

Hydrus workshop was organised at IIT Mandi from September 9-11th, 2019

The workshop on Hydrus software package with HP! and phreeqc module was organized at IIT Mandi from 9-11 Sept. Prof. Jirka Simunek who has developed the code has come to take the lectures.

The workshop was organized jointly by IIT Mandi and IIT Jammu Dr Deepak and Dr Joshi were the coordinators from IIT Mandia and IIT Jammu respectively. Total 38 participants took part in the workshop from different parts of India, Srilanka and Nepal. During the lecture, Prof. Jirka trained the participants in the vadose zone modeling of groundwater, crop water requirements, calculation of evapotranspiration, groundwater recharge, and runoff flux calculation. The participants were also trained on contaminant transport modeling, for various inorganic, organic and heavy metal chemicals. estimation of transport parameters were also carried out with inverse algorithm. The Hydrus software package for 1-D, which is widely used is free available. The software is very useful groundwater hydrology and irrigation related problems.

The workshop concluded on 11 Sept after a series of lectures with an excellent feedback from the participants.