

The background of the slide is a dark green map with red and blue lines representing roads and rivers. A large magnifying glass is positioned over the map, focusing on a specific area. Inside the magnifying glass, the binary code '011010' is visible.

Helping humanitarian organisations with mapping priorities

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What am I doing ?

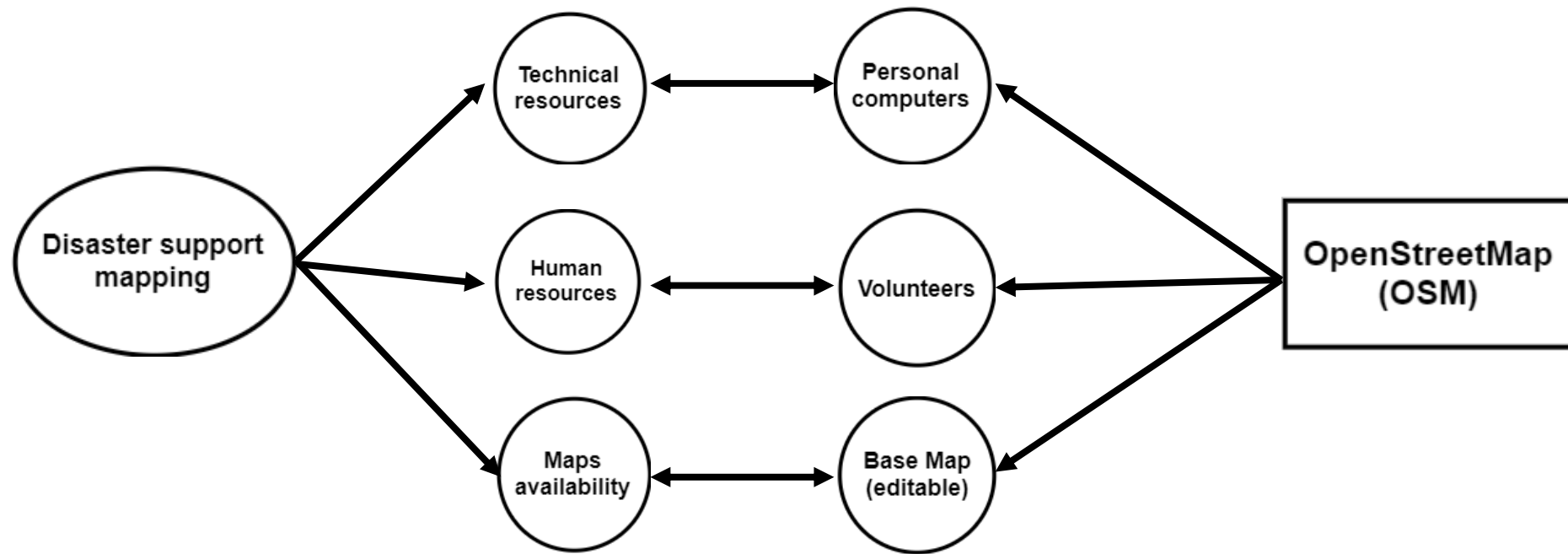
1. Mapping that is:

- A. Efficient
- B. Reducing the disaster risk
- C. Information rich
- D. Reliable

2. Test the success by MAPATHON(s)

- A. Compare the two groups of mappers
- B. Quantify the changes it has made by risk calculation and service area routing

Why OSM is important ?



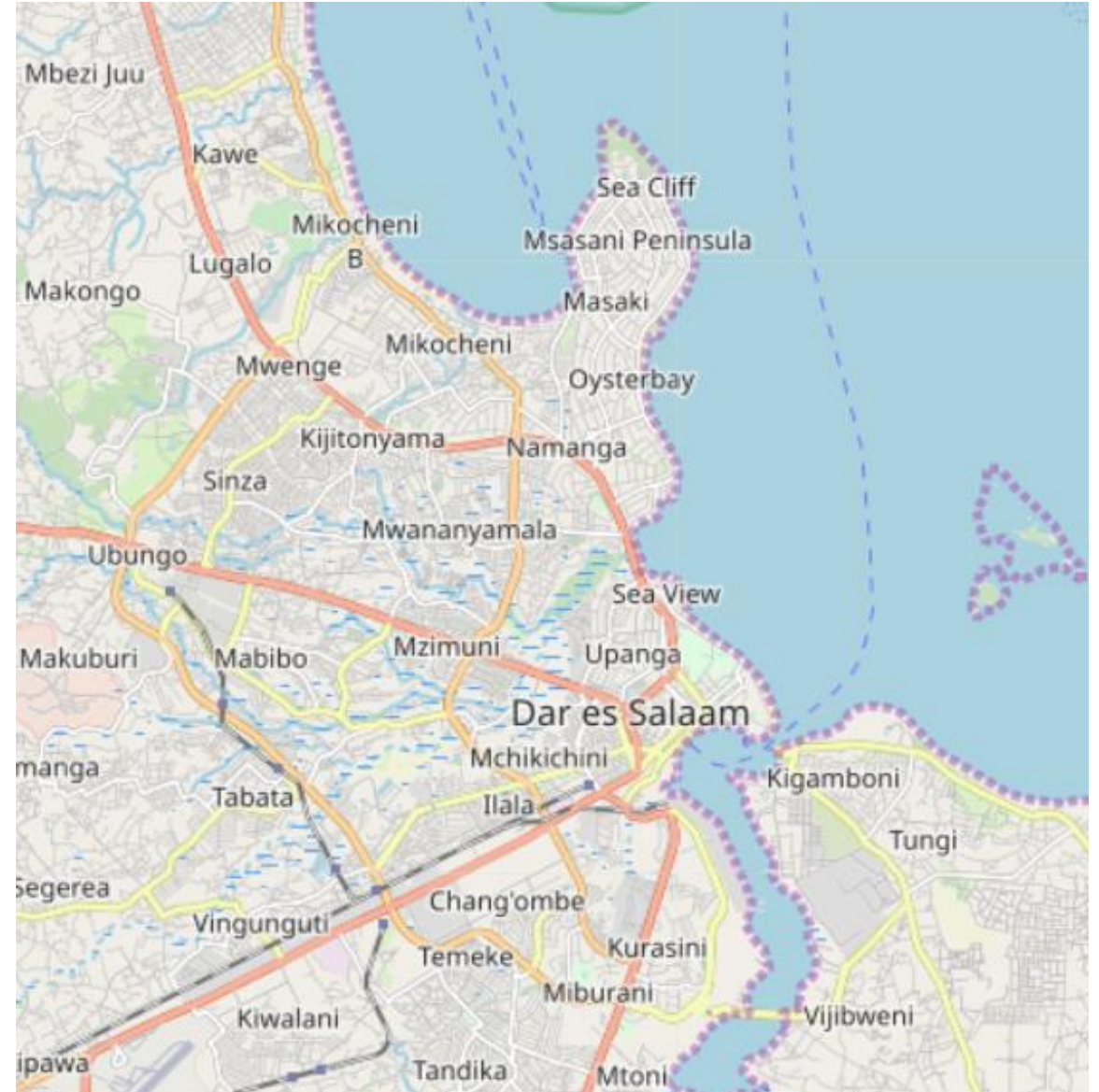


Dar es Salaam, Tanzania

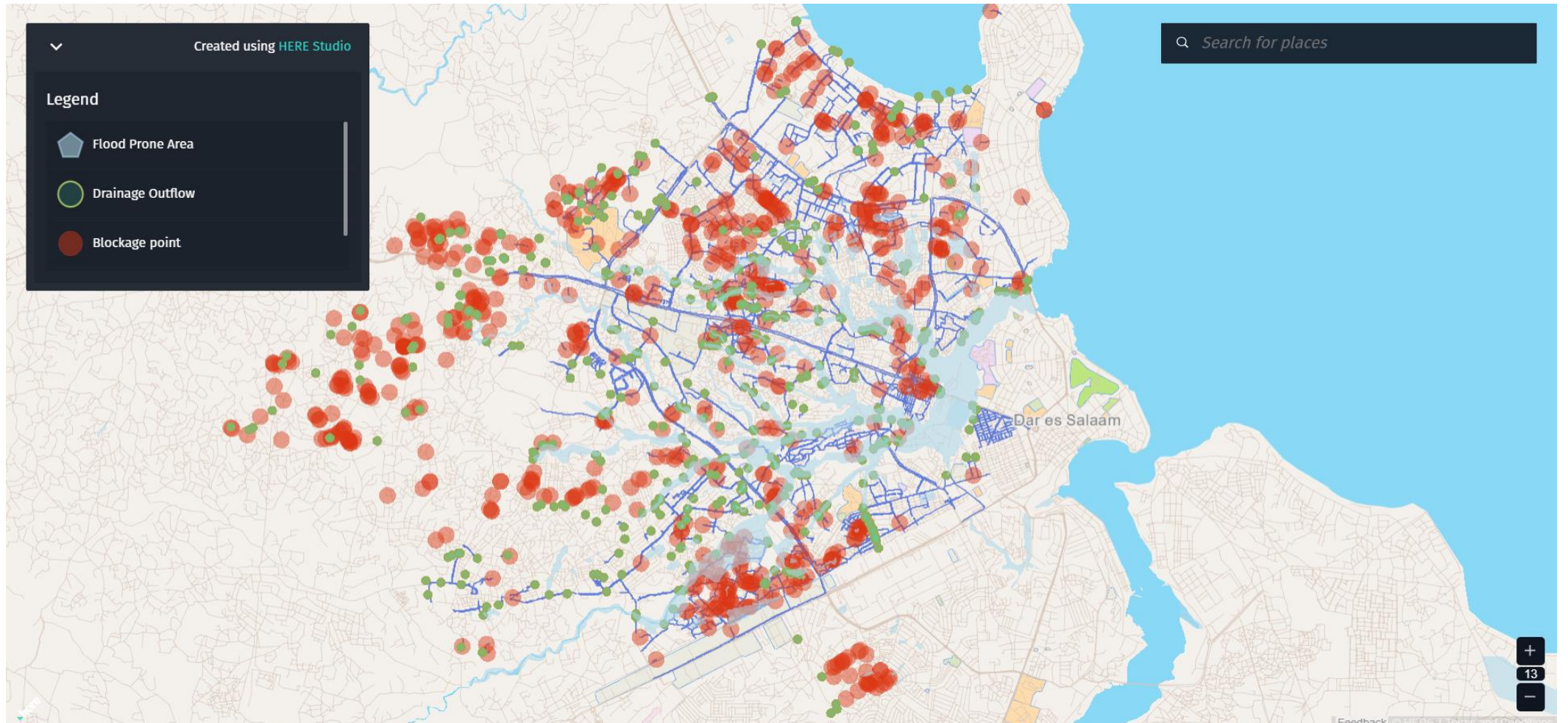


Background

- Prone to floods
- In May 2019, uninterrupted rainfall caused serious flooding in Dar es Salaam, displacing over 1,200 households, destroying roads and bridges, and sweeping away 1560 dwellings (World Bank, 2019)



Blockage map after floods in Dar es Salaam



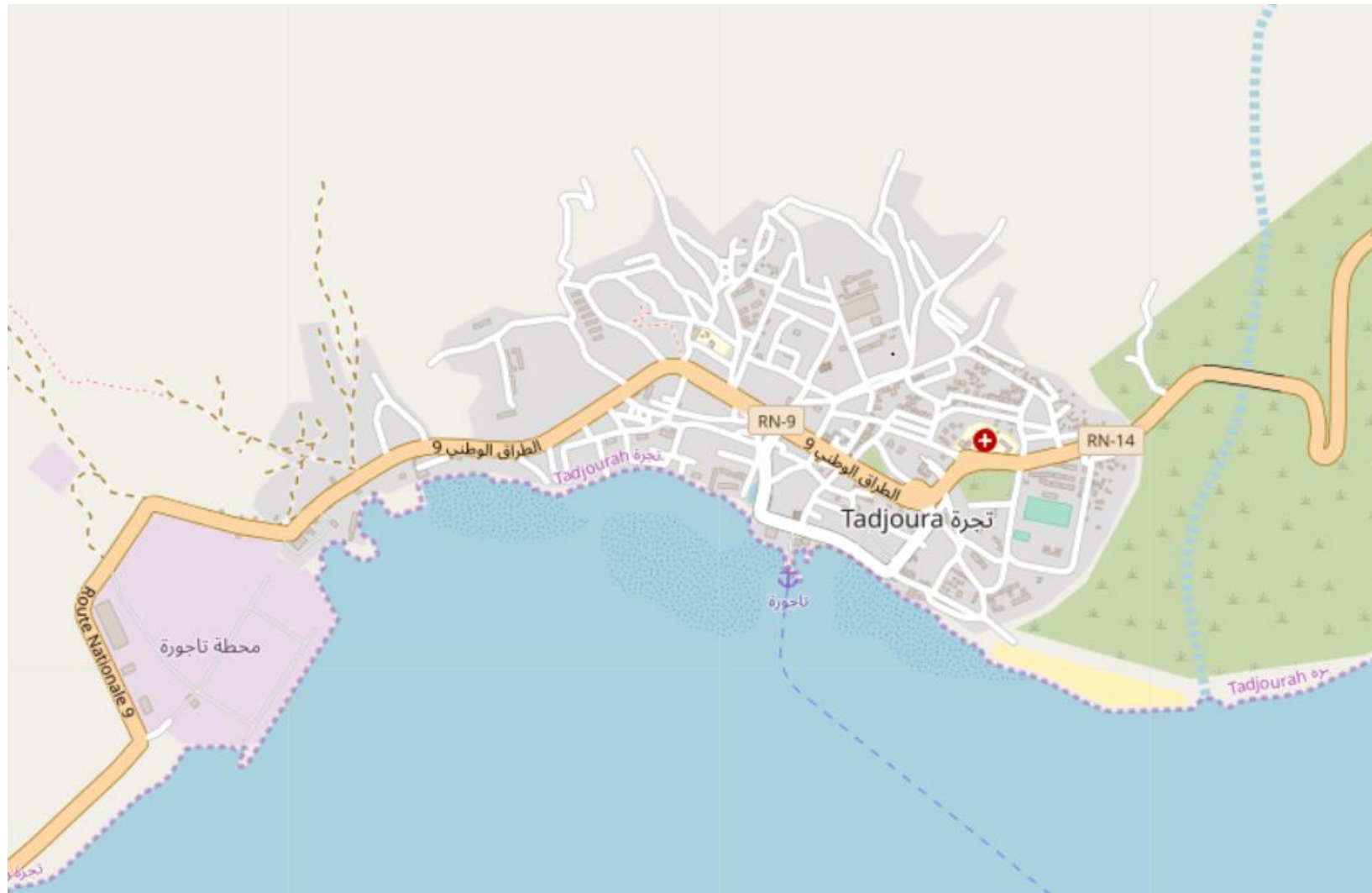
What can we do ?

- Map the highway tags in hierarchical order
- Better reliable routing to and from hospitals and shelters



Tadjoura Djibouti

Background





Ministère de l'Intérieur
République de Djibouti

Djibouti Flash Update #1

Humanitarian impact of flooding | 24 November 2019



UNITED
NATIONS
DJIBOUTI

1. Situation Overview

Since 21 November, Djibouti has experienced heavy rains which triggered flash floods across the country.

In Djibouti city alone, initial estimates indicate that over 30,000-40,000 families (150,000-250,000 people) have been somewhat affected by the floods, and 9 people (7 children) have reportedly been killed. Reports indicate that between 21 and 24 November, almost 300mm of rain were recorded in Djibouti city alone, or over three times the annual average. Dwellings, shops, schools and infrastructure have been damaged. In some neighborhoods, access to electricity was also interrupted.

In other areas of the country, damages to roads and flash floods have affected access to several communities, and information available to date indicate that at least 300 families are now in



Table 1 – Rainfall 21-24 November (source: meteorological institute of Djibouti)

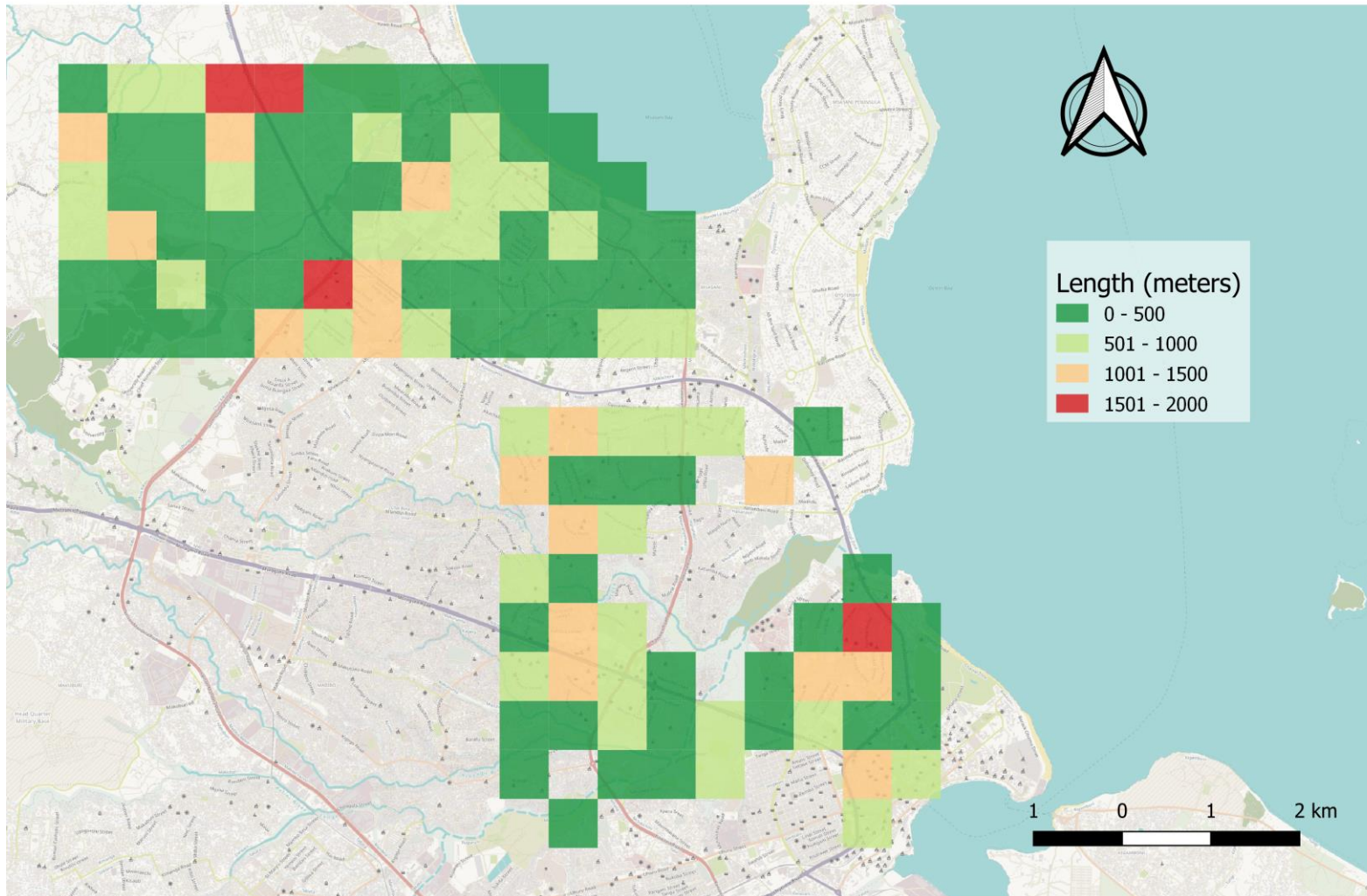
Locality	21/11	22/11	23/11
Djibouti	49mm	91mm	155mm
Arta	10mm	60mm	20mm
Damerjog	91mm	45mm	54mm
Goubeto	8mm	27mm	38mm
Tadjourah			100mm
Day			100mm

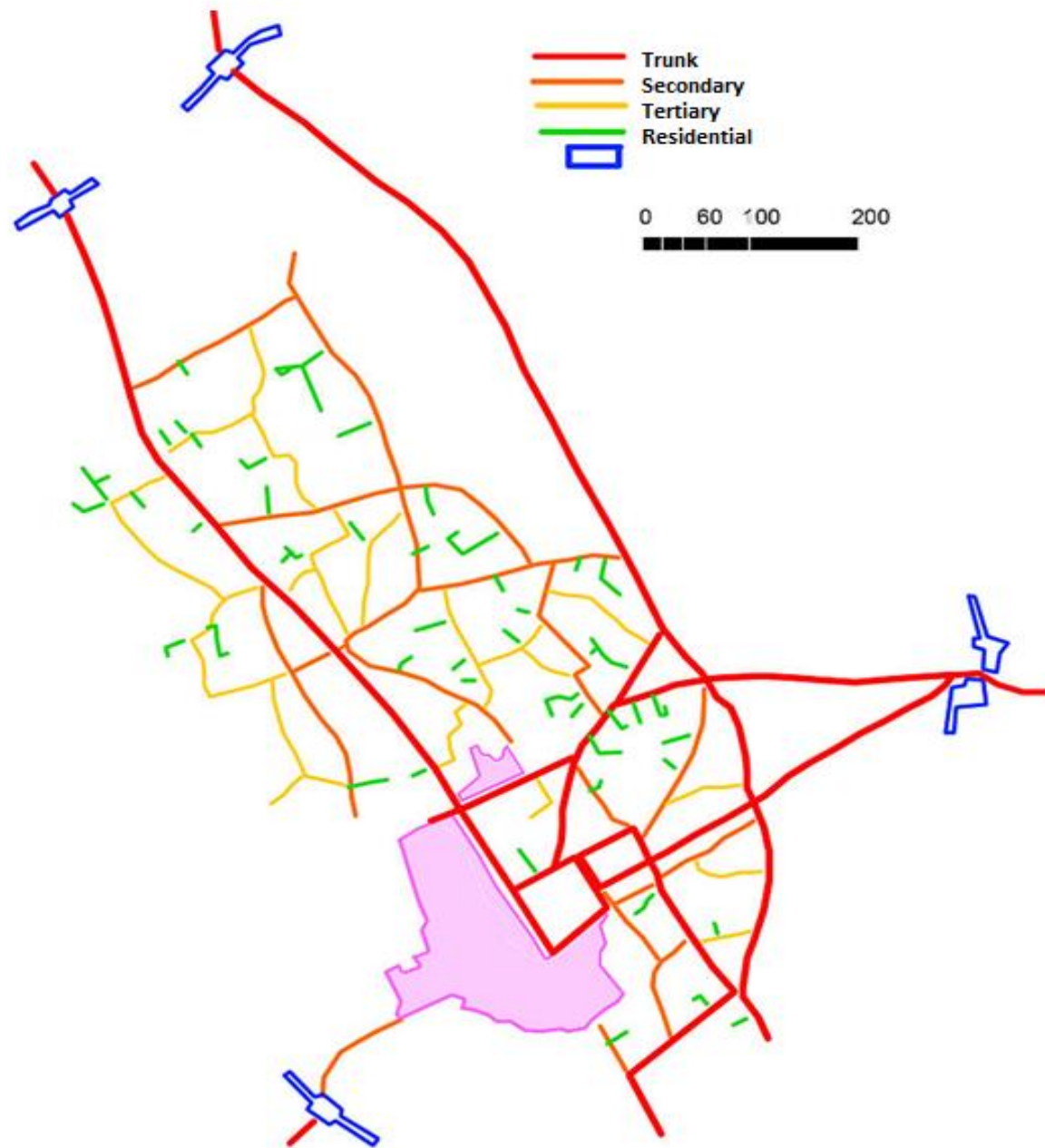
What can we do ?

- Risk calculation requires numbers
- Numbers can be estimated by inhabitants there
- Inhabitants can be estimated by built-up area
- Built-up can be estimated by number of buildings
- So map the buildings

Area of Interest (AOI_01)

AOI 1: Mapping roads in Dar es Salaam, Tanzania






Instructions

1. Make an account on OpenStreetMap (OSM)
2. Go to <https://tasks.hotosm.org/contribute>
3. Search for the task number or just open link that is provided to you by email.
4. Click on the grid and press 'START MAPPING'.
5. Choose iDeditor

7. Spot the unclassified road which is easier for one group than other group.

OpenStreetMap [Edit](#) [History](#) [Export](#) GPS Traces User Diaries Copyright Help About Muhammad056

Edit feature ×

 **Minor/Unclassified Road** i

[Zoom to this](#)

▼ **All fields**








Name	⌵ i
Serengeti	+
One Way	⌵ i
<input type="checkbox"/> No	
Speed Limit	i
40, 50, 60...	km/h
Lanes	i
1, 2, 3...	
Surface	⌵ i
asphalt	
Structure	i
<input type="radio"/> Bridge	








[View on openstreetmap.org](#)

Map Interface:

- Top Bar:** Point, Line, Area, Add Feature, Inspect, Undo / Redo, Save.
- Map:** Aerial view of a town area. A pink rectangular box highlights a specific road segment. A purple text overlay inside the box reads: "Task for project 8025: Do not edit outside of this area!".
- Map Labels:** Sembeti Street, Waribwa, Ngorongoro Road, Serengeti, Taasisi, Daima, Kifaru, Mbalamwezi Hotel, Palm Village, Sanitas Hospital, AAR (insurance), KK Security HQ, TPDC, Alpha hostel, Hospital, Sirajudin, Mwalimu.
- Bottom Bar:** Edits by sarda, christopher christopher, Nyakarnde Ndaro, and 111 others. 1244 hidden features. 2,17.2.

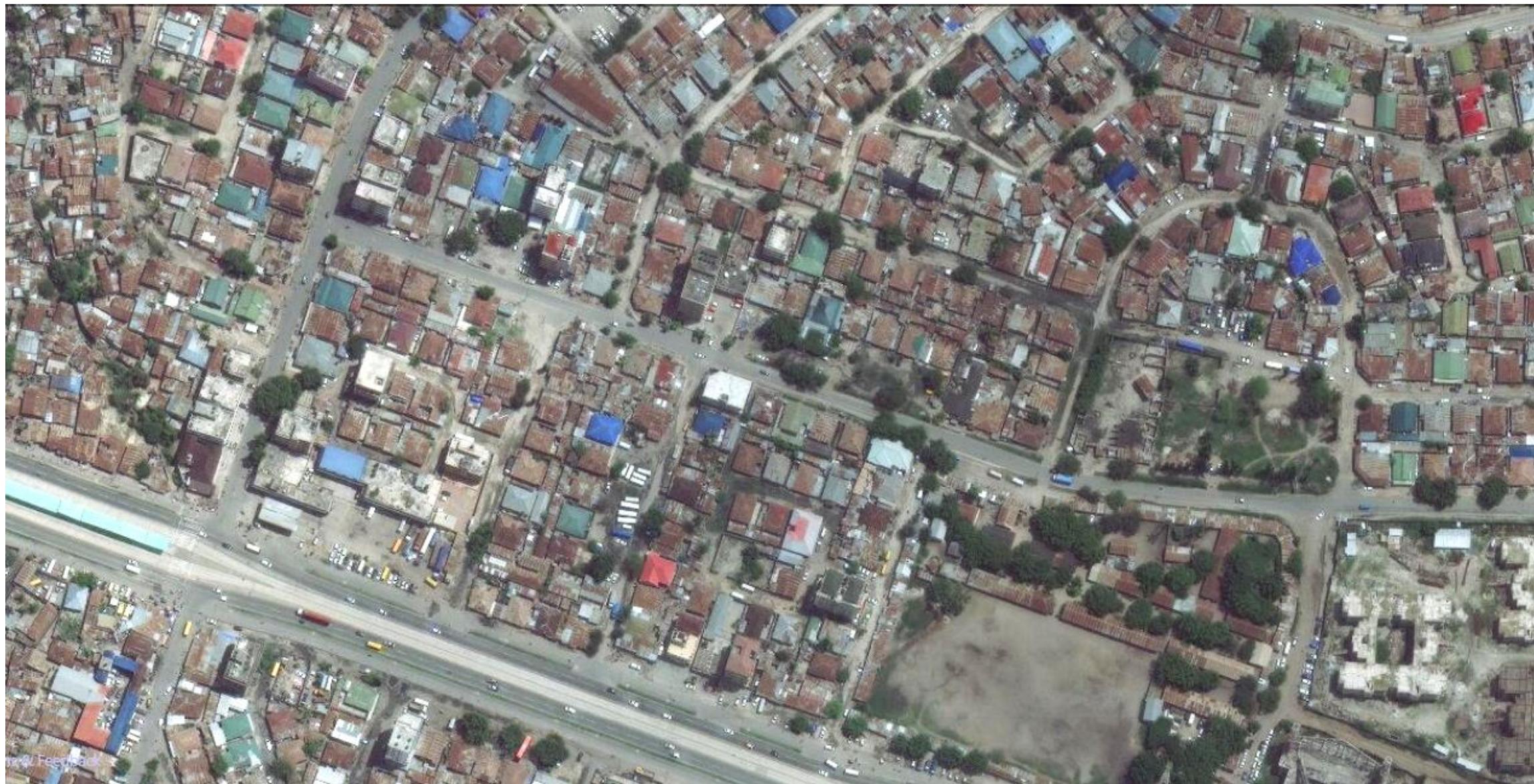
Q Search

	Residential Road	i
	Unmaintained Track Road	i
	Parking Aisle	i
	> Major Roads...	
	> Minor Roads...	
	> Rails...	
	> Paths...	

	▼ Major Roads...	
	Motorway	i
	Trunk Road	i
	Primary Road	i
	Secondary Road	i
	Tertiary Road	i
		.









- Trunk
- Secondary
- Tertiary
- Residential


Area of Interest 2

AOI 2: Mapping Buildings in Tadjoura, Djibouti



Instruction

- Task link and task number provided to you by email for buildings.
- Map the footprints of the building using Area box



Helping humanitarian organisations with mapping priorities

Presenter: Mu...
Thursday, 2nd...

Start mapping !!

NOTE: remember to mark the task as completed as soon as you complete task in the grid.