



Humanitarian
OpenStreetMap
Team

Community strengthening through anticipatory action: the Anticipation Hub and humanitarian mapping

ICVA Annual Conference 2021

Session 2: Lights! Showcasing initiatives: A dynamic World Café
session

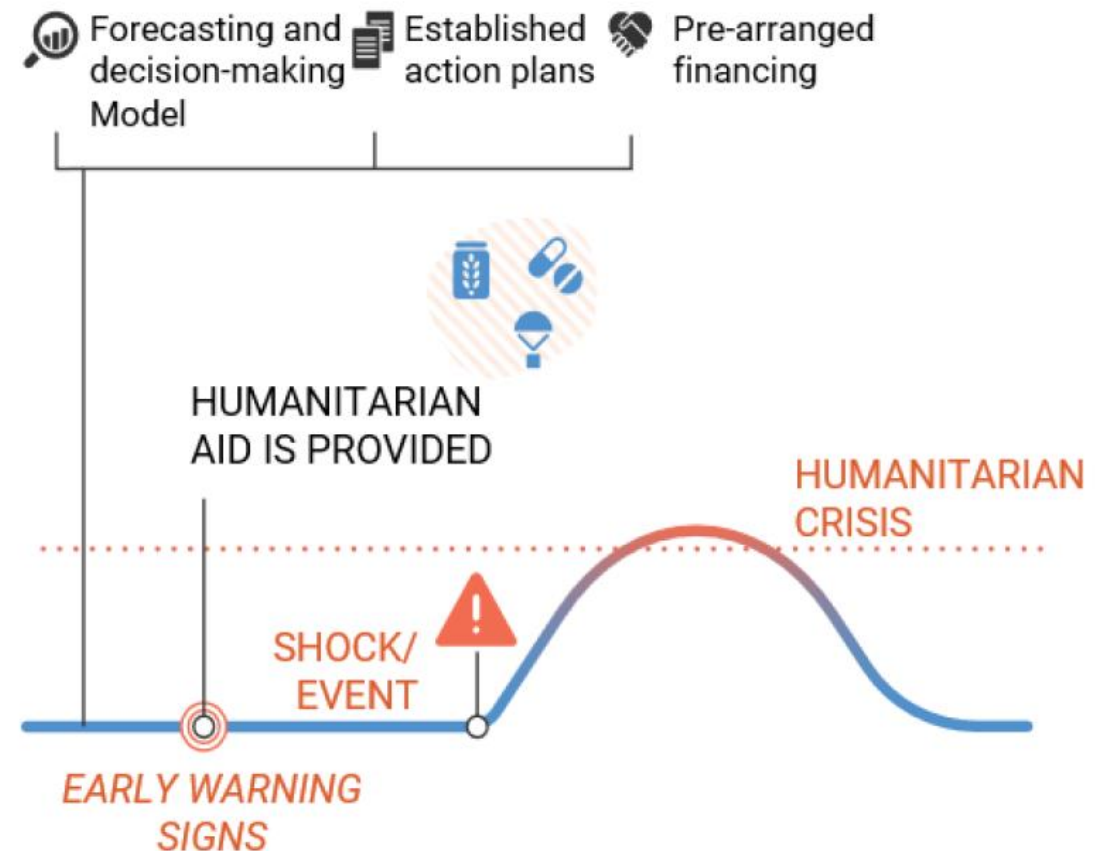
Tuesday 25th June 14:00 – 15:30 CEST

Organised by: Anticipation Hub and Humanitarian OpenStreetMap Team

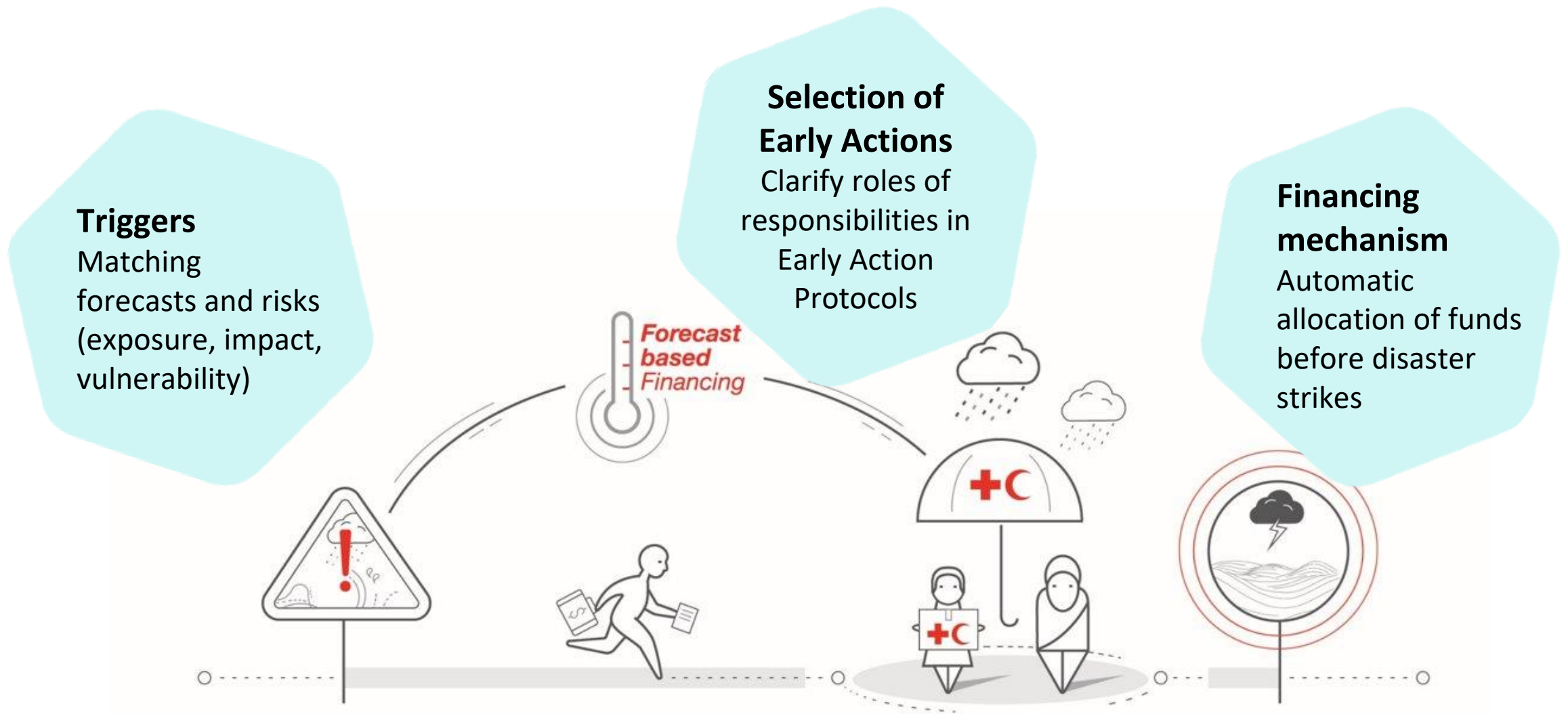


Why Anticipatory Action?

- A set of actions taken to prevent or mitigate potential disaster impacts before a shock or before acute impacts are felt
- Faster, cheaper and more dignified than traditional humanitarian response
- Reduces losses and suffering before they occur
- Protects development gains



Components of anticipatory action



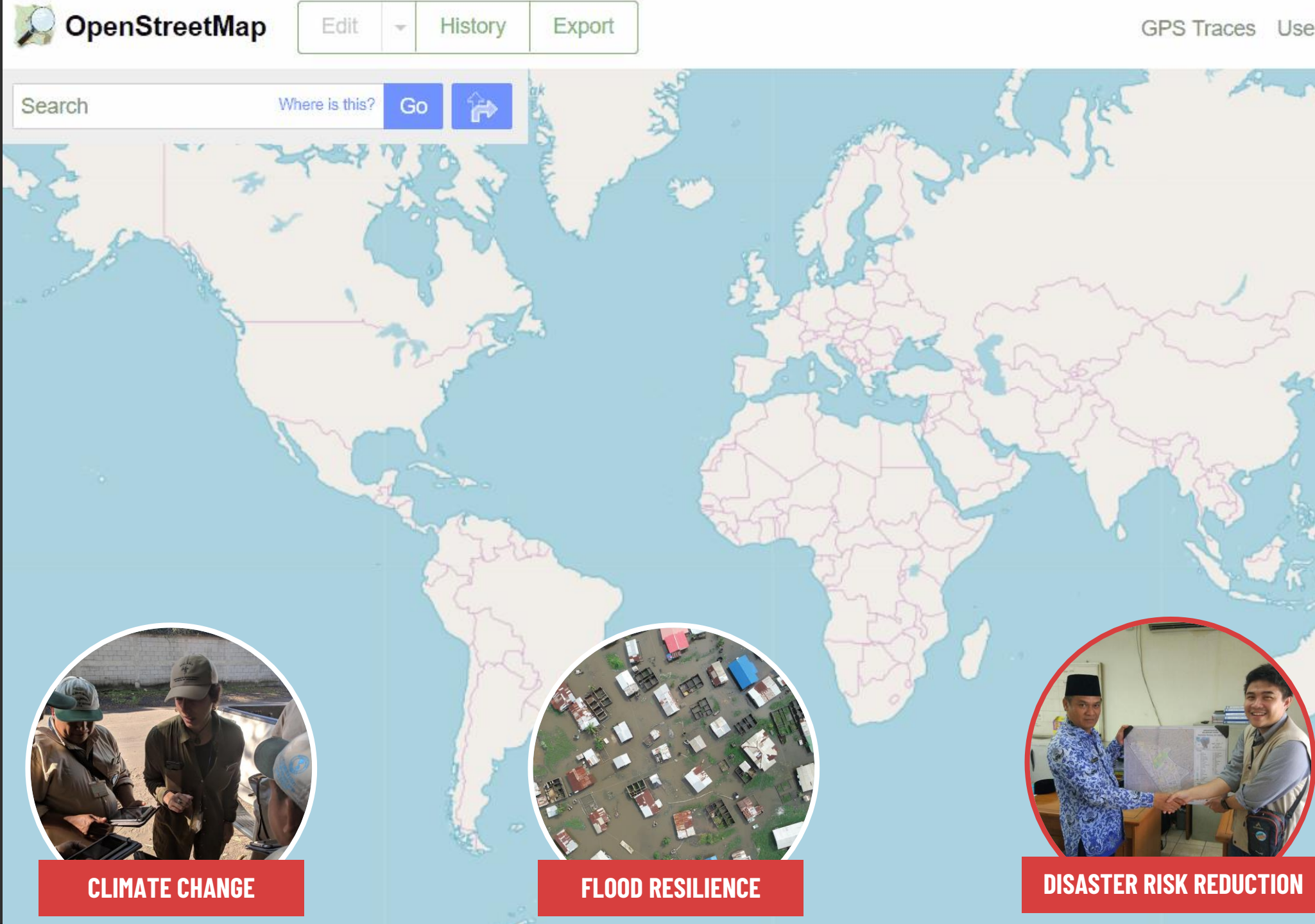
OpenStreetMap

is a collaborative project to create a free editable map & source of geospatial data.



Humanitarian OpenStreetMap Team

working with partners
to ensure map data is
accessible and used
in decisions that save
and improve lives,



CLIMATE CHANGE



FLOOD RESILIENCE



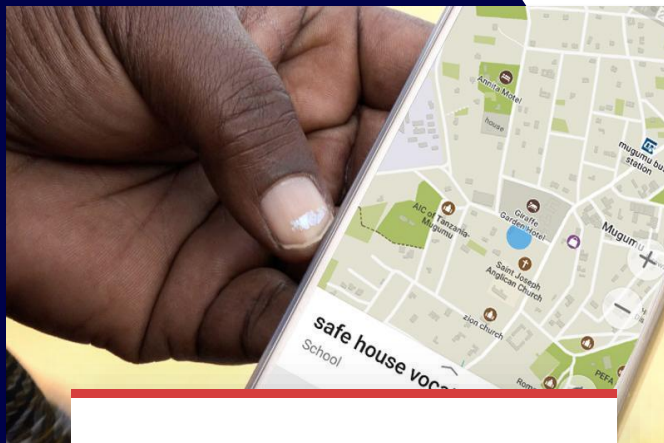
DISASTER RISK REDUCTION

Local people & local tools: add knowledge



Community Participation

with locally appropriate methods



Tools

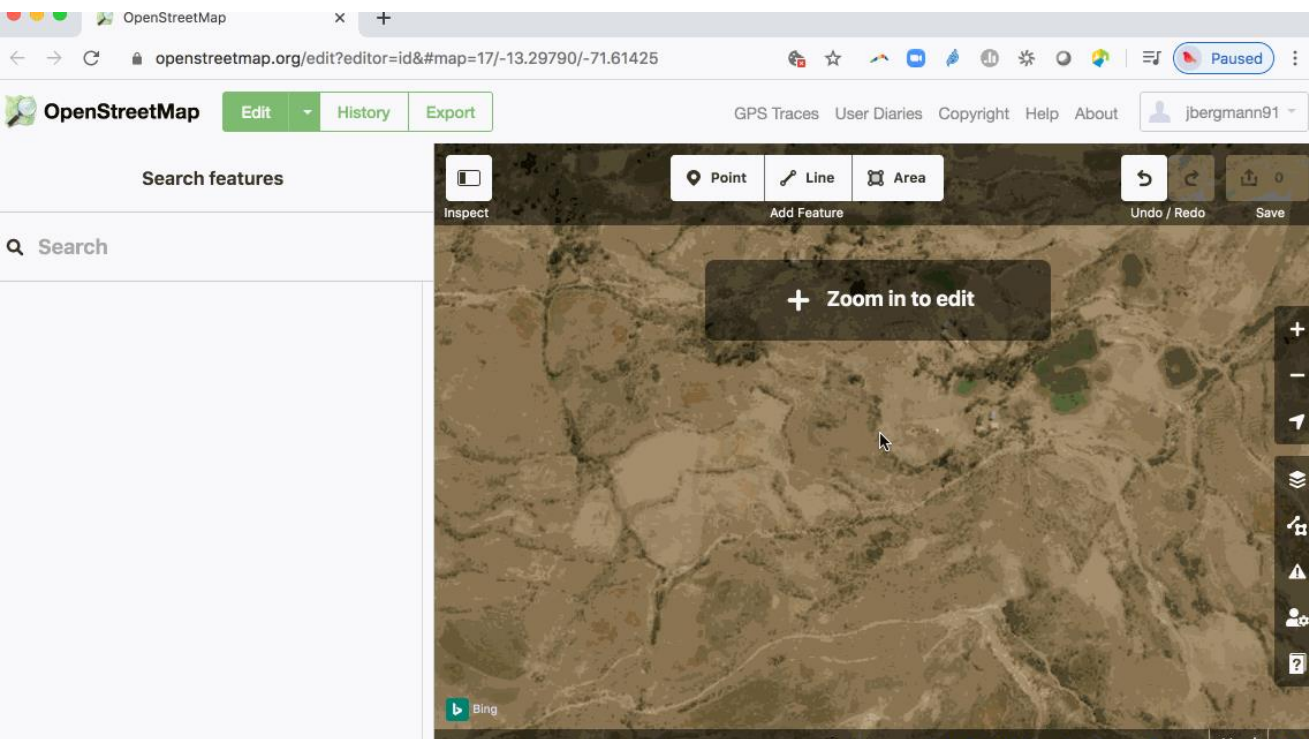
locally made or already owned, low tech apps



Training

leave behind capacity for mapping to continue

Remote mapping: from anywhere using a browser, drawing buildings and roads

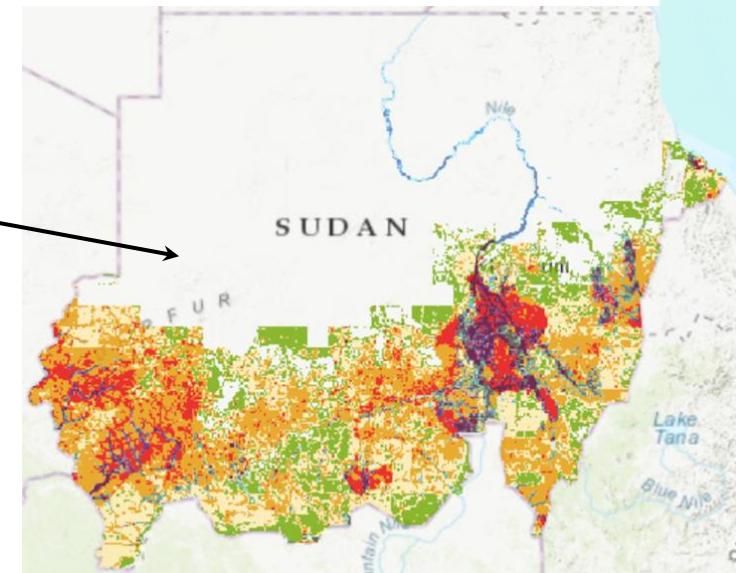
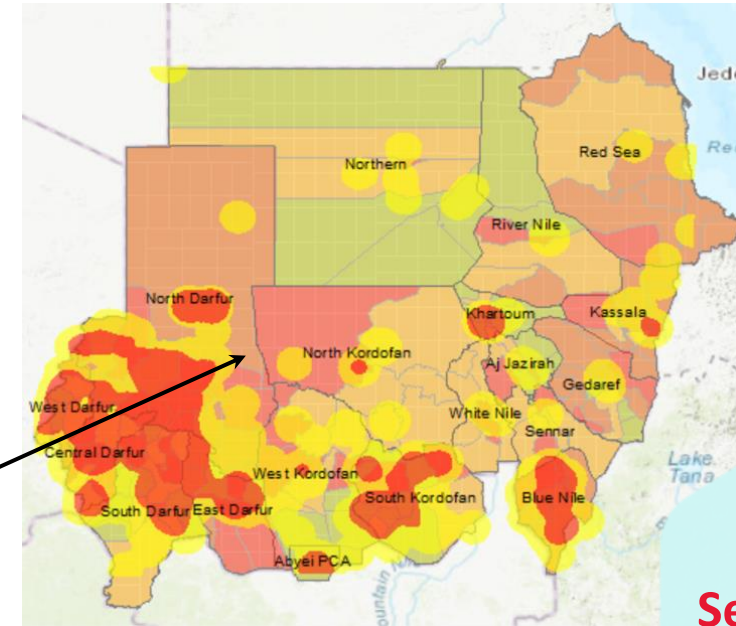
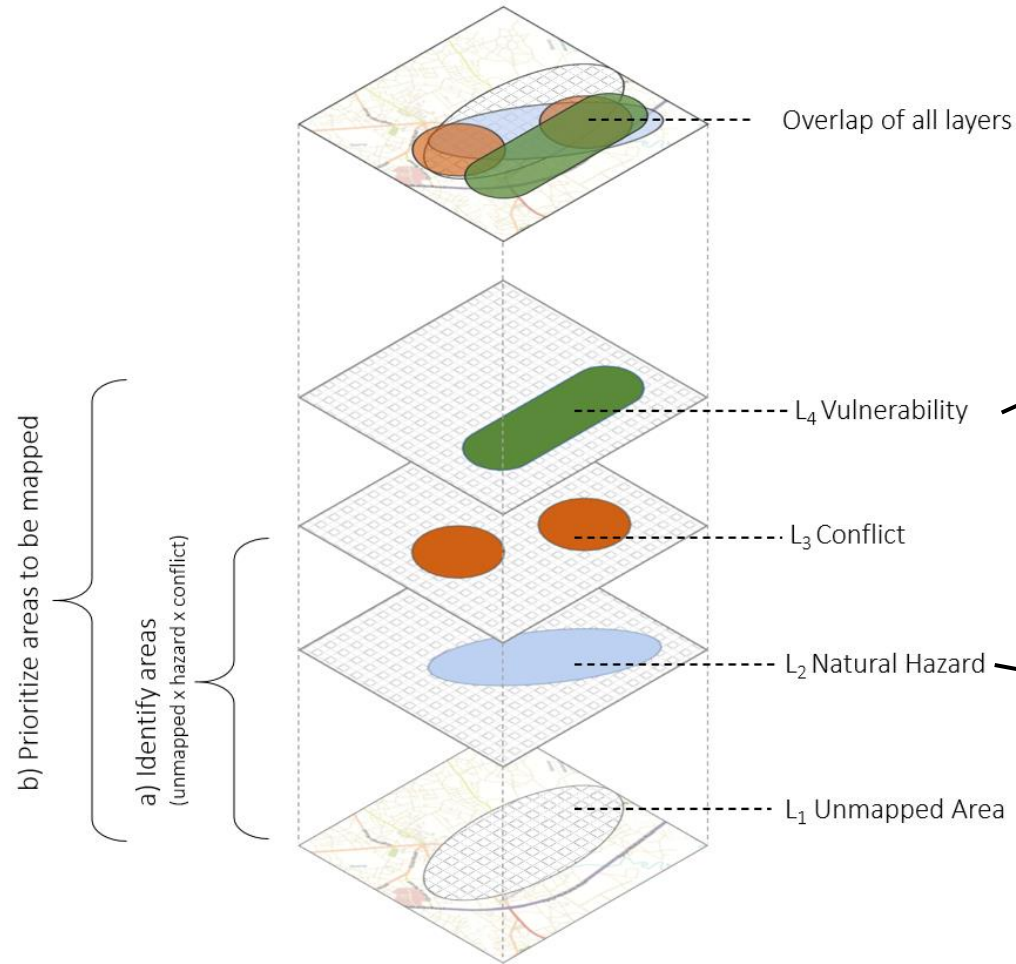


Local mapping: range of Android apps to add varying levels of local detail



==> Citizen-generated ground truthed data in one platform

Identifying unmapped and high-risk areas in Sudan

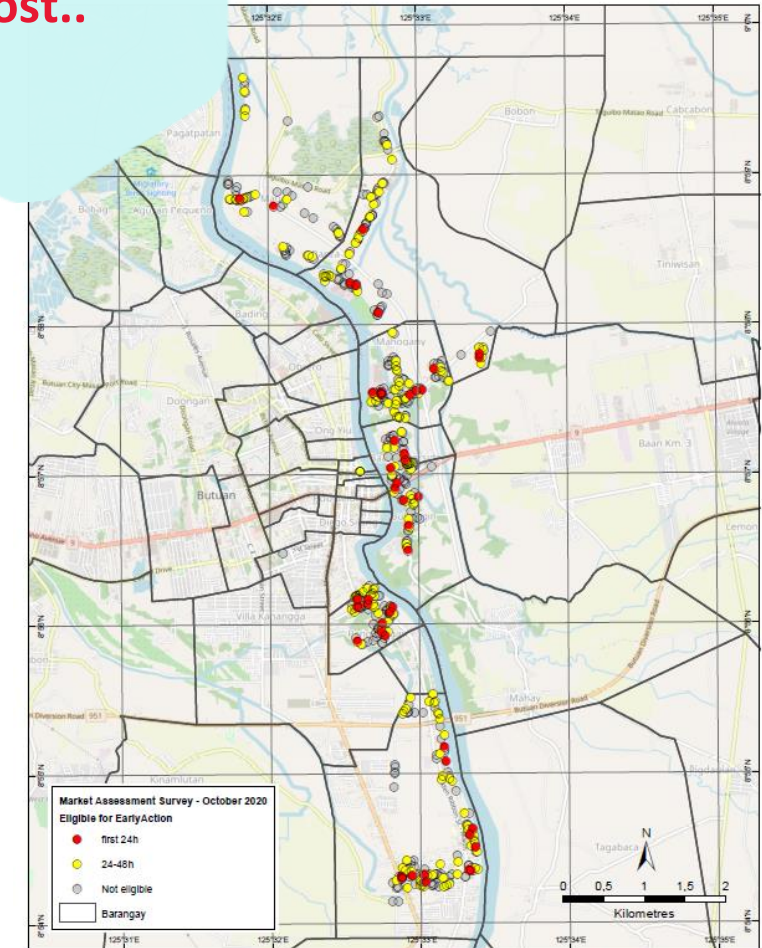
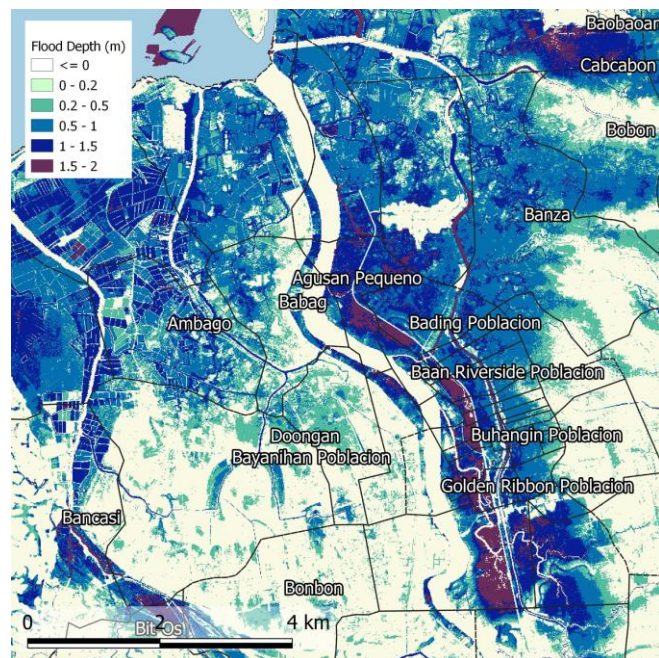


See link to blog
post..

Mapping and mobile data collection to support Early Actions in the Philippines for flooding



See link to blog post..



Created by GRC (10/12/2020)
Projection: UTM 51N; Datum: WGS84
Data Sources: Market Assessment; PRCS
Base map: © OpenStreetMap (and) contributors, CC-BY-SA

Butuan City
Market Assessment
Overview





**Continue
community
strengthening and
knowledge
exchange through
the Anticipation
Hub**



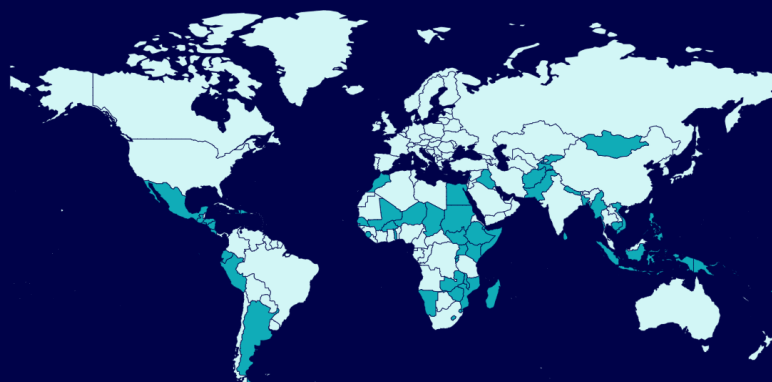
Learn

- Methodologies
- Lessons learnt
- Training resources
- Science + Research
- Emerging topics



Experience

- Global mapping
- Early Action & Trigger database
- Financing
- Regional updates

[VIEW ALL COUNTRIES](#)

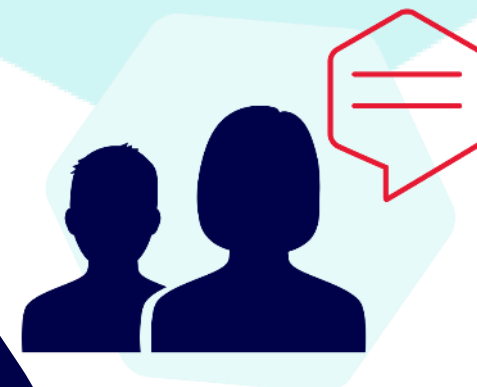
Exchange

- Listing of networks
- Working groups – global, regional and national
- Dialogue Platforms
- Newsletter



Advocate

- Key messages
- Success stories
- Policy initiatives
- Policy events





Anticipation Hub

- Sign up to our newsletter
- Engage in our working groups
- Search our website for resources
- Engage in our events – see event page!
- Share resources or blogs
- Get in touch

**Get involved
in knowledge
exchange**

Newsletter

Blogs on anticipatory action across science and practice



Capturing opportunities for OSM data to better support anticipatory action

By 510 Netherlands Red Cross, HeiGIT, HOT and German Red



Bridging the gap: establishing the basis of subseasonal flood forecasting in East Africa

By Dave MacLeod (University of Bristol)

[Read more ...](#)



Linking early warning with early action: Closing the gaps for stronger resilience

By Alison Sneddon (Practical Action) and Maria Lourdes Kathleen Macasil (CREWS)

[Read more ...](#)



Anticipatory action taken from the queue –

and Anna



Anticipating rising food insecurity: Hunger Hotspots report

By Dunja Dujanovic (FAO)

[Read more ...](#)



Collaboration in action! Formalizing cooperation between government agencies and humanitarian actors ...

By Bangladesh Red Crescent Society

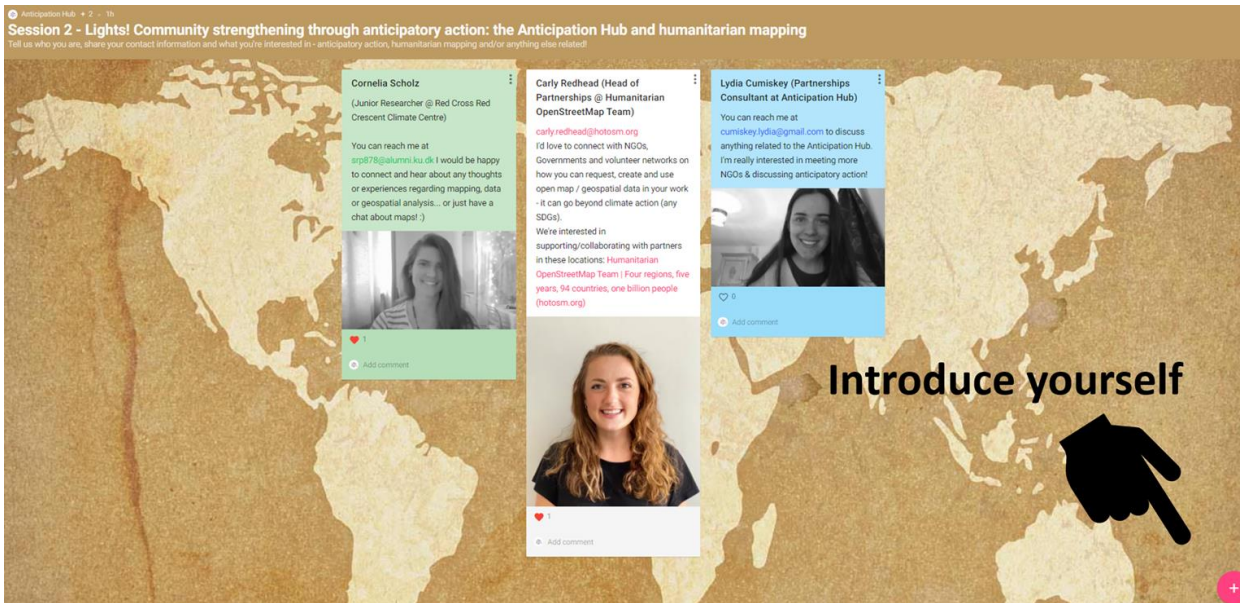
[Read more ...](#)

Get in touch!

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Discussion questions

How is this relevant to your work?

What opportunities do you see?

Add to the Padlet: tell us who you are, what you're interested in & contact info

<https://padlet.com/AnticipationHub/ICVA2021>