

The Latest in Environmental Wastewater Management

November 22, 2023 8am PDT | 11am EDT | 4pm BST | 5pm CEST

In this webinar, our expert speakers will discuss the water management issues that can affect health – specifically *Legionella*, biofouling and selectivity permeability trade-offs – and how investing in water management systems and services pays dividends.

This webinar features a carefully curated agenda of talks that focus on the environmental monitoring of water and how it can be effectively managed for the benefit of the environment and human health.

Attend this webinar to:

- Learn about the importance of managing water in buildings and the regulations governing water
- Explore the risks associated with Legionnaires' disease
- Discover the main challenges during the desalination and wastewater recycling process
- Uncover the secrets to laser-induced graphene-based electroconductive membrane fabrication and its application for emerging contaminants removal

TALK 1

Water, the Blood of a Building

Presented by Greg Davies, Director of Market Development, Assurity Consulting



Water is essential for life and for the successful operation of most of today's commercial buildings. For most of us though, our most regular interaction with it is when we turn on a tap. If our water systems are not managed properly, however, it can have a significant and profound effect on the health of the people occupying those buildings.

In this webinar, Greg Davies from Assurity Consulting will discuss some of the issues arising from poor water management – specifically *Legionella* and how to successfully overcome these issues.

In his talk, he will cover:

- The importance of managing water well in buildings
- The risks associated with *Legionnaires'* disease
- The key regulations governing water

TALK 2

Electroconductive Membranes for Emerging Contaminants Removal and Biofouling Control

Presented by Dr. Swatantra Pratap Singh, Professor, Center of Environmental Science and Engineering, Indian Institute of Technology Bombay



Biofouling and selectivity permeability trade-offs are the leading challenges in membrane-based desalination and wastewater recycling. Electroconductive membranes have shown their potential for controlling these issues.

In this webinar, Dr. Swatantra Pratap Singh from the Indian Institute of Technology Bombay will showcase the anti-biofouling properties of these surfaces as well as their potential use in desalination and wastewater treatment.

In his talk, he will cover:

- What are the emerging contaminants and their impact on the environment and human health
- What are the main challenges during the desalination and wastewater recycling processes
- How electroconductive membranes can be successfully applied for controlling biofouling and selectivity permeability trade-offs during membrane-based desalination and wastewater recycling