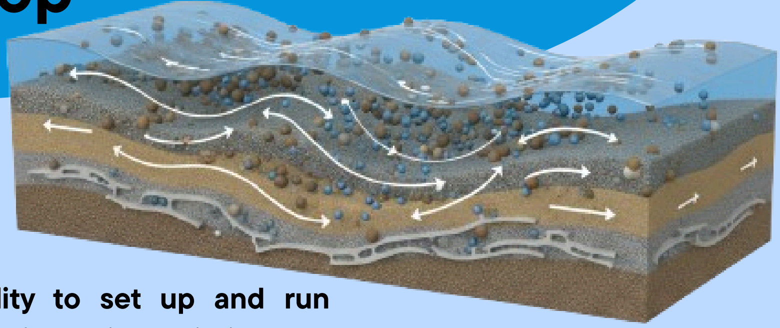
# HYDRO INTERNATIONAL 2025

## Pre-Conference Workshop

### Groundwater Flow and Contaminant Transport Modeling with FEFLOW



**Expected outcomes**

Participants will gain the ability to set up and run groundwater models in FEFLOW, including building and parameterizing models, conducting simulations, and interpreting fundamental results.

**Key Topics:**

- FEFLOW fundamentals, covering the graphical user interface, mesh creation, and complete model setup for both 2D and 3D groundwater flow systems.
- 2D groundwater modeling, including the development of flow models for confined and unconfined aquifers, hands-on exercises, and step-by-step result evaluation.
- 3D groundwater modeling, introducing 3D layer configurator concepts, modeling of phreatic and multi-layer aquifers, and performing transient flow and mass transport simulations.
- Practical application and analysis of 2D and 3D models, with extensive hands-on exercises focused on result interpretation, visualization techniques, and the use of FEFEST for comprehensive analysis.

**How to Register?**

Click here for Registration

http://bit.ly/47jkMn9

**Course Instructors:**

Dr. Subramani Ravi

Sr. Technical Support Engineer, DHI (India), Water & Environment Pvt. Ltd.

**Last date of registration- 30th November 2025**

Course Fee ( Including GST)

Students & Research Scholars: ₹6500

Working professionals: ₹10000

International Participants: $200

Bank Transfer/Demand Draft

Account Name: Conference NIT Rourkela Bank

Bank Name: State Bank of India

Branch: SBI NIT Campus branch

Account No: 36734418111

IFSC Code: SBIN0002109

For more details like Accomodation, please visit the conference website.

https://hydro2025.nitrkl.ac.in

Contact: Dr. Ratnakar Swain

swainrk@nitrkl.ac.in

**16-17th DEC**

**NIT ROURKELA**