



THE UNITED REPUBLIC OF TANZANIA

MINISTRY OF WATER

WATER INSTITUTE



Water Institute (WI) announces a one (1) week Short-Course Training on GIS for Hydrologists, Civil and Water Engineers, Civil and Water Technicians and Water Resource Managers from various academic and non academic Institutions

Objective: To provide practical skills and knowledge on using GIS for water resource data capture, water quality monitoring, water resources analysis and management.

Intended Outcomes: At the end of this training, the trainee(s) will be able to use GIS to collect, analyze create database, present water information and interpret hydrological parameters using GIS.

Costs for the intended course:

Cost for the training is Tshs. 50,000/= for students and Tshs. 200,000. for non students . The course starts from 25th Feb. 2019 to 1 March 2019 at Water Institute Campus, located at Ubungo, off University Road.

The payment must be done through our bank account name; Water Institute, NMB Bank, Account No; 22501000004.

Delivery System: The training will use QGIS 3.0.1 software, GPS and satellite images for practical training, through hands-on activities.

Course content

- Data capture from satellite images and maps
- Water database creation and analyses
- Summary reports generation from water database
- Hydrological parameters generation from DEM
- Water resources information presentation and visualization through maps and graphs
- Water quality mapping with GIS
- Water supply planning with GIS

For further information regarding registration for the course please contact the following:

1. Eng. Livingstone M. Swilla
Head of Continuing Education and Innovation
Department
Mobile: +255 719474106
Email: livingstone.swilla@waterinstitute.ac.tz

2. Mr. Omary Mazola.
Co-coordinator-Continuing Education
and Innovation Department
Mobile: 0713/0788 - 4956 44
Email: ommyeseme@gmail.com

3. GIS Training Facilitator
GIS Training and Innovation Consortium
Mobile: 0627 899 183
Email: tzgistraining19@gmail.com

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