

IDMP/APFM Virtual Exchange Flood and Drought

Pitch Antea Group

Impact-Based Risk Assessments

Understanding today.
Improving tomorrow.

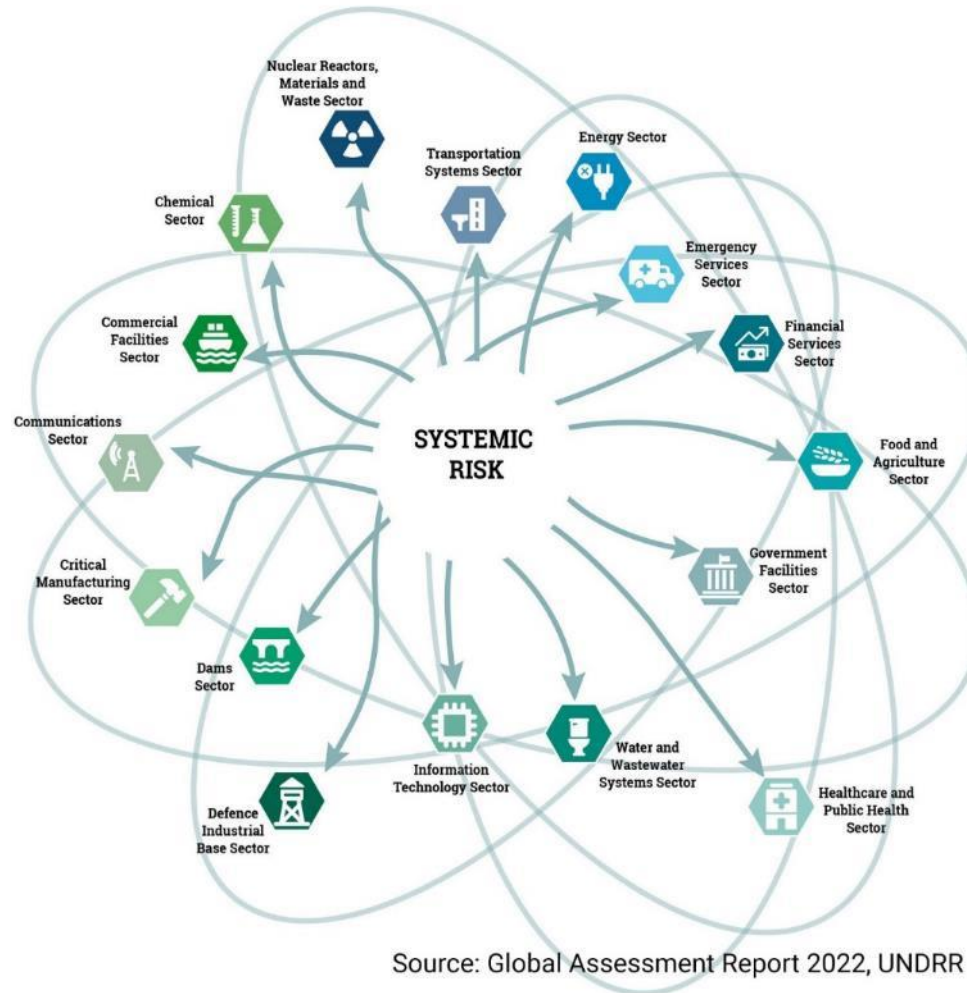
25th of April 2023
Ivo Van de Moortel & Tom D'Haeyer



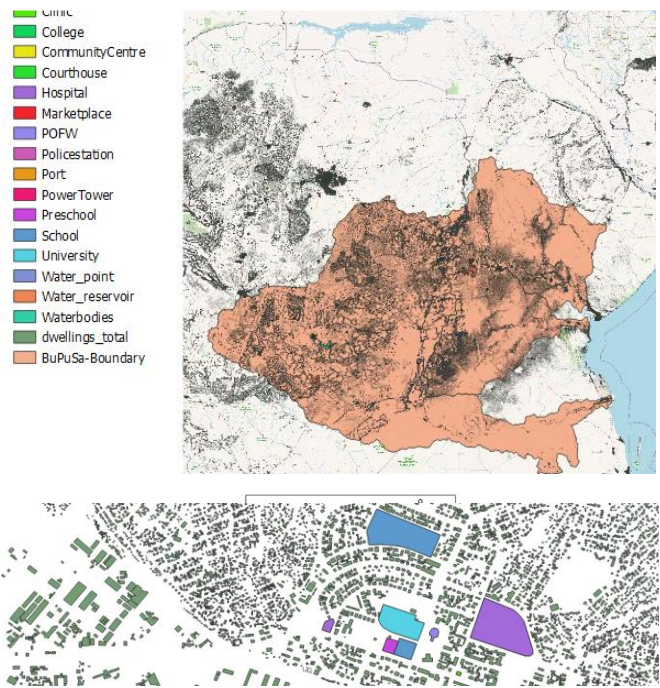


Step 1: Risk Information

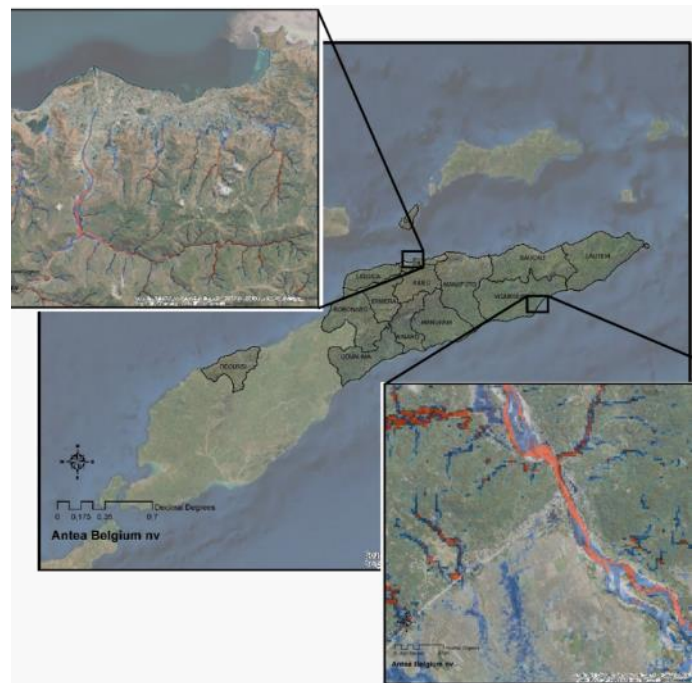
Enhance Risk-Informed Decision Making



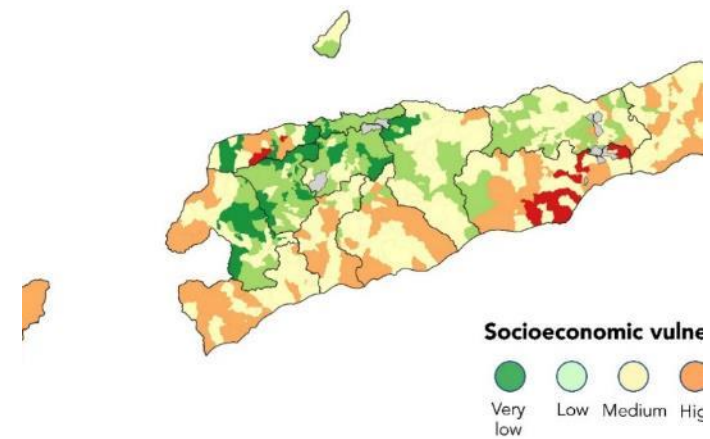
- Decentralised ownership
 - Knowledge & resource transfer
- Open-source:
 - Python, openLISEM
 - MapStore & GeoServer
 - *(Note: there are still costs i.r.t. server/cloud)*
- Building towards Systemic Risk
 - Continuous improvement
- As detailed as possible (~data & resources):
 - # Hazards: mainstream CCA & DRM
 - Resolution
 - Impact: diverse & quantifiable



Elements (Infrastructure)



Hazard Maps (Flash Flood)

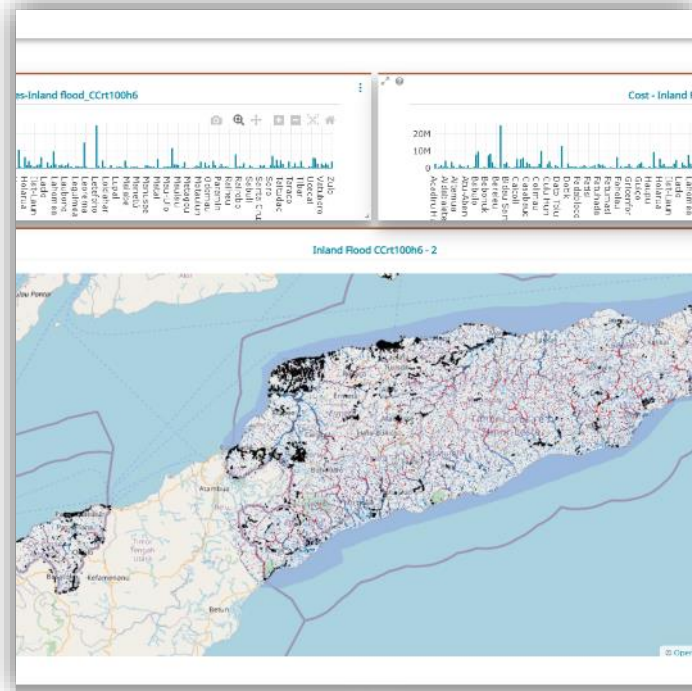


Vulnerability (Population)

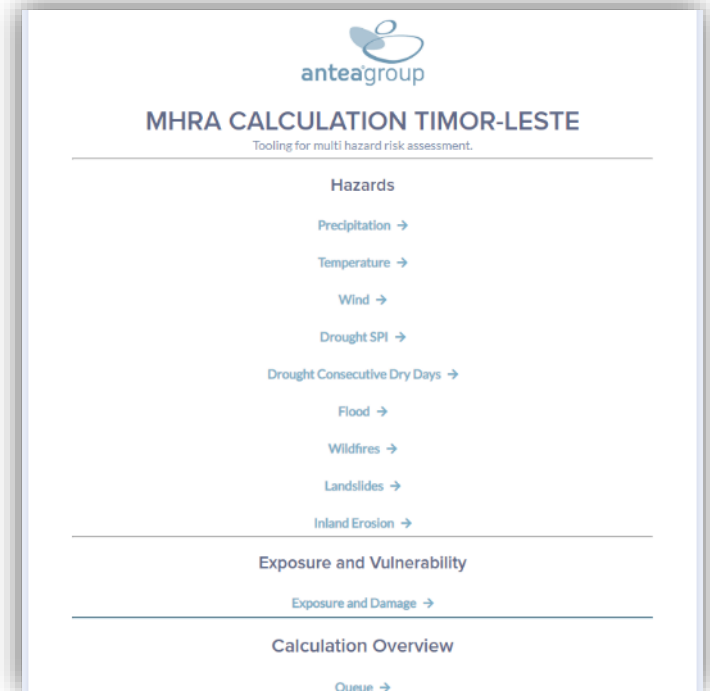
Method



Capacity Building



Dashboards



Tooling

Output



International Business

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Thank you for your attention