

OSM for Conservation

OpenStreetMap as a basemap for Protected Areas



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Protected Areas
 - Slobozhanskiy NP (1)
 - Dvorichanskiy NP (2)
 - Gomolshanskiy NP (3)
 - Sokilnyky-Pomirky LP (4)

Equipment
 - Photo/Video Cameras
 - GNSS Receivers
 - Field Papers
 - Tablets
 - Bicycles

Participants
 - NP staff
 - Students
 - Teachers
 - GIS Professionals
 - Amateurs

Tools
 Collecting: OSMTracker, ArcGIS Mobile
 Editing: JOSM, iD, Vespucci
 QA: JOSM, ArcGIS, QGIS, PostGIS
 Management: Google Docs, OSM-Wiki, MapCraft
 Statistics: OSMRanking, Linfinity, PostGIS

Priorities
 - Hydrography
 - Vegetation
 - Land Use
 - Paths
 - Barriers
 - Bridges
 - Borders
 - Signposts
 - POI







Regular updating of large-scale maps is now conducted by governmental organizations and companies only for large cities, highways, resorts etc. For this reason, usually Protected Areas don't have possibility to purchase the basic data and appropriate actual maps that can be used in work process.

OSM has been successfully used by various organizations as an additional or main source of maps and data in cases where use of traditional providers was impossible or impractical. In some of these projects existing OSM products were not just used, but even actively created.

We have been studying and accumulating experience with OSM for Protected Area's management since 2010. In our projects for Kharkiv Protected Areas work was done both by local and remote participants of OSM-community. Basemaps and navigation maps that have been created in the framework of implemented projects were successfully used by employees and visitors of the Kharkiv NPs and Natural Monuments.

Our NPs are used ArcGIS and QGIS - both of these programs have plug-ins that allow you to download OSM data and maps of the AOI. This functionality is now used by employees of research departments to present the results of field observations. Mobile maps are actively using by research assistants, inspectors of protected areas, environmental non-governmental organizations that perform environmental monitoring.



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