

Registration information

Enterprise GIS and Data Management for Broadband Mapping

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Training details

Modality: Face to Face

Location: Lilongwe, Malawi

Dates: 24 Aug 2026 - 28 Aug 2026

Training fees: \$0.00

Language: English

Application deadline: 01 Aug 2026

Training code: 26WS500488AFR-E-D

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Training description

This intermediate-level course strengthens technical competencies required to deploy, manage, and maintain enterprise GIS environments supporting national broadband mapping systems under the Africa-BB-Maps initiative.

Building on the foundational knowledge acquired in the Basic training, this course focuses on multiuser geodatabase configuration, structured data governance, enterprise workflows, and advanced editing within ArcGIS Pro.

The course covers the following official Esri curriculum components:

- Deploying and Maintaining a Multiuser Geodatabase
- Creating and Editing Data with ArcGIS Pro

The training provides structured coverage of:

- Enterprise GIS architecture and multi-tier environments
- Multiuser geodatabase configuration and management
- Data loading, schema administration, and structured update workflows
- User roles, access control, and privilege management
- Topology rules and data integrity enforcement
- Database performance optimisation and maintenance
- Publishing geospatial services and controlled data sharing

Through guided enterprise-level exercises using broadband-related datasets (e.g., fibre routes, mobile coverage layers, infrastructure locations, administrative boundaries), participants acquire the

skills required to operate and sustain national broadband mapping systems in multiuser production environments.

For more information about the training objectives, target population, entry requirements, methodology, evaluation and content, consult the page [here](#).

How to apply

In order to register for the training, applicants should:

1. Create an ITU Academy account [here](#)
2. Apply for the course [here](#)
3. The selection of participants for the course will be made by the course coordinators, based on the course's entry requirements, selection criteria and available number of seats. If selected, you will receive a notification by email.



The [ITU Academy](#) is the International Telecommunication Union leading platform for capacity development initiatives.

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