

High-End Workshop

on

Hands-on-training using 'Q-GIS' and 'R Programming': An integrated approach towards understanding the changing dynamics in Water Resources

(under the ABHYAAS Scheme – a SERB Initiative)

(September 15-28, 2022)



Organized by:

Land & Water Management Research Group
KSCSTE - Centre for Water Resources Development
and Management (CWRDM), Kozhikode – 673 571,
Kerala, India

Sponsored by:

Science & Engineering Research Board (SERB),
Department of Science and Technology (DST),
Govt. of India, New Delhi

About the High-End Workshop

The event will be conducted as 'Karyashala' intended towards the ABHYAAS scheme of Accelerate Vigyan, SERB to support motivated PG and PhD level students at CWRDM, Kozhikode during September 15-28, 2022 (*in physical mode*). The aim of this High-End workshop is to disseminate the scientific knowledge on various techniques involved in visualizing, processing, analyzing, and mapping various spatial and non-spatial data pertaining to 'Water Resources' through hands-on training sessions on open source software's like 'Q-GIS' and 'R-Programming'.

Registration Guidelines

Applicants should be pursuing PG/PhD in any discipline of Earth Sciences (*including Geology, Geography, Geoinformatics, etc.*), Hydrology, Agricultural, and Environmental Science/Engineering from a recognized University/Institution in India (*recently completed PG scholars are also eligible to apply*). Candidates who have completed PhD will not be considered. **There is no registration fee.**

- Interested participants can apply through Google form(https://docs.google.com/forms/d/e/1FAIpQLSdAiyDVcZzcw3VOkkZBg7ns0rPFb_topZQCklnnCKVgBkwhtQ/viewform?usp=pp_url) latest by August 23, 2022.
- The number of participants is limited to 25 (*Intimation to Selected candidates: August 25, 2022*).
- Boarding and lodging will be borne by the organizing institute. TA may be admissible as per the sponsoring agency norms & rules.

Host Institute

CWRDM is a premier R&D institution in the 'Water sector' established by the Government of Kerala under its Science and Technology Policy in February 1978. Later, the Centre was amalgamated with the Kerala State Council for Science, Technology and Environment (KSCSTE) in its Silver Jubilee Year-2003. CWRDM has substantially contributed to the scientific hydrologic studies and water management through addressing different problems pertaining to watershed development, wetland management, water management for agriculture, forest and urban hydrology, estuarine management, groundwater development, water quality management, irrigation and drainage issues.

Chief Patron:

Dr. Manoj P Samuel, *Executive Director CWRDM*

Head of Organizing Research Group:

Dr. U Surendran, *Principal Scientist*

Organizing Committee:

Dr. Celine George, *Senior Principal Scientist*

Er. Vivek B, *Scientist*

Dr. Ashish K Chaturvedi, *Scientist*

Er. Prajith V, *Scientist-B*

Dr. Rishma C, *Scientist-B*

Event Organizers:

Dr. K. Chinni V NagaKumar (*Scientist*)

Dr. Naveena K. (*Scientist-B*)

E-mail: karyashala@cwrdm.org; chinni@cwrdm.org

Contact No: 0495-2351892 (O); 8075628150 (M)