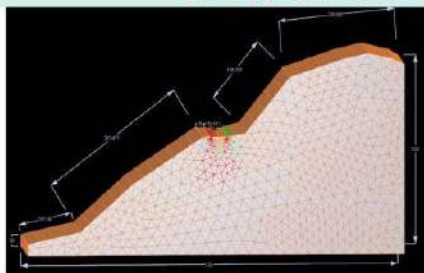


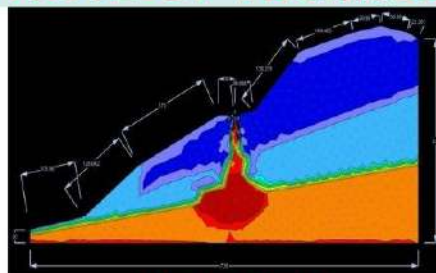
Modeling water flow and contaminant transport in subsurface using the HYDRUS 2D/3D software packages

HOSTED BY:

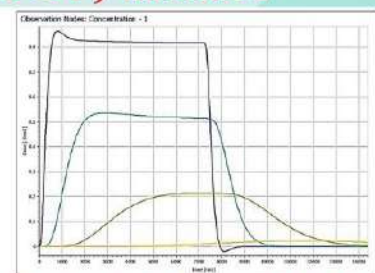
INDIAN INSTITUTE OF TECHNOLOGY, MANDI



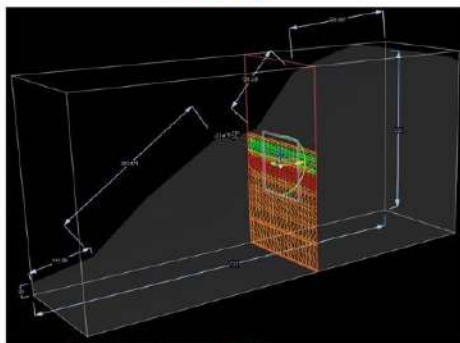
Geometry



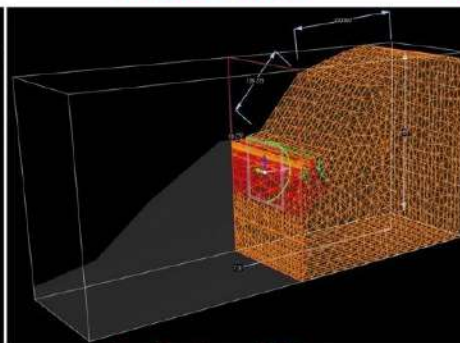
Moisture Profile



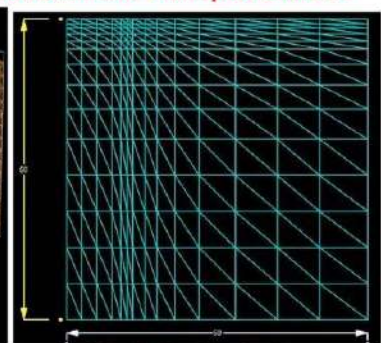
Contaminant Transport Studies



Application of Slicer



Application of Clipper



Mesh Manipulation

The course intends to make you familiar with the HYDRUS 1D, 2D and 3D. The short-term course will focus on the detailed elaboration of (i) Understanding of GUI and capabilities, (ii) Construction of geometry, (iii) Selection of boundary conditions, (iv) Understanding of input parameters, (v) Generation of mesh and its manipulation, (vi) Extraction of results, (vii) Parameter estimation, (viii) Advanced features (i.e., slicer and clipper).

Note: 20 Licence of HYDRUS 3D are available to support the workshop, which will be allotted on first come first serve basis (online participants may be provided remote access).

Course Coordinators



Dr. Deepak Swami

Associate Professor

IIT MANDI

Email: deepak@iitmandi.ac.in



Dr. Nitin Joshi

Assistant Professor

IIT JAMMU

Email: nitin.joshi@iitjammu.ac.in



Event Schedule: To be shared soon



Indian Institute of Technology,
Mandi

For any queries please contact :

Utsav Rajput (d21031@students.iitmandi.ac.in)

Ekta Chaudhary (ud22008@students.iitmandi.ac.in)

For more information:

www.iitmandi.ac.in