sources and Occurrence in Water (Webinar organised by the US EPA and the Global Water Research Coalition)

Time: February 7, 2024 22h00 (10pm) Australian Eastern Time (AEDT) & 6.00 am (EST)

Join Zoom Meeting

<https://us02web.zoom.us/j/86533417992?pwd=TS9zcUFINDFxN3VPZmlVZENaQ0J6UT09>

Meeting ID: 865 3341 7992

Passcode: 784390

Webinar 2: Disposal and Destruction of PFAS

Time: April 11, 2024 22h00 (10 pm) Australian Eastern Time (AET) & 6.00 am (EST)

Join Zoom Meeting

<https://us02web.zoom.us/j/82117208626?pwd=MXlXbHVsZlIibzVQR3ZHaVVZT1BLZz09>

Meeting ID: 821 1720 8626

Passcode: 391293