

REWARD-HYDROLOGY TRAINING WORKSHOP

*under Rejuvenating Watersheds for Agricultural Resilience through Innovative Development (REWARD) programme
Sponsored by World Bank and Funded by Directorate of Soil Conservation and Watershed Development, Odisha*

Dates: March 20-21, 2023

Venue: Room no. G028, School of Infrastructure, IIT Bhubaneswar

Program Schedule

Day 1 – March 20, 2023 (Monday)

09:00 AM - 09:30 AM Registration

09:30 AM -10:05 AM Inaugural function

Chief Guest: Shri. H K Panda, Director, DSC&WD, Government of Odisha

Tea break

10:15 AM-10:50 AM Session by *Invited Speaker Dr. A Sarangi*, Director, ICAR-Indian Institute of Water Management Bhubaneswar

11:00 AM-11:35 PM Session by *Invited Speaker (TBA)*

11:40 PM-12:15 PM Session by *Invited Speaker Prof. R K Panda*, Director, Climate Smart Agriculture, Siksha ‘O’ Anusandhan University

12:20 PM-12:55 PM ***Role of Hydrology in Science-based Watershed Planning***
Prof. B C Sahoo, PI, REWARD-Hydrology, OUAT Bhubaneswar

Lunch break

14:15 PM-14:50 PM ***Hydrology for REWARD: ICAR-IIWM Activities***
Dr. S K Jena, PI, REWARD-Hydrology, ICAR-Indian Institute of Water Management Bhubaneswar

14:50 PM-15:25 PM ***Watershed Interventions and Monitoring: Learning from Past and Use in REWARD***
Dr. Gopal Kumar, Pr. Scientist & Co-PI REWARD, ICAR-Indian Institute of Soil & Water Conservation (IISWC) Dehradun

Tea Break

15:30 PM-16:05 PM ***Role of Hydrogeology in Watershed Management***
Session by **Dr. P K Pagoda**, PI, REWARD, ORSAC

16:05 PM-16:40- PM ***Hydro-meteorological and Groundwater Monitoring at Micro-watershed Scale***
Dr. Meenu Ramadas, PI, REWARD-Hydrology, IIT Bhubaneswar

Closing Discussion

-End of Day 1-

Day 2 – March 21, 2023 (Tuesday)

09:30 AM - 11:00 AM

Technical Approaches/Software Demo Sessions:
(i) Watershed Delineation & Hydrological Modeling
(ii) Groundwater Recharge Modeling

Tea Break

11:10 AM – 13:00 PM

Technical Approaches/Software Demo Sessions:
(iii) Remote Sensing-based Applications
(iv) Hydrological Data Monitoring, Retrieval & Processing

Lunch Break

14:15 PM – 16:15 PM

Field-scale and Lab Experiments Demo & Hands-on Sessions:
(i) GPS & Groundwater Level Data Collection
(ii) Infiltration Tests
(iii) Automatic Weather Station, LAI Meter & Soil Moisture Monitoring

Tea Break

16:30 PM – 17:30 PM

Closing Discussion & Valedictory Function
