

Mapeo

A new tool supporting for community owned territory mapping and monitoring of environmental and human rights abuses

1: Introduction of the Mapeo Mobile and Mapeo Desktop

- Main features of the tool: offline first; simple set up and low learning curve; community ownership and customized design; easy sharing of data; open source, accessible and free.

2: Digital Democracy

- Values: autonomy; collaboration; accessibility; social and environmental justice
- Approach: community partnerships for research and development; open source software development
- The need for Mapeo and the problems it set out to solve: tools designed with and by users to meet particular needs (remote, offline, community ownership)

3: Use Case 1: Waorani territory mapping in Ecuador

- Goal: to create a map which would show the intrinsic relationship between Waorani culture and their territory; to demonstrate how their lives and livelihoods would be impacted by oil operations.
- Methodology: community map drawing; GPS trainings; data entry in communities; print and online maps.
- Waorani resistance campaign, legal case and recent court victory.

4: Use Case 2: Community monitoring in the Amarakaeri Communal Reserve, Peru

- Goal: to collect actionable evidence on illegal activities and deforestation within a comanaged (state and communities) reserve threatened by gold mining and territorial invasions
- Methodology – community monitors use Mm to collect evidence, share and synchronise with each other to get data back to office; send alerts out emergency or critical impacts; create reports.

5: Upcoming developments

- Process to integrate data into the State systems
- Developing filtered online publication mechanism
- Integration with Forest Watcher (GFW tool)