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Registration information

Infrastructure mapping for school connectivity

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Initiative

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Training details

Modality: Face to Face
Location: Geneva, Switzerland
Dates: *27 Feb 2025 - 28 Feb 2025*
Training fees: $0.00
Language: English
Application deadline: 20 Feb 2025
Training code: 25WS500178MUL-E-D
Contact: fns@itu.int

Training 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.

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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