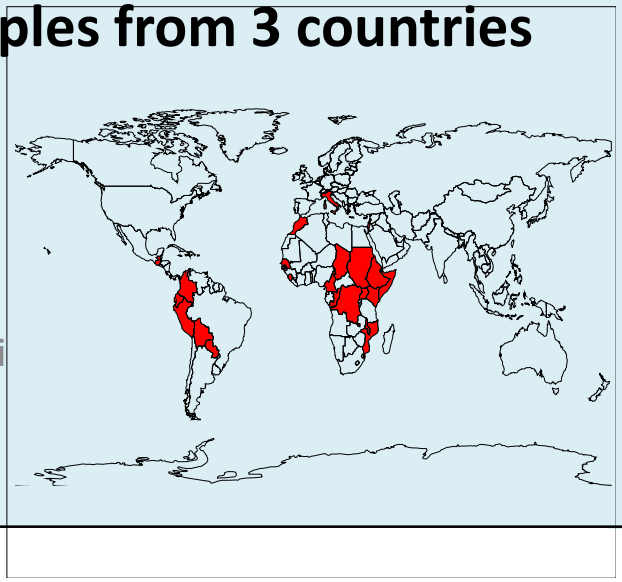
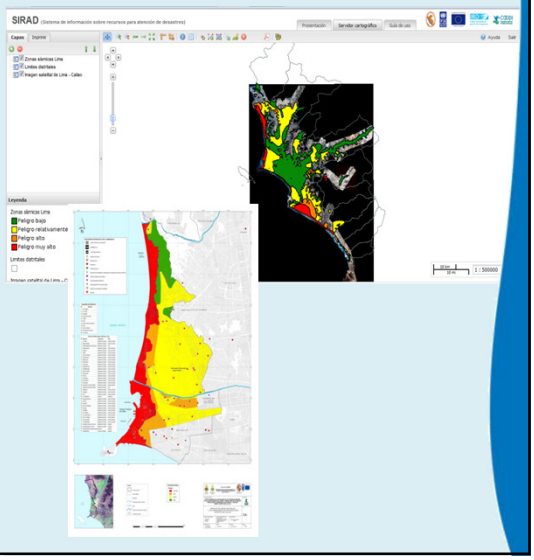
Disaster Preparedness: examples from 3 countries

Perù,
Haiti
Malawi



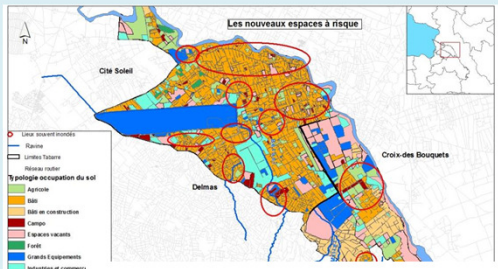
Perù: webGIS database

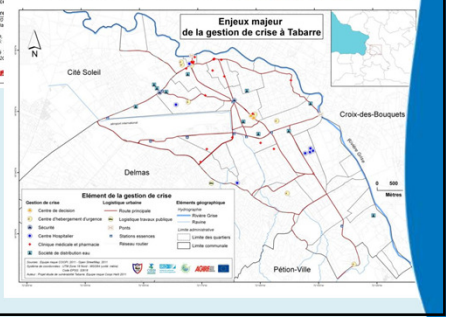
- SIRAD webGIS database (Institut de recherche pour le developpement) integrated into the national database from periuvian civil protection institution, SINPAD.
- Seismic and tsunami maps
- Technological risk maps
- simulations exercises:
  - http://www.vimeo.com/13872434



Haiti: OpenstreetMap

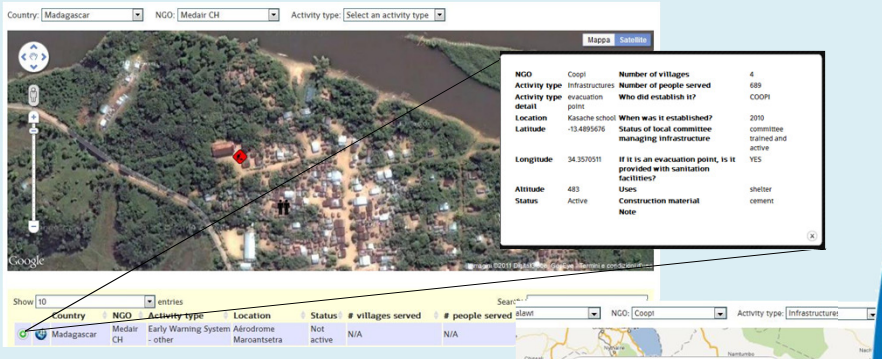
- WebGIS developed on OSM platform
- Technological risk maps
- Anthropic maps
- Haiti, difficulties in integrating the mapping system into local or national strategies.

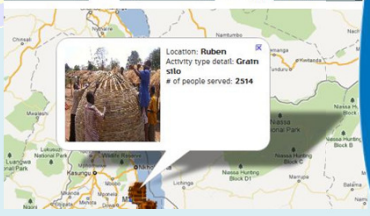




Malawi, Madagascar, Mozambique and Comoros Islands: NGOs' sharing platform

www.gi4drrdb.coopi.org is an online database to visualize data on Google Maps, upload and view geographical data or project documents.





- Possibility to collect and send data via cell phone, Open Data Kit.

Malawi: simulation exercise(floods)

- **PRA (Participatory rural appraisal) maps** (some supported by satellite images) + population data
- 1 village CPC (Civil Protection Committee) responsible for **upland/lowland communication → river gauge**
- 1 CPC responsible for **evacuation site preparation**

Success: same tools and strategies have been still used by communities after completion of project

Challenge: How to make these tools as ordinary part of response strategies?

Thanks