Overview
This workshop is organized as part of the Scientific Social Responsibility under SERB funded project which is aimed towards fostering research culture among teachers, students and the academic community and public outreach and knowledge dissemination.

Reservoirs are the backbone structures for sustainable irrigation. At present these reservoirs are experiencing a loss of storage capacity due to sedimentation, water quality degradation due to nutrient loads and toxins from blue-green algae. Changing climate is another threat which will increase this rate of deterioration as the intensity of rainfall in the future is predicted to increase. Therefore the loss of reservoir storage and its water quality needs to be monitored and necessary mitigation steps to be devised as early as possible to protect the life of reservoirs. This workshop will be a platform for the participants to understand the concepts of watershed modelling and reservoir water quality modelling with hands-on sessions.

- Lecture sessions on basics of Climate change, impacts on reservoirs
- Hands-on sessions on SWAT+ and WASP
- Hands-on sessions on climate data extraction using Python

Centre for Water Resources
Established in May 1979, the Centre for Water Resources (CWR) evolved from the Hydraulics Division of the Department of Civil Engineering at the College of Engineering, Guindy, Chennai. Dedicated to advancing education, research, consultancy, and training in hydrology, water resources engineering, irrigation management, and water quality and quantity management, the Centre plays a pivotal role in academic support for B.E. Civil Engineering and selected subjects for other branches.

Research efforts are bolstered by UGC PhD fellowships, including the South Asia Water Fellowship (SAWA Fellowship) funded by the government of the Netherlands (2006-2012) and IDRC Canada's support for female candidates pursuing M.E. IWRM (2015-2021). UGC's Department of Special Assistance and COSIST Programmes, along with the Department of Science and Technology's FIST Programme, contribute to the Centre's development.

Key Dates
Last date for registration (online) : 07.02.2024
Intimation of Selection : 09.02.2024
Confirmation by participants : 10.02.2024

Registration link
https://forms.gle/tPfdMgKiQAhUq2AU6

Venue
Centre for Water Resources

Instruction to the Participants
- There is no registration Fee for attending the workshop. Limited to 30 participants only.
- Teachers, Researchers from Universities, Colleges and other higher educational institutions are eligible to participate.
- Participants selection based on First Come First Serve basis
- Registration only through online - Google form Link.
- Workshop will be conducted in physical mode only.
- Participants are expected to attend all sessions and participate in all activities.
- Certificate will be issued only if attendance is satisfactory.
- Participants have to make their own arrangement for their travel and stay.
- Accommodation on payment basis is available inside the campus.

Organizing Committee
Chief Patron: Prof Dr R Velraj
Vice Chancellor
Anna University

Patron: Prof J Prakash
Registrar (i/c), AU

Chair: Prof L Suganthi
Dean, CEG, AU

Co-Chair: Prof K P Jaya
Head, Department of Civil Engineering, CEG, AU

Convenor: Prof Madhavi Ganesan
Director, CWR, AU

Coordinator: Dr E Arun Babu
Principal Investigator and Associate Professor, CWR, AU
# SERB SPONSORED THREE-DAY WORKSHOP ON
CLIMATE CHANGE IMPACT ON
RESERVOIR QUANTITY AND QUALITY: CONCEPTS AND MODELING

## REGISTRATION FORM

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### Declaration

The information provided by me is true to the best of my knowledge. I agree to abide by the rules and regulations governing the Workshop. If selected, I shall attend the Programme for the entire duration. I also undertake the responsibility to inform the Coordinator in advance if I am unable to attend the course.

Place:  
Date:  
Signature of the Applicant

### Nomination by the Head of the Institution

Mr./Ms./Dr. ___________________________ is a Faculty of our Institute and is hereby nominated for the above Workshop. He/She will be permitted to attend the programme, if selected.

Signature and Seal of the Head of the Institution