

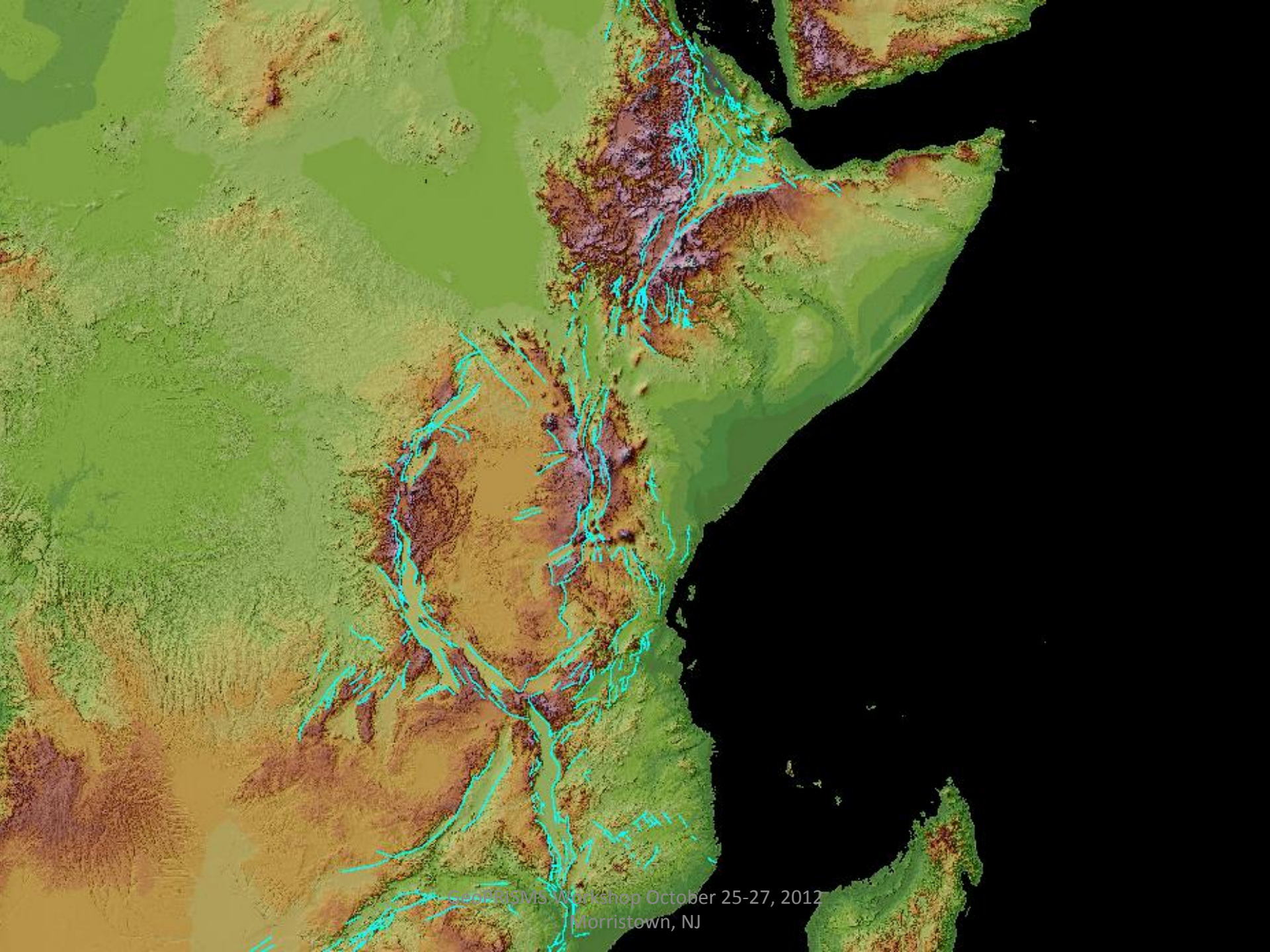
The GeobsNet initiative

federating scientific efforts in the field of
geo- and environmental hazards

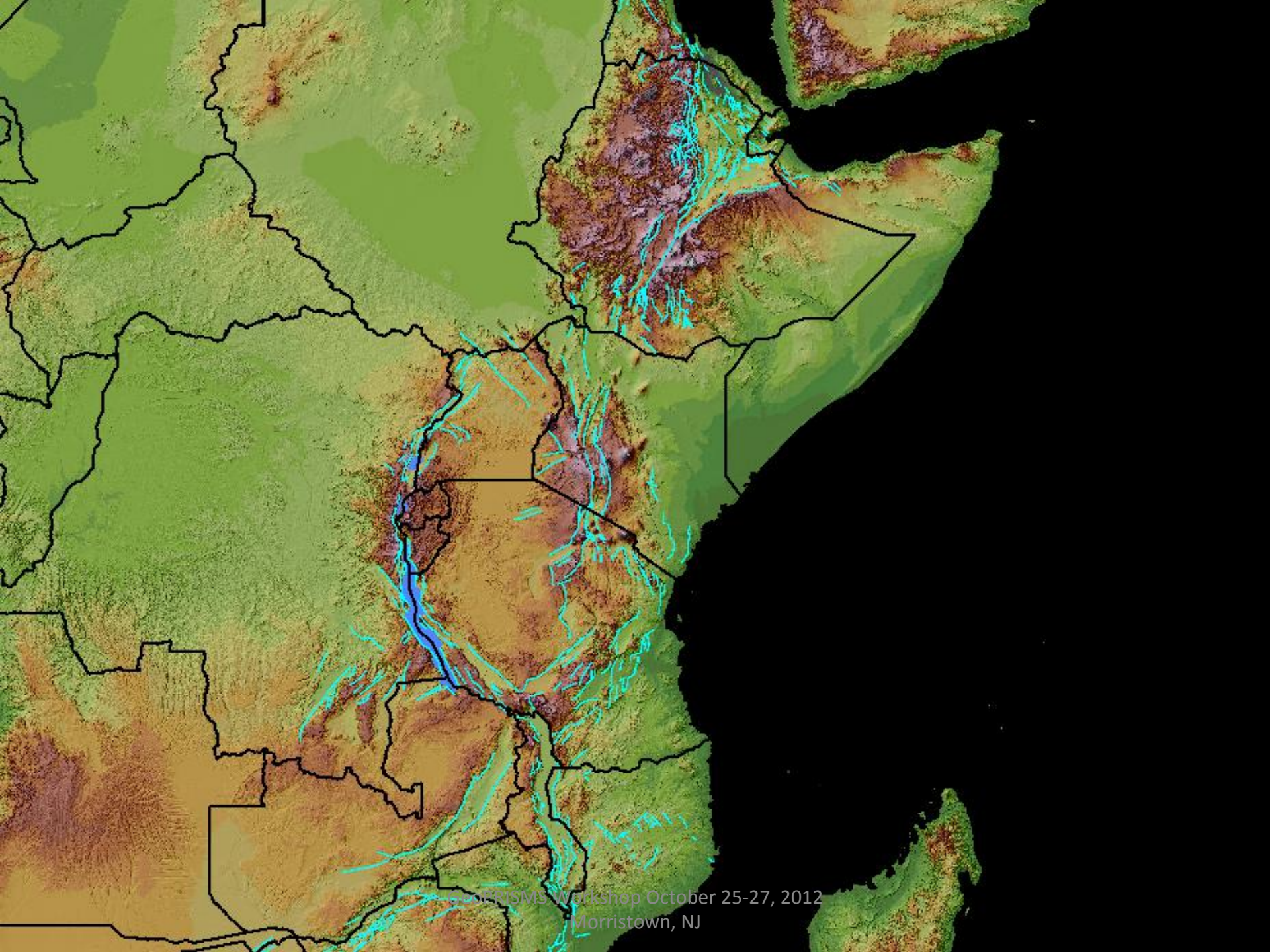
François Kervyn¹ and Nicolas d'Oreye²

¹ Royal Museum for Central Africa

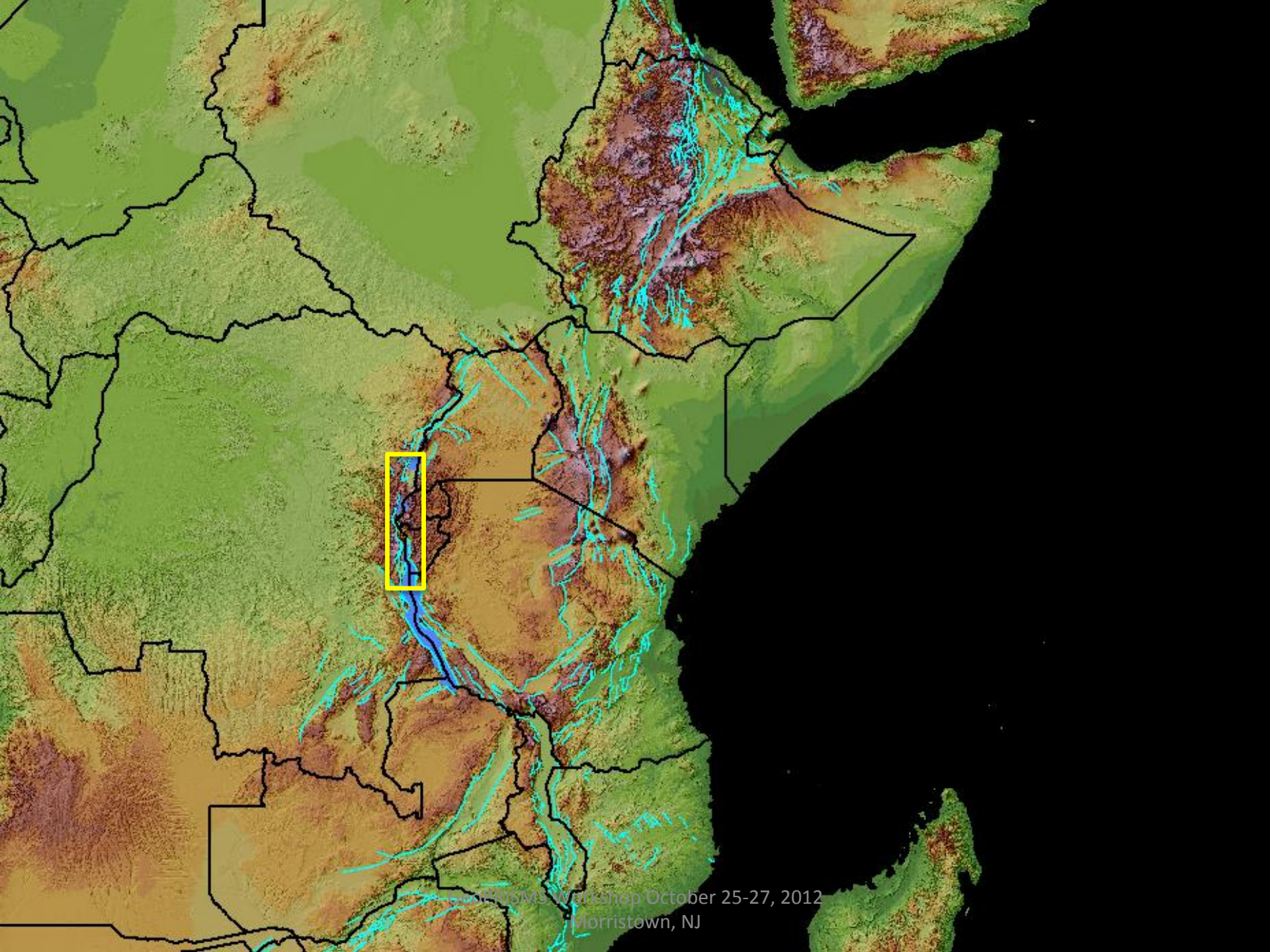
² European Centre of Geodynamic and Seismology- National Museum of Natural History



SEBRISMS Workshop October 25-27, 2012
Morristown, NJ



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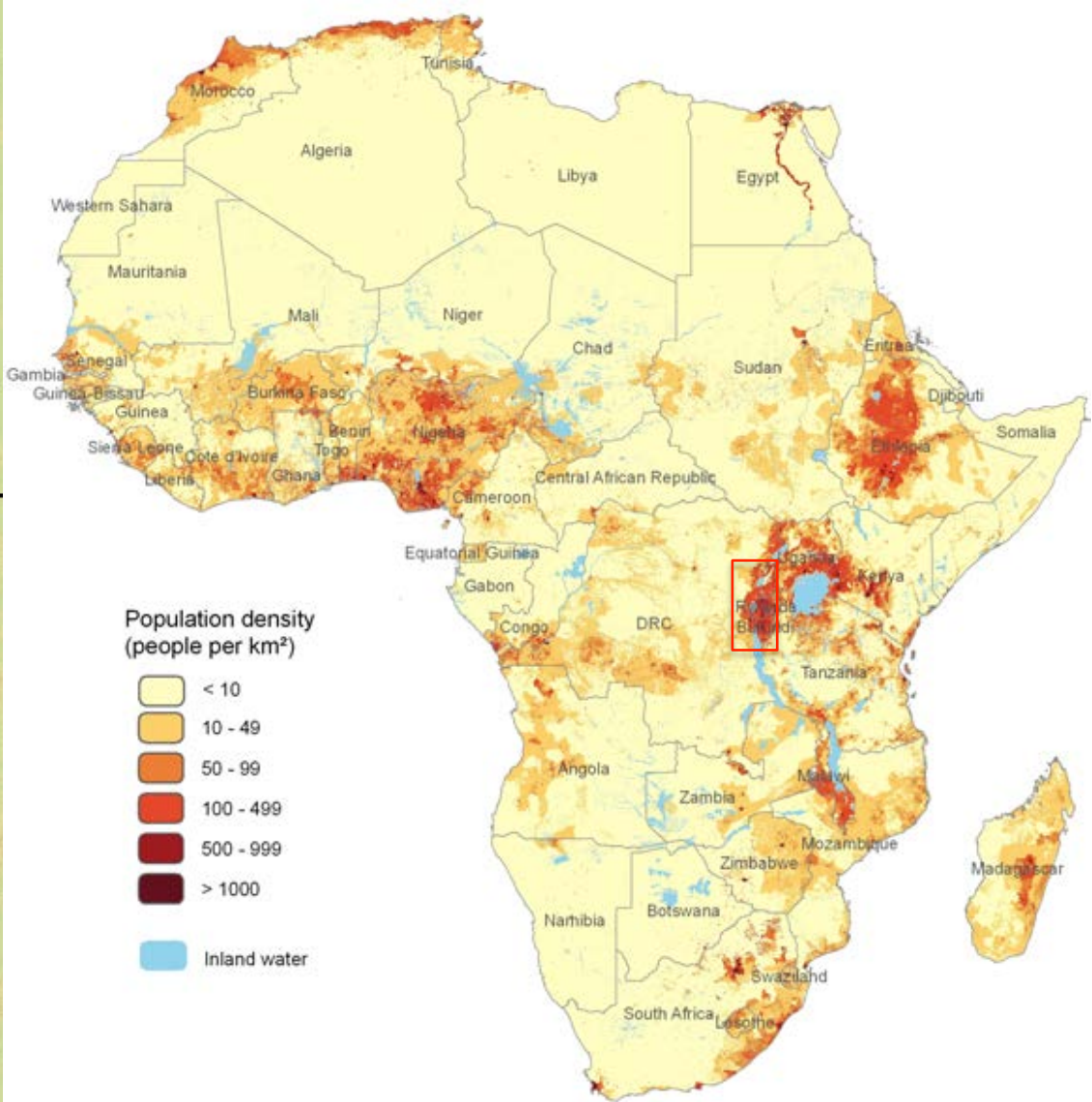
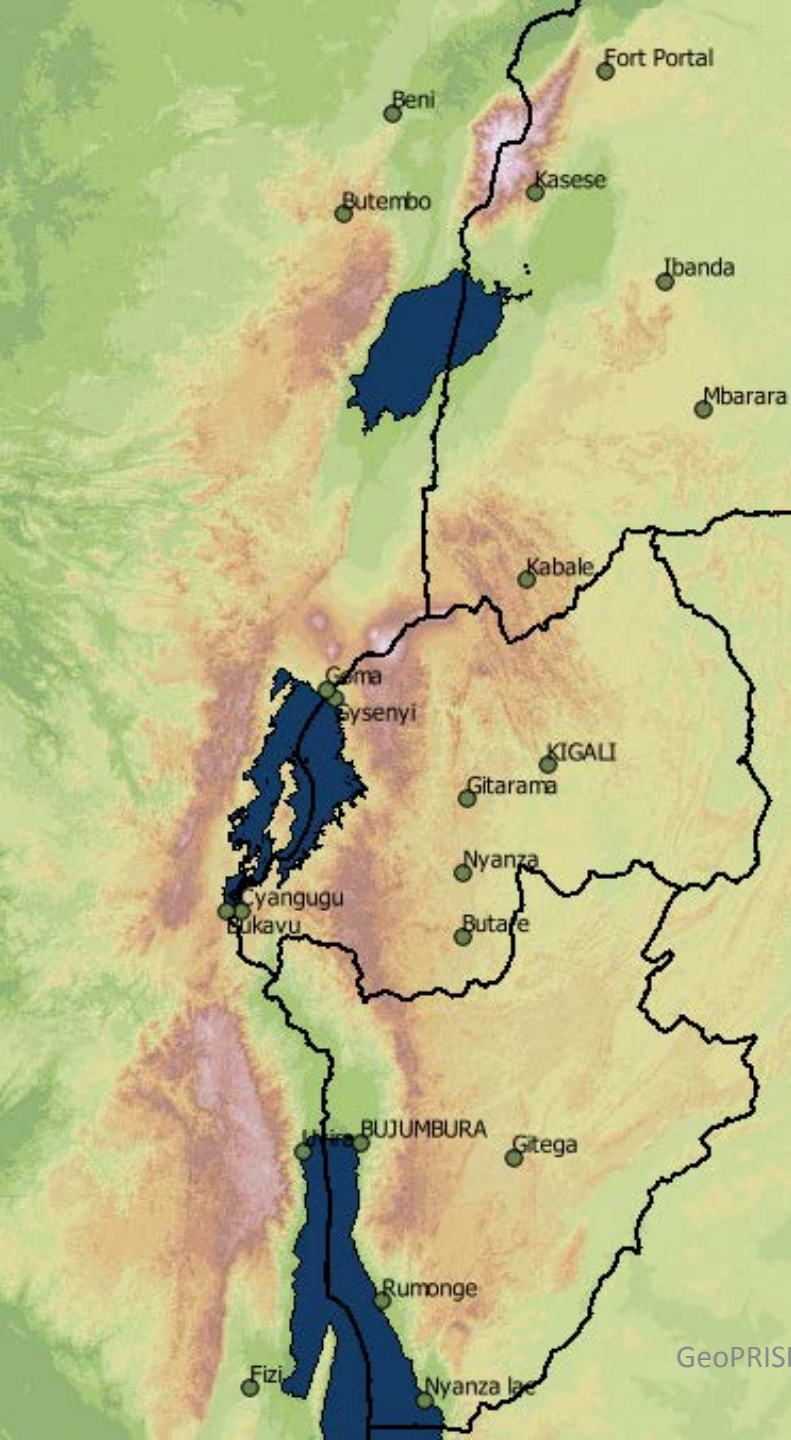


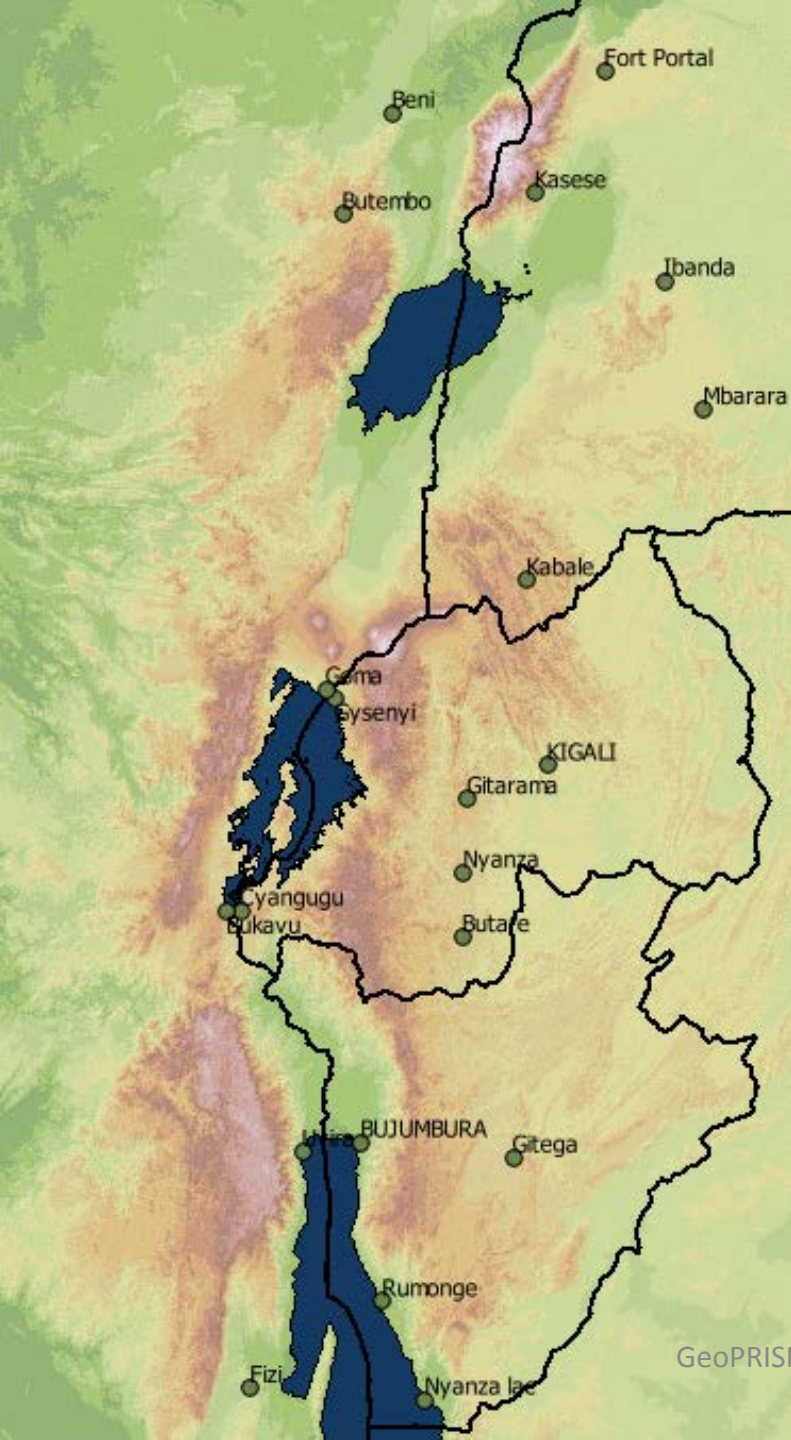
Do geohazards matter?





GeOPRISMS Workshop October 25-27, 2012
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HAZARDS

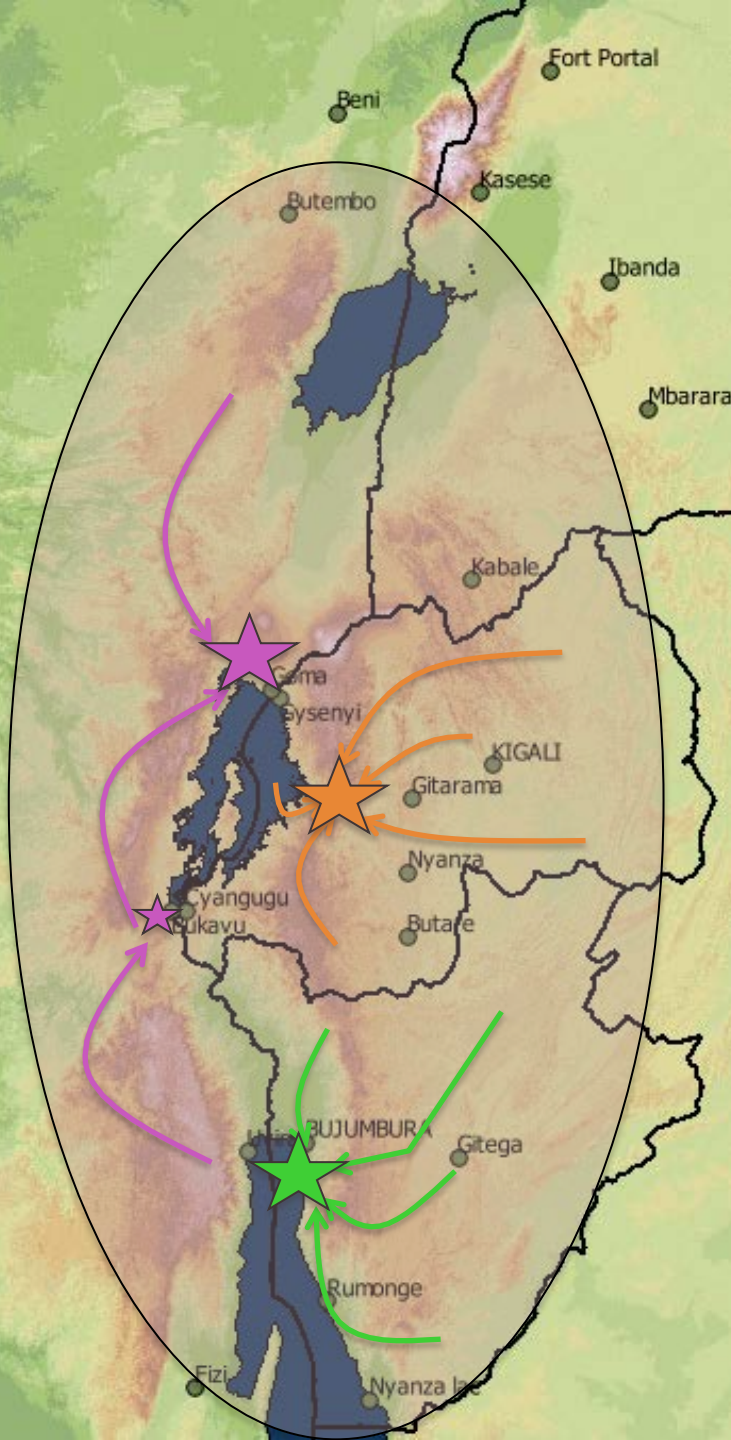
- Convergence of various major geohazards (volcanoes, EQ, mass mvt)
- Combination of geohazards (triggering)
- Poor / no continuous measurements (e.g. seismic netw.)
- No cross-border data sharing policy (case by case, rare)

VULNERABILITY

- High density of population
- Limited/no awareness/other priorities
- Limited/no preparedness

➔ **RISK is HIGH**

Geobservatories Network



- Facilitate data exchange at national and international levels
- Create national focal points devoted to improve
 - Data centralizing, sharing and dissemination
 - research coordination
- To foster research
 - integrated approach instead of succession of single and isolated initiatives
- To foster international cooperation
- To foster the local expertise
- To improve the recording of geohazards key-parameters over long and continuous time periods
- To serve as regional center for geo-hazards related matters
 - training
 - information

Implications:

- Assess the will at political level
- Identify national relays to push the process forward
- To organize the network formally and setup/adapt structures as geobservatories
- Format projects to match the GEOBSNET objectives
 - ➔ networking, sharing ideas, joint projects/initiatives... (GEOPRISMs?)



Requires more support:

- *Funding*
- *Project synergies*
- *Capacity building (training sessions, masters/ PhD prog.*



in progress

see poster

GeoRisCA project

Conclusions

- Good science is essential

But

- Science is needed for its application to geohazards and risks assessments
- A regional approach is mandatory
- Sustainability requires local appropriation
- More information on what has been achieved and ongoing projects: see poster this meeting

Or www.africamuseum.be/GEORISCA

www.ecgs.lu/GORISK