

# ENHANCING INNOVATIVE APPROACHES FOR WATERSHED MANAGEMENT

9<sup>th</sup> – 23<sup>rd</sup> October, 2023  
University of Dar es Salaam, Tanzania

- The theme of this summer school is “**Enhancing innovative approaches for watershed management**”. The summer school aims to promote sustainable water resources management in the Southern African regions. The programme is designed to train young professionals from various water sectors to address the water challenges facing the region and to promote sustainable development.
- The program focuses on six key areas: Integrated water resource management; Groundwater management; Innovation in water resources-SMART; Climate change adaptation and resilience; Citywide inclusive sanitation; Application of various tools for water resource management.
- The programme goal is to engage in capacity building and knowledge sharing.
  - The program's approach is based on innovation integration, which involves bringing together different perspectives and knowledge systems to develop holistic solutions.

## WHAT TO EXPECT

Participants will achieve the following upon completion:

- i. Develop a strong understanding of IWRM and acquire practical skills to contribute to sustainable water resources management.
- ii. Gain a comprehensive understanding of SMART technology concepts and principles and apply them to water resources management.
- iii. Analyze, predict, and assess climate risks and vulnerabilities, and apply adaptation strategies in real-world situations.
- iv. Evaluate groundwater resources, analyze management practices, and effectively utilize them in a sustainable manner.
- v. Apply principles of citywide inclusive sanitation to address challenges related to improving access to WASH services in diverse settings.
- vi. Assess the appropriate use of tools in various scenarios to enhance decision-making processes.
- vii. Engage in interactive discussions, case studies, and group projects to deepen their understanding of the covered topics.





## HOW TO APPLY

- Kindly click [HERE](#) to register
- All inquiries should be emailed to [wrep@udsm.ac.tz](mailto:wrep@udsm.ac.tz) copy [marwaleah@gmail.com](mailto:marwaleah@gmail.com)
- Applicants resident in Eastern and Southern regions are recommended to apply.
- Applicants must submit a relevant proposal.
- The provision of Personal Information is a requirement in terms of the University's selection process. The University will ensure that the appropriate security measures are in place and implemented for electronic and paper-based formats used to process the personal information recorded through this selection process.
- THE DEADLINE FOR APPLICATIONS IS 30<sup>th</sup> August 2023. Late and incomplete applications will not be considered.

## PROGRAMME OUTLINE

- Water resources management Challenges and global and regional development frameworks.
- Groundwater Modelling and Management.
- Climate change prediction, adaptation and resilience.
- Citywide Inclusive Sanitation.
- Innovation in water resources e.g., SMART.
- Academic scientific writing.
- Practical applications of Earth Observation tools and datasets for Water Resource Management.

## WHO IS ELIGIBLE

- The call is open for all postgraduate students in the field of water resource engineering, Integrated water sources management, integrated sanitation management, civil engineering, environmental science, geomatics/geoinformatics, agriculture and fisheries, forestry, urban and regional planning and related fields.
- Submission of relevant proposals.
- Applicants are required to have proficiency in English.

## PROGRAMME COST

- A limited number of full and partial sponsorships are available to financially needy candidates from SADC countries who meet the criteria to participate.
- The prescribed fee for participants who are self-sponsored is 800 USD for International participants and 1,500,000 Tzs for local participants, which includes registration, training, accommodation, lunches, and teas during training.
- Self-sponsored participants are responsible for their flights and airport transfers.







## PAYMENT DETAILS

### Payment details for local (Tanzanian) Participants

**Bank Name:** CRDB BANK PLC  
**Branch:** UDSM  
**Branch Code:** 3386  
**Account Name:** University of Dar es Salaam  
**Account Number:** 0150329567500  
**Currency:** TZS  
**Swift Code:** CORUTZTZ  
**Account Type:** Current Account  
**Bank Postal Address:** 268 – Azikiwe Street, Dar es Salaam  
**Reference to be used:** SummerSchool, Initials, Surname (e.g. Summerschool, D. Kidawa)

### Payment details for International Participants

**Account Holder Name:** UDSM CoET Forex Account  
**Account Holder Number:** 0250692615800  
**Branch Name:** UDSM Branch  
**Branch Sort Code:** 3386  
**Swift Code:** CORUTZTZ  
**Branch Location:** UDSM  
**Type of Account:** Current Account  
**Currency:** USD  
**Reference to be used:** SummerSchool, Initials, Surname (e.g. SummerSchool, D. Kidawa)

Kindly click [HERE](#) to apply