Ozone and Advanced Oxidation for PFAS control in water

Treatment technologies & concepts to manage PFAS in the water cycle

Potential role of advanced oxidation processes

WEBINAR SERIES

PFAS contamination of drinking water has become a major concern due to increasing awareness of associated health risks. New regulations in the US, EU, and Australia are driving demand for effective treatment solutions. Current technologies mainly rely on separation methods such as GAC, ion exchange, and reverse osmosis, which remove PFAS but generate waste streams. Since no fully commercial technology yet exists for complete PFAS destruction, innovation in this area is a priority. The optimal treatment approach depends on factors such as water source, PFAS concentration, regulatory requirements, and site-specific conditions, with combined separation and destruction processes often providing the most effective solution.

20 November 2026

10:00
11:30

○○○

1. Introduction

C. Carboni, IOA President, IOA EA_3G President, Business Development Manager - De Nora Water Technologies, Italy

The President of the International Ozone Association will give a brief introduction to the International Ozone Association, ozone, and its potential uses, with a quick overview of its applications.

2. PFAS in our environment and water cycle

> Situation
> Objectives
> Risk Assessment
> Regulations

A. Ried, IOA EA_3G Vice President, Germany

3. Treatment Technologies to manage PFAS contaminations

> Existing solutions
> Emerging technologies
> Role of Advanced Oxidation Technologies

J-C. Hostachy, IOA EA3G President Elect, Veolia Water Tech, France

4. Summary and discussion

S. Baig, IOA Treasurer, IOA EA_3G Vice-President, Head of Scientific Innovation - Suez International, France

○○○

INTERNATIONAL OZONE ASSOCIATION
Europe Africa Asia Australasia Group

Registration

Fees ≤ 40 €
Discount for IOA members

Options
Live webinar
Replay video

Payment

Contact
IOA-EA_3G Secretariat
ioa@esip.univ-poitiers.fr

website
www.ioa-ea3g.org