2.0 Introduction to Digitization and Editing in OSM

In this section, Project Managers will find tools and resources to lead and implement organized OpenStreetMap editing activities including:

- Presentations and step-by-step guides for introducing teams to OpenStreetMap and editing tools such as the HOT Tasking Manager.

- Resources for determining if your project needs to meet OSM Organized Editing Guidelines
- Detailed guides and training activities for digitization teams to use during validation and data upload

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Digitization, or remote mapping, is the process of tracing features such as buildings and roads from aerial or satellite imagery to create map data. OpenStreetMap relies heavily on users generating data through digitization.

With OpenStreetmap at the core of our tools and workflows, mapping projects using HOT tools and workflows will likely incorporate digitization or editing of OSM data during one, in not multiple phases in the project timeline. While numerous resources exist to teach new users how to use OpenStreetMap for the first time, this section is largely designed to guide project managers and community members through the digitization process from the perspective of leading trainings and managing teams conducting OSM editing. Users looking for guidance on individuals mapping in OSM should look to LearnOSM.org as a resource.

- 3.1 Introduction to OSM contains a brief overview of OpenStreetMap with the purpose of being distributed as supplemental training guides.

- 3.2 Organized Editing Guidelines covers considerations project managers and communities should make when organizing focused digitization or editing campaigns.
- 3.3 Working with the HOT Tasking Manager provides an overview of HOT's tool for crowdsourcing OpenStreetMap edits, as well as a guide for setting up tasks in the Tasking Manager.
- 3.4 Editing with iD and JOSM Editor provides guidance on selecting the appropriate OSM editing tool for your project or event, and training materials using both tools.
- 3.5 Validating with JOSM dives into the validation process step-by-step.
- 3.6 Resolving conflicts in JOSM provides additional assistance for teams conducting advanced OSM editing.

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

- Introduction to OSM
- Introduction to HOT Tasking Manager
- Mapping with iD Editor
- Mapping with JOSM
- Validating with JOSM