

## Informations sur l'inscription

# Enterprise GIS and Data Management for Broadband Mapping

Organisé par:



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## Détails de la formation

**Modalité:** Face to Face

**Lieu:** Abidjan, Côte d'Ivoire

**Dates:** 21 Sep 2026 - 25 Sep 2026

**Frais de formation:** \$0.00

**Langue:** French

**Date limite de candidature:** 01 Jun 2026

**Code de formation:** 26WS500496AFR-F-D

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## Description de la formation

This intermediate-level course strengthens technical competencies required to deploy, manage, and maintain enterprise open source 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 spatial database configuration, structured data governance, enterprise GIS workflows, and advanced spatial data management using open source technologies.

The course covers the following open source GIS components:

- Deploying and Managing Spatial Databases using PostgreSQL and PostGIS
- Advanced Spatial Data Management and Editing using QGIS

The training provides structured coverage of:

- Enterprise GIS architecture and multi-tier system environments
- Spatial database configuration and administration using PostgreSQL/PostGIS
- Data loading, schema design, and structured dataset management
- User roles, access control, and privilege management in spatial databases
- Topology rules, spatial validation, and data integrity enforcement
- Database indexing, performance optimisation, and maintenance
- Integration of spatial databases with desktop GIS workflows using QGIS
- Controlled data sharing and structured data management workflows

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

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

The course emphasises the practical deployment and management of spatial data infrastructure using open source technologies, enabling participating countries to maintain sustainable and scalable broadband mapping systems.

Pour plus d'informations sur les objectifs d'apprentissage, le public cible, les conditions d'entrée, la méthodologie, l'évaluation et le contenu, consultez la page [ici](#).

## Comment postuler

Pour s'inscrire à la formation, les candidats doivent:

1. Créer un compte ITU Academy [ici](#)
2. Postuler pour la formation [ici](#)
3. La sélection des participants à la formation sera effectuée par les coordinateurs, en fonction des exigences d'entrée, des critères de sélection et du nombre de places disponibles. Si vous êtes sélectionné, vous recevrez une notification par e-mail.



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