



GWFF

GEOSPATIAL WORLD FORUM

[**CLICK TO KNOW MORE**](#)



EO to Support Climate Security

Benson Kenduiywo, PhD

14/05/2024

Research questions

<https://cso.cgiar.org>



How does climate worsen the root causes of conflict?



Where are the most vulnerable areas to climate induced insecurities and risks?



Who are vulnerable groups to climate and security risks that should be targeted?



What needs to be done to break the vicious cycle between climate and conflict?

Integrated climate security approach

Social Learning Theory
Climate Security Pathway Analysis
Network Analysis
Econometric Analysis



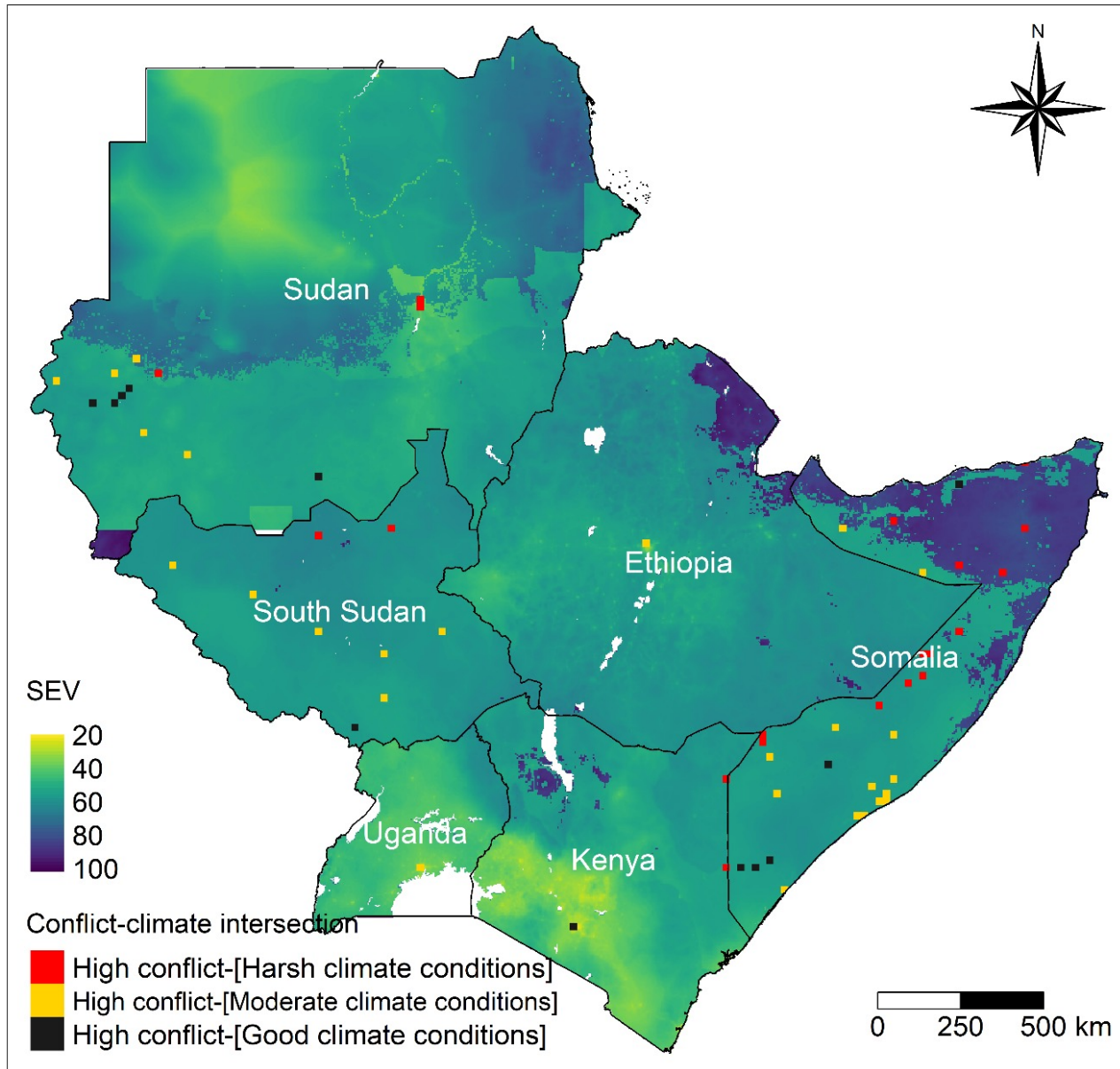
Spatial Analysis



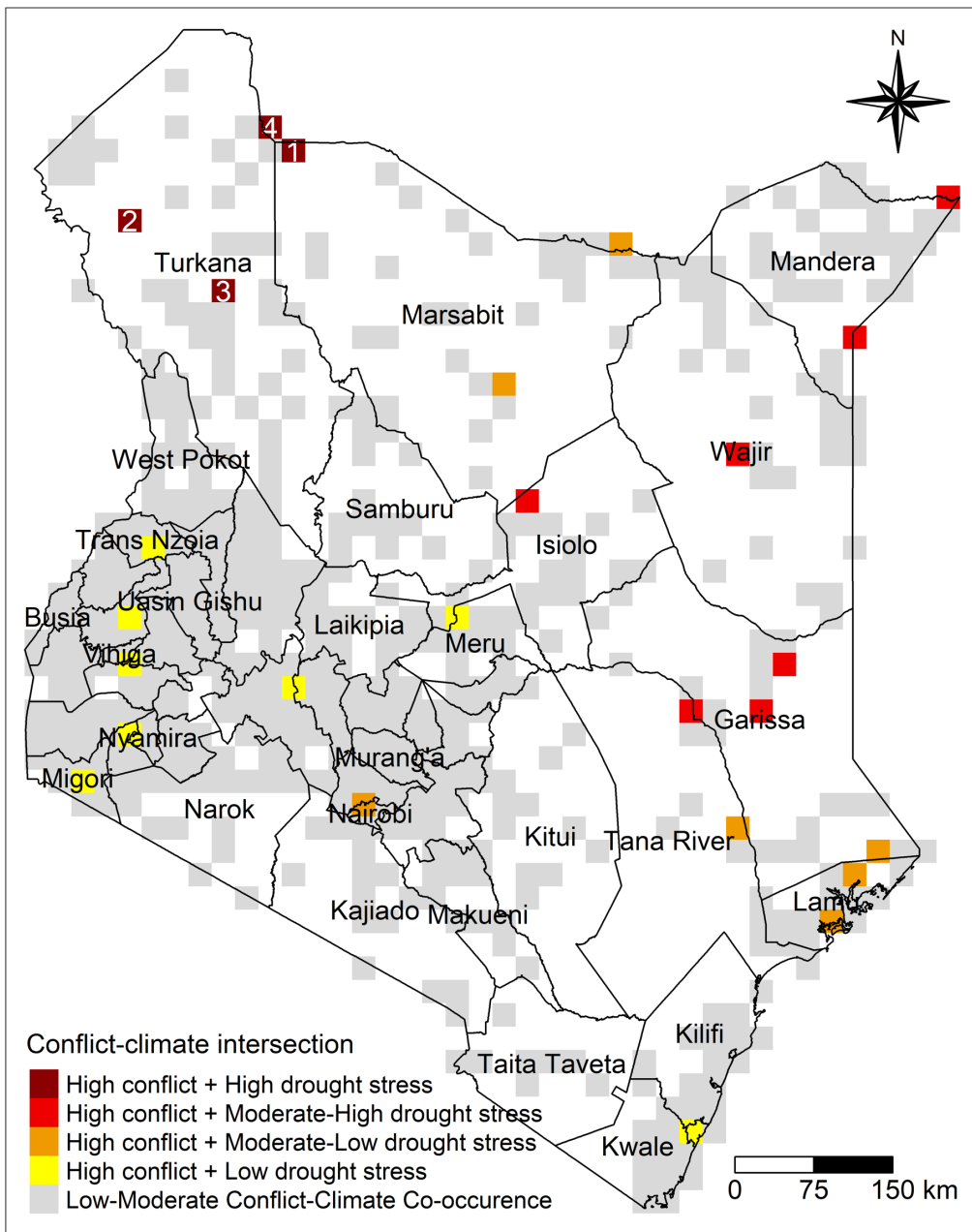
Social Media Analysis
Policy Coherence Analysis
Expert workshops
Climate Security **Sensitivity**
Tool
Social Learning Theory
Actor & Intervention
mapping



Spatial analysis: Regional view



- Regional View:
 - Parts of Sudan and Somalia experience high conflicts
 - Sudan:
 - Al Fashir
 - Ad Duayn
 - Border between Kenya & Somalia has high incidence conflict & harsh climate co-occurrence
 - Garissa around Dhobley
 - Madera around Elwak and Ceelwaaq



National level

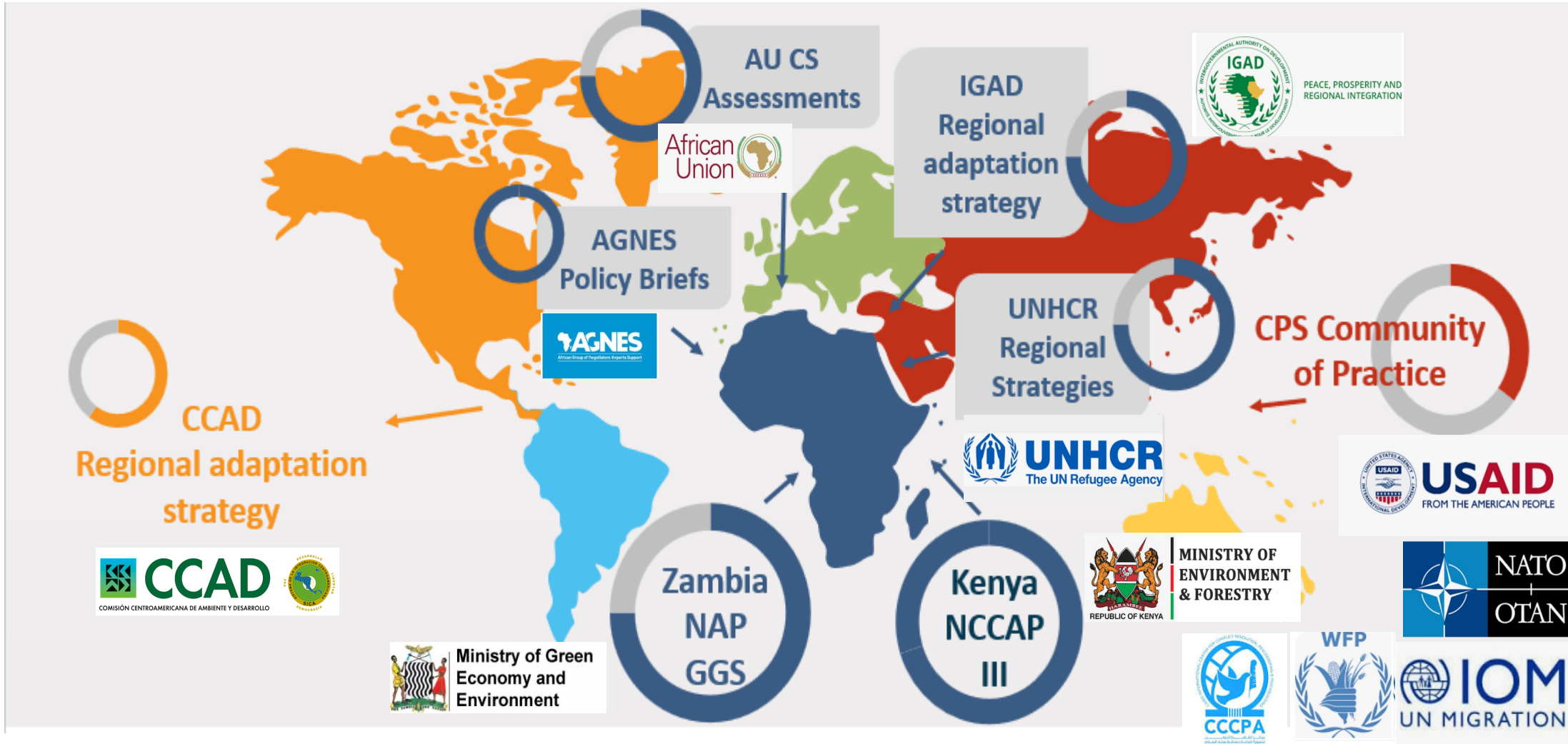
High conflict & high drought stressed hotspots are mainly in the **Turkana & Marsabit** counties.

Fatalities	Ward	SEV	Livelihoods
294	Turkwel, Kanamkemer, & Lodwar Township (3)	I+RS	○ Pastoralism
75	Nakalale, Kakuma, Letea, Lopur; Songot (2)	I+RS	○ Pastoralism
96	Illeret (1)	I+U	○ Pastoralism ○ Fishing
106	Lake Zone (4)	I	○ Fishing; ○ Pastoralism

I: Inequality; **RS:** Resource Scarcity; **U:** Undernutrition

- **WHERE:** Geographical prioritization of interventions risky areas
- **WHO:** Population targeting e.g. livelihoods, women, children etc

Impact



<https://cso.cgiar.org/>



Thanks!

Contact: b.Kenduiywo@cgiar.org

VISIT:

<https://cso.cgiar.org/>