
[Infrastructure mapping for school connectivity](#)

Registration

Start date of registration

08 Nov 2024

-

End date of registration

20 Feb 2025

Event dates

Start date

27 Feb 2025

-

End date

28 Feb 2025

Location

Geneva
Switzerland

Global or multi-regional

Training topics

Training topics

Wireless and fixed broadband

Big data and statistics

Training type

Training modality

Face to Face

Languages

Languages

English

Coordinators

- Carla Licciardello
- Sebastien Peytrignet
- Attila Horvath
- Carolina Anselmino

Event email contact

Event mail contact

fns@itu.int

Price

\$0.00

* Financial support available

Event organizer(s)



Initiative



Description

As part of the project on capacity development to accelerate school connectivity under the umbrella of the ITU Academy and through the Giga Learning Hub, ITU will host a face to face training to introduce the methodology to measure gaps in ICT infrastructure and for connectivity business planning. It aims to improve the theoretical and practical skills of participants in collecting ICT infrastructure data, identifying underserved areas, applying GIS tools, and using connectivity models to test and compare selected connectivity scenarios.

During practical hands-on sessions, participants will learn how to source and prepare their own data using data dictionaries and common standards. The sessions will cover topics such as exploratory data analysis, data validation, visualization, and more advanced topics like visibility analysis for point-to-point connectivity and fiber path analysis.

The training will involve practical sessions where participants will gain hands-on experience using QGIS and Jupyter Notebooks, working through real-life case studies related to school connectivity.

Financial support available

Registration information

[Document on registration information \(English\)](#)

Unless specified otherwise, all ITU Academy training courses are open to all interested professionals, irrespective of their race, ethnicity, age, gender, religion, economic status and other diverse backgrounds. We strongly encourage registrations from female participants, and participants from developing countries. This includes least developed countries, small island developing states and landlocked developing countries.

Related documentation and links

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