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दोलाबारी, कालियाभोमोरा
 Dolabari, P.O. Kaliabhomora
 तेजपुर-784027, असम (भारत)
 Tezpur-784027, Assam (India)

पूर्वोत्तर क्षेत्रीय जल और भूमि प्रबंधन संस्थान

NORTH EASTERN REGIONAL INSTITUTE OF WATER AND LAND MANAGEMENT

(जल संसाधन, नदी विकास और गंगा कायाकल्प विभाग, जल शक्ति मंत्रालय, भारत सरकार के अधीन एक संस्थान)

(An Institute under the Department of Water Resources, River Development and Ganga Rejuvenation,
 Ministry of Jal Shakti, Govt. of India)

NERIWALM is organising a 03 days training programme on HYDROLOGICAL MODELLING during 28-30 May,2025 at NERIWALM, Tezpur. Interested target group may be nominated for this training.

Course fee: No course fee
 Boarding and lodging: Participants will be provided boarding and lodging at institute campus
 Travel Allowance: TA of participants will be borne by nominating institute.
 Intake capacity: 30 Nos.
 Contact: In-charge Training
 Mobile No. 7035660793
 Email: neriwalmtraining18@gmail.com

Nomination format

Sl No.	Name	Designation & Name of department/organization	Contact No.	Email	Accommodation required?		If required, From _____ To _____
					Yes	No	

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Programme Schedule

Training Program: HYDROLOGICAL MODELLING

Target Group: Officers/Trainers/Faculty of State/Central Govt Organisations/institutes

Date and Venue: 28 - 30 May, 2025 at NERIWALM, Tezpur

Date/Day	Time	Topics
28.05.2025 (Wednesday)	10.00 – 10.30 AM	Registration, Pre Training Evaluation & Inauguration
	10.30 - 11.00 AM	Tea Break
	11.00 - 12.00 PM	Basics of Hydrological Modelling
	12.00 - 01.00 PM	Role of RS and GIS in Hydrological Modelling
	01.00 – 2.30 PM	Lunch Break
	02.30 - 03.30 PM	Introduction to QGIS: Installation and Interface Overview (Hands-on Training)
	03.30 - 03.45 PM	Tea Break
	03.45 - 05.00 PM	Watershed Delineation using QGIS (Hands-on Training)
29.05.2025 (Thursday)	10.00 - 11.00 AM	Climate Change: Concepts and Challenges
	11.00 - 11.15 AM	Tea Break
	11.15AM- 12.15PM	Climate Change Data for Hydrological Modelling (Hands-on Training)
	12.15 - 01.15 PM	Installation and Overview of HEC-HMS Software
	01.15 - 02.30 PM	Lunch Break
	02.30 - 03.30 PM	Preparing Input Data for HEC-HMS (DEM, Rainfall & Other Parameters) (Hands-on Training)
	03.30 - 03.45 PM	Tea Break
	03.45 - 04.45 PM	Model Setup and Execution in HEC-HMS (Hands-on Training)
30.05.2025 (Friday)	04.45 -05.45 PM	Model Calibration and Validation Techniques (Hands-on Training)
	10.00 - 11.00 AM	Google Earth Engine in Hydrological analysis
	11.00 - 11.15 AM	Tea Break
	11.15AM- 12.15PM	Google Earth Engine in Hydrological analysis (Hands-on Training)
	12.15 - 01.15 PM	
	01.15 - 02.30 PM	Lunch Break
	02.30 - 03.30 PM	Practice and Doubt Clearing session
	03.30 - 03.45 PM	Tea Break
	03.45 - 04.45 PM	Feedback and Valedictory

(Chandam Victoria Devi)
 I/c Training

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