Three Days OSM Training Outline

Day One: Introduction to OSM & JOSM

Time	Duration (minutes)	Activity	Materials
9:00	90	Introduction to OSM - Ramani Huria - Navigating the Map - Creating user accounts - Map Layers - Share	1-1 Dar Ramani Huria
10.30	30	Break	
11.00	120	Introduction to JOSM - Downloading JOSM - Installing JOSM - Basic Operations - Drawing nodes, ways - Adding tags - Tools Menu - Using imagery (mbtiles)	1-2 Introduction to JOSM
13.00	60	Lunch break	
14.00	90	Data model and tagging - What are tags, why use them - Data model by feature - Drainage - Buildings - Roads - Sanitation - Land use	1-3 Data model and tagging

Day Two: Data Collection Tools: Field Papers, GPS Units, JOSM in detail

Time	Duration (minutes)	Activity	Materials
9.00	90	Introduction to Field Papers ● Create and Print field papers ● How to Map with field papers Introduction to GPS Units and OSM Tracker ● How to use a GPS Unit to record waypoints and tracks ● Importing GPS data into JOSM ● Customising the GPX layers ● Uploading Traces to OSM ● OSM Tracker ● Other Mapping apps	2-1 Field papers 2-2 Mapping Tools
10:30	30	Break	
11:00	120	JOSM in detail ● Plugins ○ Buildings ○ mbtiles ○ utils plugin 2 ● Square buildings (Q) ● Joining nodes to ways (J) ● Ungluing ways (G) ● JOSM Filters ● Custom Presets ● Quality Assurance ● Validation tools ● Correct imagery offset ● Conflict Resolution	2-3 JOSM in detail
13:00	60	Lunch break	
14:00	90	Spare time for continued lecture on JOSM, or practical exercises with JOSM; remote mapping.	

Day Three: Daily Mapping Process

Time	Duration (minutes)	Activity	Materials
9.00	90	Create and print Field Papers for the day	
10.30	30	Break	
11.00	120	Data Collection Digitization	Mapping checklists Data model Data collection form
13.00	60	Lunch	
14.00	60	Data review Conflict Resolution	3-1 Data review
15.00	30	Briefing, groups 1, 2 and 3	3-2 How to make better maps Created on the fly.
15:30	30	Briefing, groups 4, 5, and 6	