

Geospatial Intelligence for Conflict Risk Resilience in Africa

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Harnessing Geospatial Intelligence for Africa's Sustainable and Resilient Future

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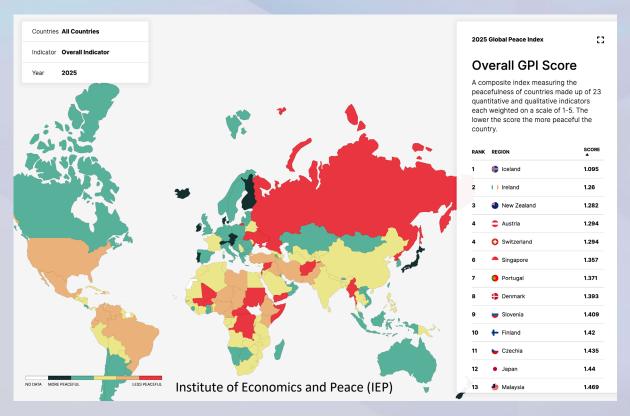
Analytics

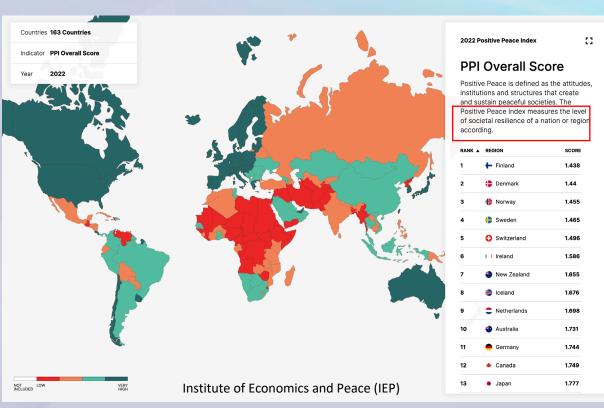
PeaceEye FlexCo provides decision-makers with timely, location-specific risk intelligence by integrating Earth observation data with human, media, and open-source intelligence, enhanced by Al-driven analytics. This empowers more informed, decisive action that helps strengthen peace in volatile environments.





Peace in Africa











Causes of conflict in Africa

- Competition Over Natural Resources (Land, Water, Minerals)
- Weak Governance and Political Marginalization
- Poverty and Economic Inequality
- Ethnic and Communal Tensions
- Armed Groups, Militias, and Extremism
- Climate Change as a Threat Multiplier







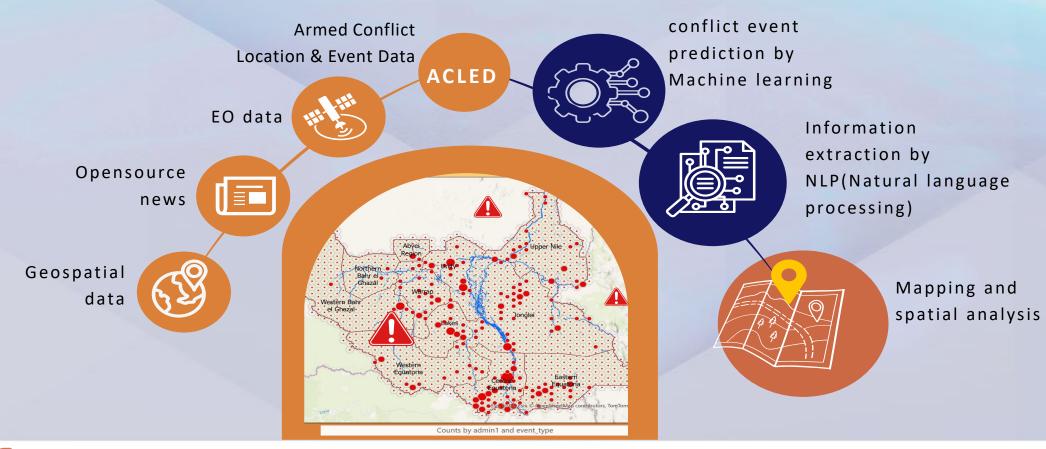
Conflict Risk Resilience

Conflict risk resilience refers to the capacity of a community, system, or institution to **anticipate**, **withstand**, adapt to, **prevent** and recover from factors that increase the likelihood of violent conflict.





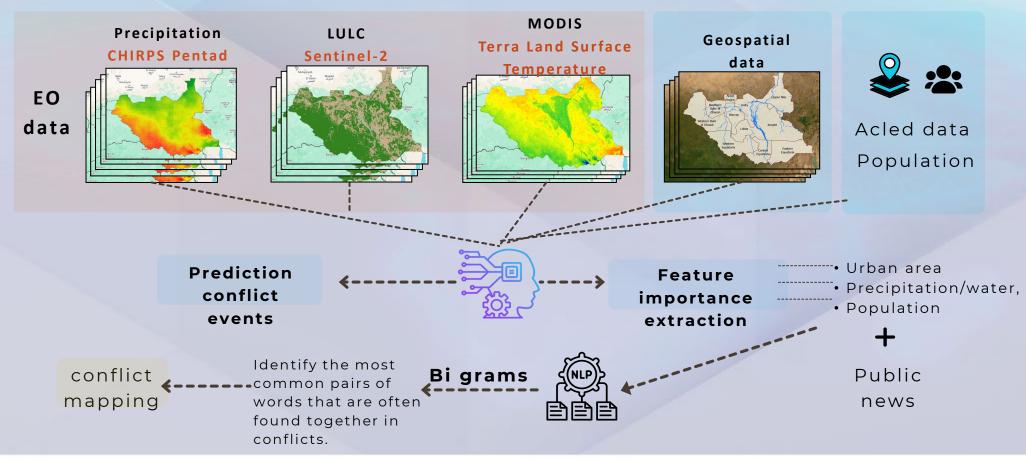


















Relevant factors: Water, precipitation, population, built-up area burnt village food water Water children abducted issue armed men shot civilians people wounded drinking cattle camp water people water water displaced medicine point

5 injured in Rubkona County as over 2,000 cattle raided







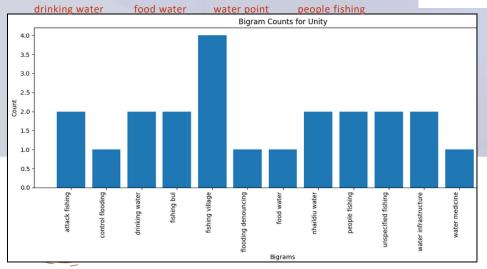




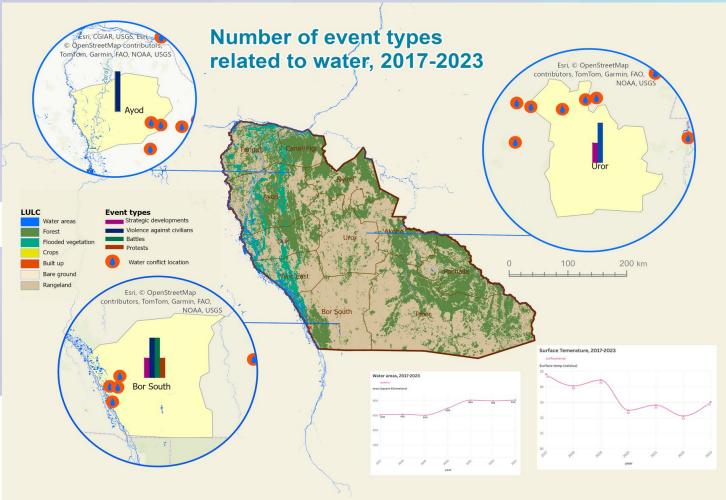
Thousands scramble for limited water in Kapoeta East County

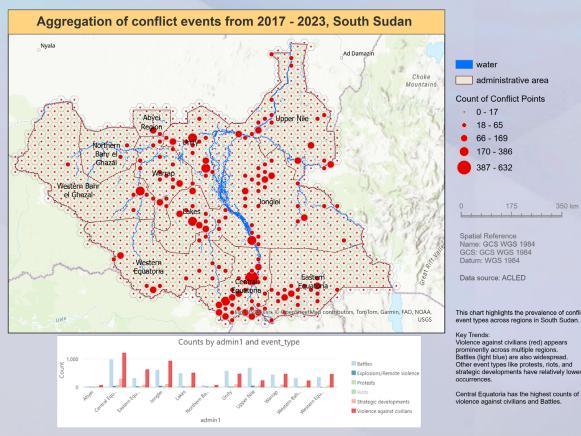


Display the most common bigrams by state

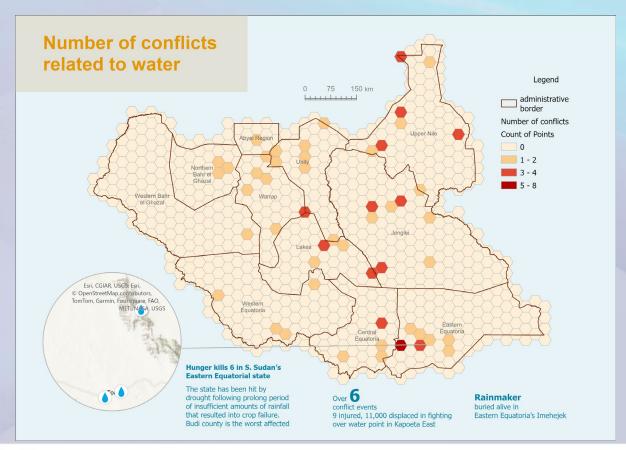


Identify the most common pairs of words that are often found together in conflicts.





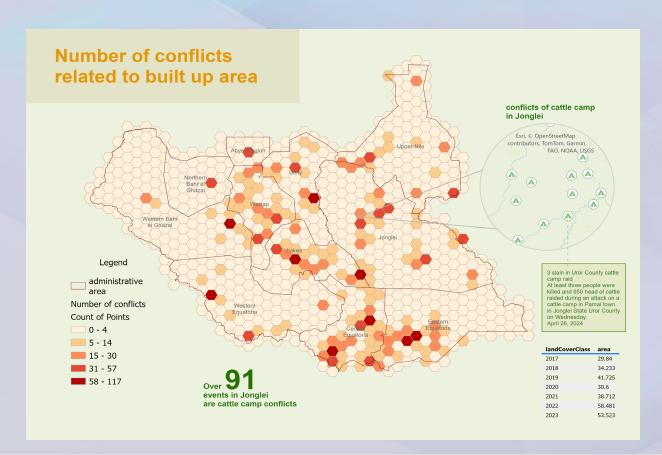


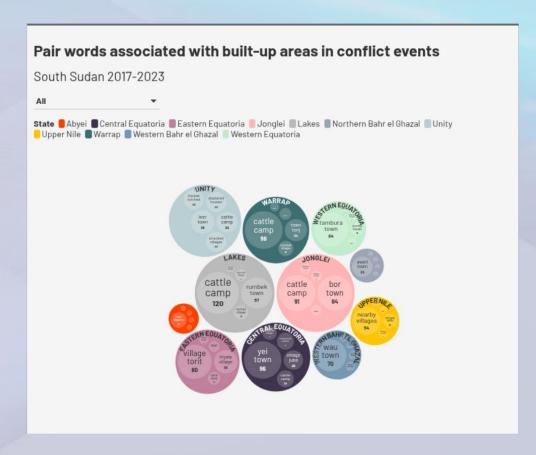










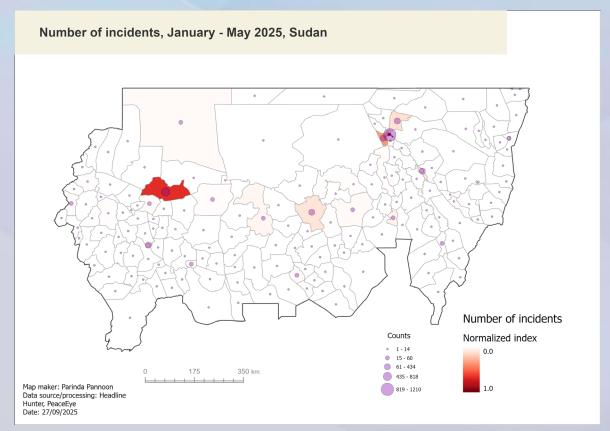


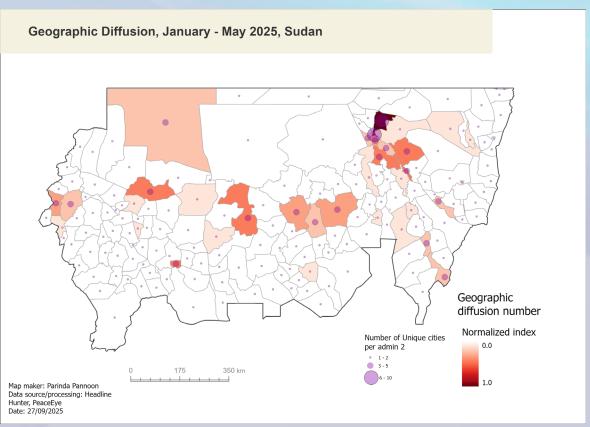






Sudan: Conflict, as a factor for Food Security





ESA Smart Connect Project for UNICEF on Food Severity Index in Sudan







Nigeria: Election Risk

- PeaceEye is also currently working on providing conflict event data (similar to ACLED DATA) tailored towards election risk in Nigeria.
- Using Open-Source Insights (OSINT): News Media, etc., in partnership with Headline Hunters GmbH.
- Conflict event data extraction, categorization, georeferencing, and mapping, leveraging NLP, LLMs.
- An Emergency Insights tool is also in the works, applicable to the Election Use Case

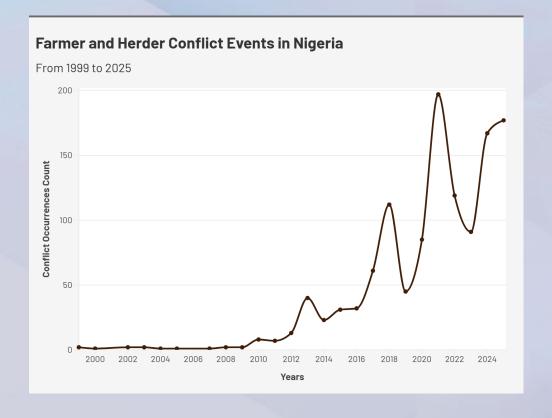




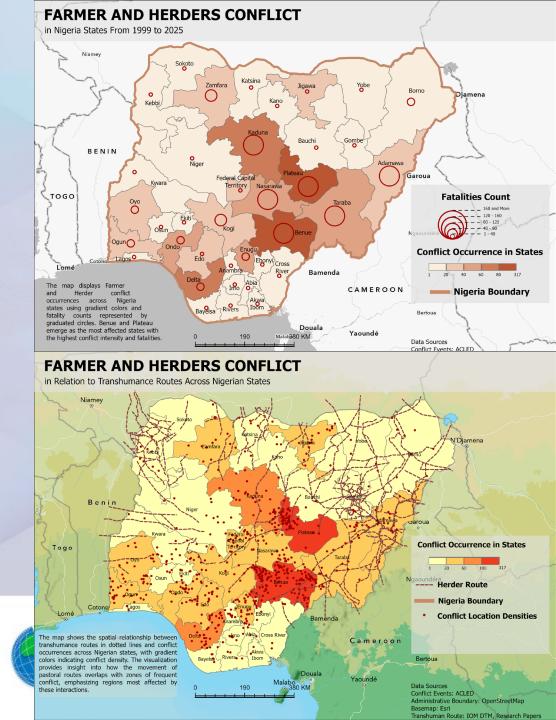




Nigeria: Herders-Farmers Conflict







In conclusion

Geospatial Intelligence shows us not just where risks are, but where hope lives.

Together, we can map a safer, more conflict resilient future for Africa







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Quality Assurance













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Thank You for listening