



ONLINE TRAINING PROGRAMME ON

INNOVATION IN WATER RESOURCES MANAGEMENT AND ITS CHALLENGES

22-25 July 2024



**AFRICAN-ASIAN RURAL DEVELOPMENT
ORGANIZATION (AARDO)**

ENSURE AVAILABILITY AND SUSTAINABLE MANAGEMENT OF WATER AND SANITATION FOR ALL

6 CLEAN WATER AND SANITATION



THEME OF THE PROGRAMME

INNOVATION IN WATER RESOURCES MANAGEMENT AND ITS CHALLENGES

Sponsoring Organization

African Asian Rural Development Organization (AARDO)
(www.aardo.org)

Training Institute (Host)

Rajiv Gandhi National Ground Water Training and Research Institute (RGNGWTRI)

Duration

22 to 25 July 2024
for 04 days (08 hours)
with 2 hours session on each day.

Session Timing

2:00 PM to 4:00 PM
(Indian Standard Time GMT+5:30)
(Please Check Local Time Zone)

Virtual Platform (Software)

Zoom Software

Deadline for Application

15th July 2024

BACKGROUND

Ground Water is a finite and precious resource. In a given set up, adequate availability of good quality water is a concern as the potential for water shortages exists. Shortages of good quality water are real and would have significant impacts on the economy and the environment. There is a compelling need to continuously revisit and update technologies in water management to meet these challenges. Moreover, there is a commensurate need to educate decision-makers and stakeholders about the potential benefits of such technologies.

The purpose of this training is to effectively facilitate the incorporation of new, innovative water management technologies and science into policies that benefit the environment and economy, especially in African and Asia countries. Innovative water management technologies of CGWB are being disseminated through the program to AARDO member countries in Africa and Asia.

THE MAIN OBJECTIVES OF THIS PROGRAM

- To provide insights into the innovative technologies in water management developed by CGWB
- To impart required skills to African-Asian countries in their scientific research and organizational capacity.
- To guide participants in developing water security plans in their country.
- To provide an opportunity to replicate innovative techniques as per the Indian model of integrated water resources development and management.
- To provide a platform for future collaborative studies with the AARDO member countries in Africa and Asia

COURSE CONTENTS

- National Aquifer Mapping (NAQUIM-1.0 & 2.0)
- National Aquifer Mapping (NAQUIM) for Deccan Basaltic terrain
- Overview of India Ground Water Resource Estimation System (IN-GRESS)
- Case studies of Tamas Wada and Bridge-cum-Bandhara
- Participatory groundwater management- Atal Bhujal Yojana (Atal Jal)
- Delineation of palaeo-channel aquifer with case study in desert terrain of NW India

OUTLINE OF THE PROGRAMME

- Basics of hydrogeology to integrated water resources management.
- Dissemination of groundwater domain knowledge and techniques.
- Innovations of the Central Ground Water Board (CGWB), which the organization has gained or developed through various surveys, explorations, and assessments in the field of groundwater across the country.

MEDIUM OF COMMUNICATION

The medium of communication is English only. The participants are expected to have a good working knowledge of English

TARGET AUDIENCE

The training programme to be attended by mid and senior-level officials working in the relevant field in their respective countries. Resource persons from the host Institute and other institutions, having rich experiences on the subject will be invited to share their experiences and expertise with the participants.

ESSENTIAL QUALIFICATIONS

Bachelor Degree with a considerable working experience in planning and executing programmes ;

- Must be subject specialist and related to the programme;
- Proficiency in English, as the medium of instruction is English only; and
- Must be conversant with ICT and willing to undertake online training course

SELECTION OF PARTICIPANTS

The participants of the training programme will be selected by AARDO and RGNGWTRI. Thereafter, selected participants will be provided with login ID and password to access the programme.

HOW TO APPLY:

Step 1:

Log on to the link: <http://aardo.org/formDD.php>

Step 2:

Fill up the details and submit. Take print out of the filled in application form.

Step 3:

Applicants are required to sign their applications and send them along with the recommendation letter of the Nodal Ministry of AARDO/Centre of Excellence to our email: iec@aardo.org

CERTIFICATE

E-Certificate authenticated with signature of H.E. Secretary-General, AARDO and Dean of RGNGWTRI, will be provided after the successful completion of the training programme.

WHATSAPP COMMUNICATION

WhatsApp communication will be established among the participants, host institute and AARDO for faster communication and information sharing.

ABOUT THE HOST TRAINING INSTITUTE (RGNGWTRI AND CENTRAL GROUND WATER BOARD)

Rajiv Gandhi National Ground Water Training and Research Institute (RGNGWTRI) is a premier institute of Central Ground Water Board, Ministry of Jal Shakti, Government of India, located at Naya Raipur, Chhattisgarh. The institute is working as a “Centre of Excellence” in training and research in the core and applied field of groundwater. Since 1997, it is engaged in capacity building of professionals, sub-professionals and the people working in groundwater sector at grass-root level. The



training topics cover from the basics of hydrogeology to integrated water resources management, disseminating the groundwater domain knowledge, techniques and innovations of Central Ground Water Board (CGWB), which the organization has gained or developed through various surveys, explorations and assessments in the field of groundwater across the country, since its inception in year 1972. Starting from imparting trainings to direct stakeholders at grassroots level, RGNGWTRI has also extended its scope to impart trainings to foreign Nationals. The institute has conducted three trainings for foreign nationals: i) training for professionals from Republic of Yemen on 2006, ii) training on ground water modeling and management for 18 professionals from 8 African countries in 2011 and iii) training for professionals from Nepal in 2016.

Important Notes:

- ⇒ Application without recommendation of the AARDO’s Nodal Ministry/ Center of Excellence in participant’s country will not be considered.
- ⇒ Application, duly completed, must reach the AARDO Secretariat before or on the closing date, **15 July 2024**.
- ⇒ Due to limitation of number of participants, only selected candidates would be intimated through the Nodal Ministry and AARDO’s Centres of Excellence.
- ⇒ Selected candidates will be required to actively attend all the live sessions of e-training programme to be eligible to obtain e-certificates.

AARDO’s Programme Coordinators:

Dr. Sanjeeb Behera
Head, IEC Division
E-mail : sanjeebbehera@aardo.org
Mobile : +919810664507

Mr. Kamal Dhameja
Senior Technical Officer
E-mail : kamaldhameja@aardo.org
Mobile : +918076448341