7.0 Data Use and Analysis

In this section, Project Managers will find tools and resources on how to use OSM data to create map products for decision-making including:

- A step-by-step guide for getting started with QGIS, including presentation slides
- A step-by-step guide for creating maps and atlases in QGIS
- Detailed guides and resources for using data in web and interactive maps

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There are a handful of free **Data Use and Analysis** tools available to use your field generated data, extract and utilize OSM data, or combine datasets to create maps, atlases, and other visuals for decision making.

- 7.1 Introduction to QGIS provides an introduction to the open source geographic information system (GIS) software that allows you to analyze and edit spatial information, as well as compose and export geographic maps. Additionally, the section includes a step-by-step guide that project managers can use in trainings for installing QGIS and learning basic skills.
- 7.2 Creating Maps and Atlases in QGIS covers more advance skills in QGIS, providing managers with training materials to create maps and atlases in QGIS.
- 7.3 Web & Interactive Maps provides a basic guide to two interactive mapping tools, uMap and Overpass Turbo Query.

The following presentation(s) can be used to lead a training or workshop:

- Introduction to QGIS