

**ECHN-IAH**  
Early Career  
Hydrogeologist Network -  
International Association  
of Hydrogeologist

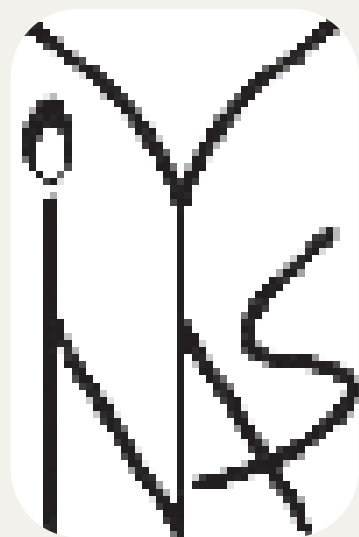
# Emerging pollutants in groundwater resources and their treatment methods



**Speaker**

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**INYAS**  
Indian National Young  
Academy of Science

- *Emerging pollutants* in groundwater have become a major concern for regulatory bodies worldwide due to their minimal understanding of the mechanism of fate and transport in groundwater resources.
- The presence of these contaminants in the *groundwater resources*, even in trace amounts, could pose significant health issues if absorbed into human bodies.
- In this talk, we will discuss the source, fate, and transport in groundwater, as well as the health impacts of emerging pollutants, focusing on *antibiotics and pharmaceutical products*.
- We will also discuss the assessment methods and potential contemporary *treatment* methods for managing the emission and the remediation of these contaminants in groundwater sources.

**Date:**

**24th October 2024**

**Time:**

**Lecture:** @04:30 PM to 05:15 PM (IST)/  
@01:00 PM to 01:45 PM (CEST)

**Q&A:** @05:15 PM to 05:30 PM (IST)/  
@01:45 PM to 02:00 PM (CEST)

**Google meet link:**

**<https://meet.google.com/fxu-xwsj-ruj>**

**Host**

**Dr. Ashwani K Tiwari**

Member of ECHN-IAH, INYAS, INC-IAH  
Assistant Professor  
School of Environmental Sciences  
Jawaharlal Nehru University



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