

# Ramani Huria — Community Flood-Risk Mapping in Dar es Salaam

City Innovation Library · Good practice · Tanzania

Quality score: 76/100

Evidence strength: Observational / pre–post

## Summary

World Bank–funded community mappers and university students used smartphone survey tools to map flood-prone drains and buildings across Dar es Salaam, covering 20+ neighbourhoods and an estimated 1.3 million residents on the open OpenStreetMap platform.

## Key dimensions

| Dimension                                  | Score |
|--------------------------------------------|-------|
| Evidence of impact / measured results      | 2/3   |
| Transferability / demonstrated replication | 2/3   |
| Scalability                                | 2/3   |
| Sustainability / continuity                | 2/3   |
| Innovation                                 | 2/3   |
| Inclusiveness / equity                     | 3/3   |
| Multi-stakeholder collaboration            | 3/3   |

Evaluated by C-NAPSE

## Data sources

[C-NAPSE web research](#) — accessed 2026-08-19

[University of Dar es Salaam, Humanitarian OpenStreetMap Team \(HOT\), World Bank/GFDRR](#) — accessed 2026-08-19

[Wikipedia — Ramani Huria](#) — accessed 2026-08-19

[GFDRR — Taking Disaster Risk Management to New Heights](#) — accessed 2026-08-19

[Humanitarian OpenStreetMap Team — Community Mapping Urban Risk Exposure in Dar es Salaam](#) — accessed 2026-08-19

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