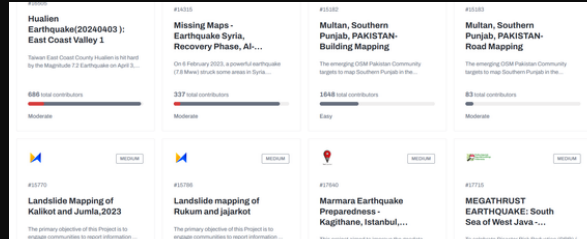# OPENSTREETMAP AND HUMANITARIAN MAPPING

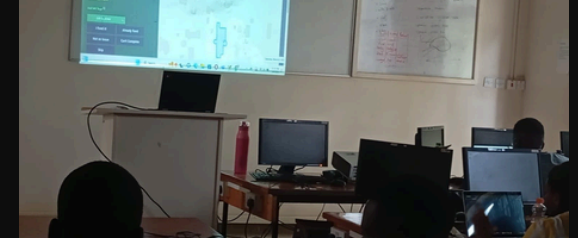### THE POWER OF OPEN DATA CONTRIBUTION AND HUMANITARIAN MAPPING.

State of the Map(SOTM) 2024 brought together mappers from all over the world and different OpenStreetMap(OSM) communities together in sharing the power and application of OSM data across various domains.

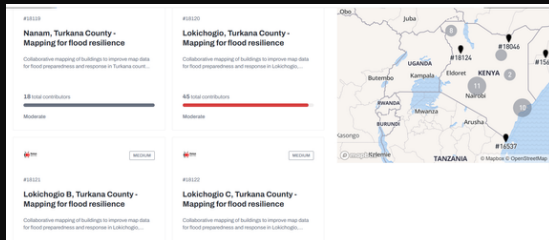### ROLE OF OSM IN HUMANITARIAN MAPPING

From anywhere in the world OSM brings together volunteers to map and validate data, revolutionizing how humanitarian organizations respond to disaster.
Examples: rapid crisis mapping of Haiti Earthquake in 2010,Turkey/Syria earthquake.
Humanitarian OpenStreetMap Team(HOT)- turkey earthquake pre-crisis preparedness - El-Nino mapping, missing maps(prior to cyclone Idai in 2019

HOW OPEN DATA EMPOWERS COMMUNITIES.

Youth mappers(at least 6 university chapters) and OSM Kenya celebrating International Women's Day2025.
 More examples include Map Kibera initiative in Kenya.

CASE STUDIES OF OPEN MAPPING FOR HUMANITARIAN AID

Mapping projects by Kenya RedCross mapping for flood preparedness in Turkana Kenya.

This is aimed at mapping vulnerable communities to support ongoing Disaster Risk Management initiatives, especially during the upcoming rainy/ flood season, by providing up-to-date data and detailed data on exposure and vulnerability, which enables emergency response planning and preparedness to be more efficient and impactful.

FUTURE OF OPEN MAPPING

Across the globe there is constant need to map unmapped and underserved area. More mapping is needed and validation to ensure quality of data is consistent.
Starting small with your home area means ease of giving direction and navigation.