













Mapping urban risk in African cities:
Bringing to light invisible voices and spaces in
Freetown (Sierra Leone) and Karonga (Malawi)

Rita Lambert, Adriana Allen, Emmanuel Osuteye, Mtafu <mark>Manda, Braima Koroma ACC Conference- Cape Town 1-3 February 2018</mark>

Untaming methodologies: reframing urban risk through

60 Informal settlements in Freetown- Pop.1.1mil 44 Villages

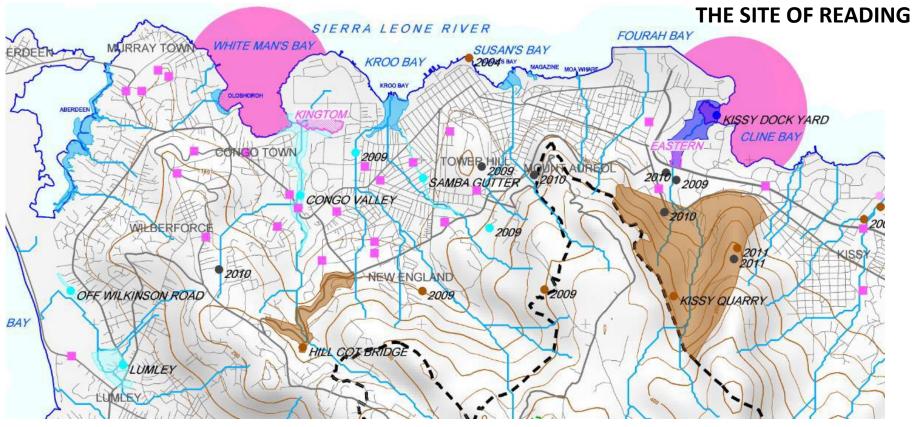
44 Villages in Karonga – Pop. 63 000











# Map showing the diversity of hazards in Freetown



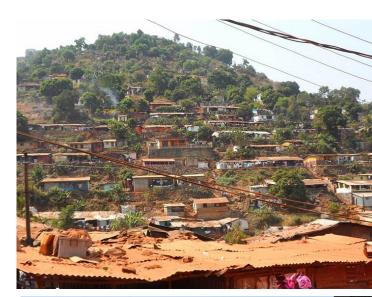
Source: Ministry of Lands, Country Planning and the Environment (MLCPE) and Freetown City Council (FCC) (2014) Environmental Assessment and Evaluation of Natural Disaster Risk and Mitigation in Freetown. Coordinated by Ronnie A. D. Frazer-Williams. Final Report. EuropeAid/SL/Cris. No: FED/2010/250–190. Page 18

## THE SITE OF READING





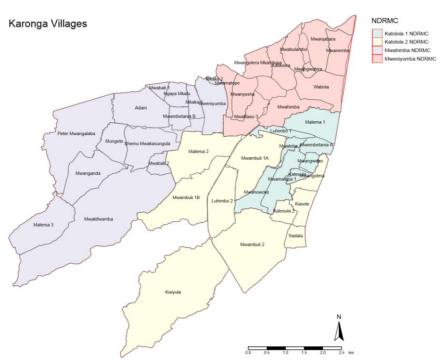
Locating Informal settlements and working with the governance structure of the Federation of the Urban Poor in Freetown





Project focused in 15 informal settlements with different geographic condition- from coastal to steep slopes

### THE SITE OF READING





- Karonga constitutes 44 villages
- 44 villages are grouped into 4 Neighbourhood Disaster Risk Management Committees (NDRMC) header by existing village headman
- Each of the 44 villages also headed by a chief
- NDRMC formed in 2015, recognised by government on paper but not operational
- •No mapped boundaries between villages- currently divisions marked by plant beacon

### THE SITE OF WRITING

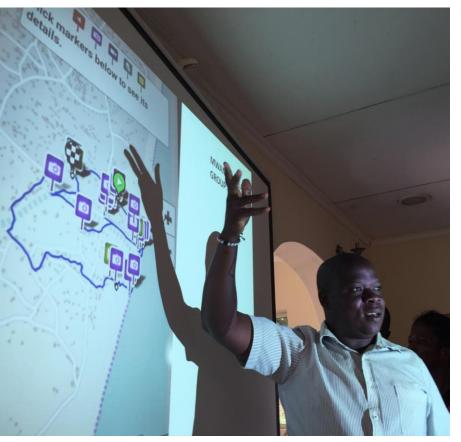




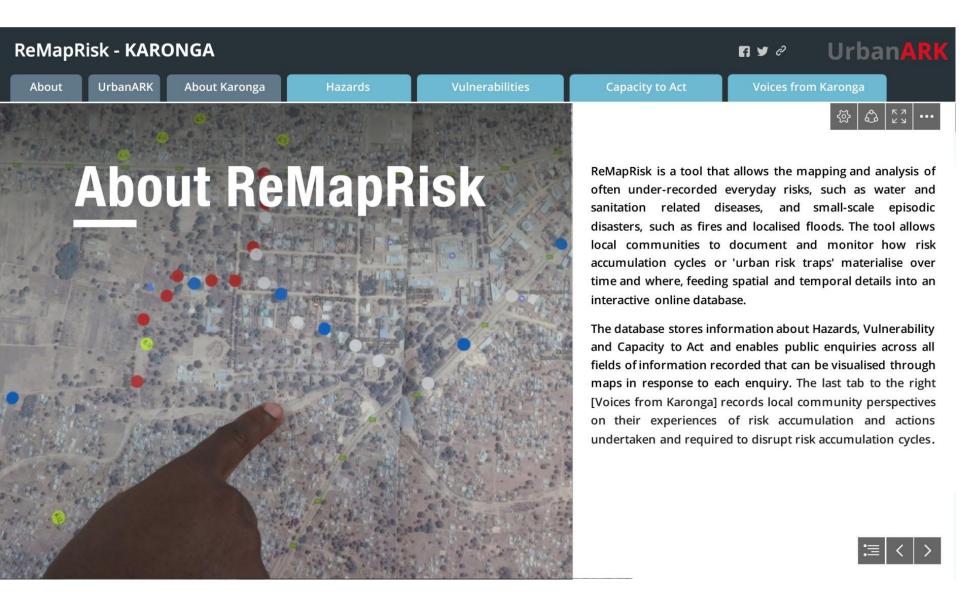
- 3 different surveys at settlement/viilage level designed with community inputs:
- 1) Initiatives, 2) Hazards and Vulnerabilities, 3) Capacities to act
- •Hazards- following Desinventar Database- recording deaths, injured and other losses
- •Capacity to act-measured through an assessment of the contribution of different groups to:
  - Recovery, mitigation, prevention/reduction of risk
  - -Funding, knowledge, labour
  - -Knowledge, skills, experience,
- Organisational capacity
  - Political links

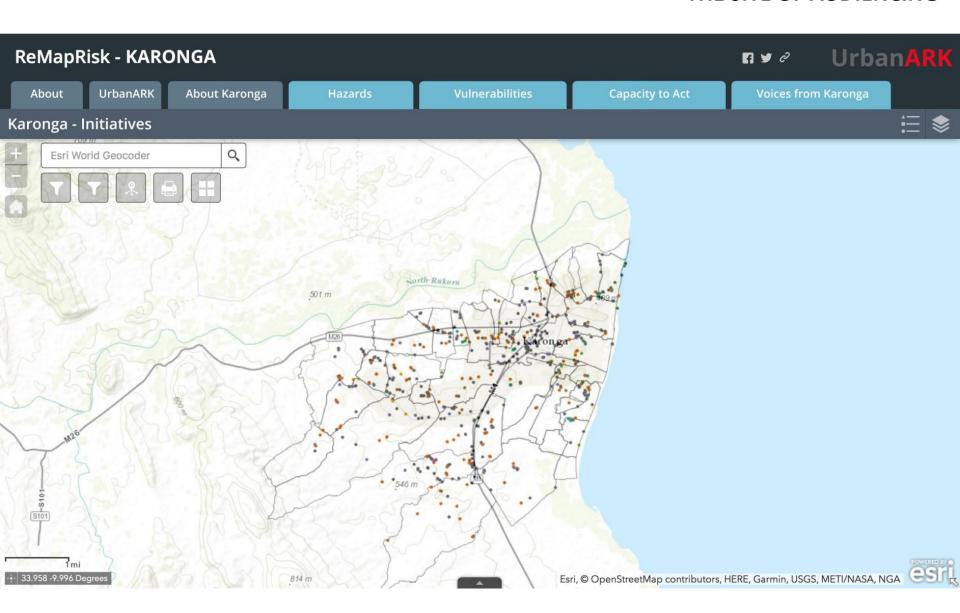


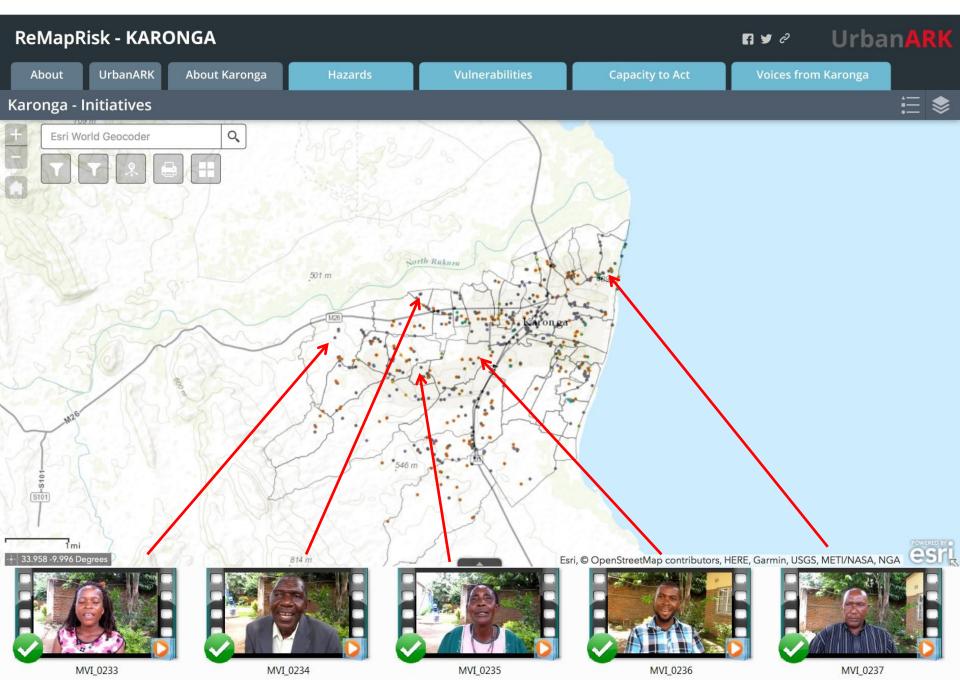












- The three sites of mapping, reading writing and audiencing, show different
  opportunities for how one can interrogate the city and provide a spatially and
  socially grounded way of producing knowledge for action.
- These three sites are not only interrelated but also iterative

## Challenges

- The scaling up and sustaining multiple engagements over time
- Ownership of the data
- Misreading of data- Focus on the resilience of inhabitant not just the concentration of risks
- Unintended consequences