



Central Water Commission National Water Academy

Online Training Program on 'Introduction to RS & GIS using QGIS' (03-14, November 2025)

Introduction

QGIS is a free and open source Geographic Information System that may be used across devices and platforms. QGIS also comes with an active user community support alongside extensive help and documentation. Help is typically a button click away. Additionally, QGIS supports a Plugin architecture allowing users to enhance its functionality with variety of plugins and extensions.

This training program is designed as a foundational program for water professionals with a basic understanding of GIS & Remote Sensing concepts.

Program Contents

- Overview of RS & GIS Technologies
- Open access spatial data sources and their download
- Working with Tabular, Vector and Raster data
- Hydroprocessing of DEM & Catchment Delineation
- Creating Maps
- QGIS Plugins/Customization using Python
- LULC Mapping using QGIS



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Program Format

Online lecture modules with flexi-time approach through the NWA e-Learning Portal. Participants are required to complete the modules and assessment tests for receiving the e-certificate.

Who can attend

Water Resources professionals from the Centre/State Government departments and all other stakeholders interested in the subject

Fee

There is no course fee

Registration

Fill in the Google form using the link given below on or before 31.10.2025

<https://forms.gle/hw7fRiyJ4DLvMEgZ8>

For any further information please contact:

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