

Context

Climate variability leading to degradation of natural resources and reduced availability of water and pasture causes pastoralists to migrate to other areas, leading to competition for resources and conflict between pastoralist groups and between pastoralists and farmers. Livestock theft is another source of violence among pastoralist groups. Originally culturally motivated, violence associated with raiding has increased due to climate change and natural resource scarcity. The combination of climate stress and conflict is putting pressure on pastoralists' livelihoods and food security and overwhelming their ability to adapt.

Our innovative approach

The Climate Security Observatory (CSO) is an evidence-based decision support tool helping researchers, policy makers and other practitioners working at the intersection of climate, peace and security to understand and respond to climate-related security risks.

The CSO follows an integrated systems-approach that combines qualitative and quantitative methods from multidisciplinary fields to form a comprehensive picture of the complexity of the Climate Security Nexus.



The CGIAR Climate Security Observatory – FOCUS Livestock

Two livestock-specific CSO modules:

- **Livestock-specific Climate Security Pathway analysis (CSPA):** a theoretical synthesis on how climate exacerbates root causes of livestock-related conflict.
- **Hotspot mapping for livestock-related conflicts:** Overlaying layers on livestock related conflicts, climate stressors, transhumance routes, water points, livestock markets, and pastoral Infrastructure as an entry point for analyzing potential trigger points for livestock-related conflicts and their spatio-temporal distribution.

→ The CSPAs and hotspot mapping, in combination with additional qualitative and quantitative studies, serve as a basis for negotiating and agreeing on access and control around water points, land use and pastoral infrastructures.

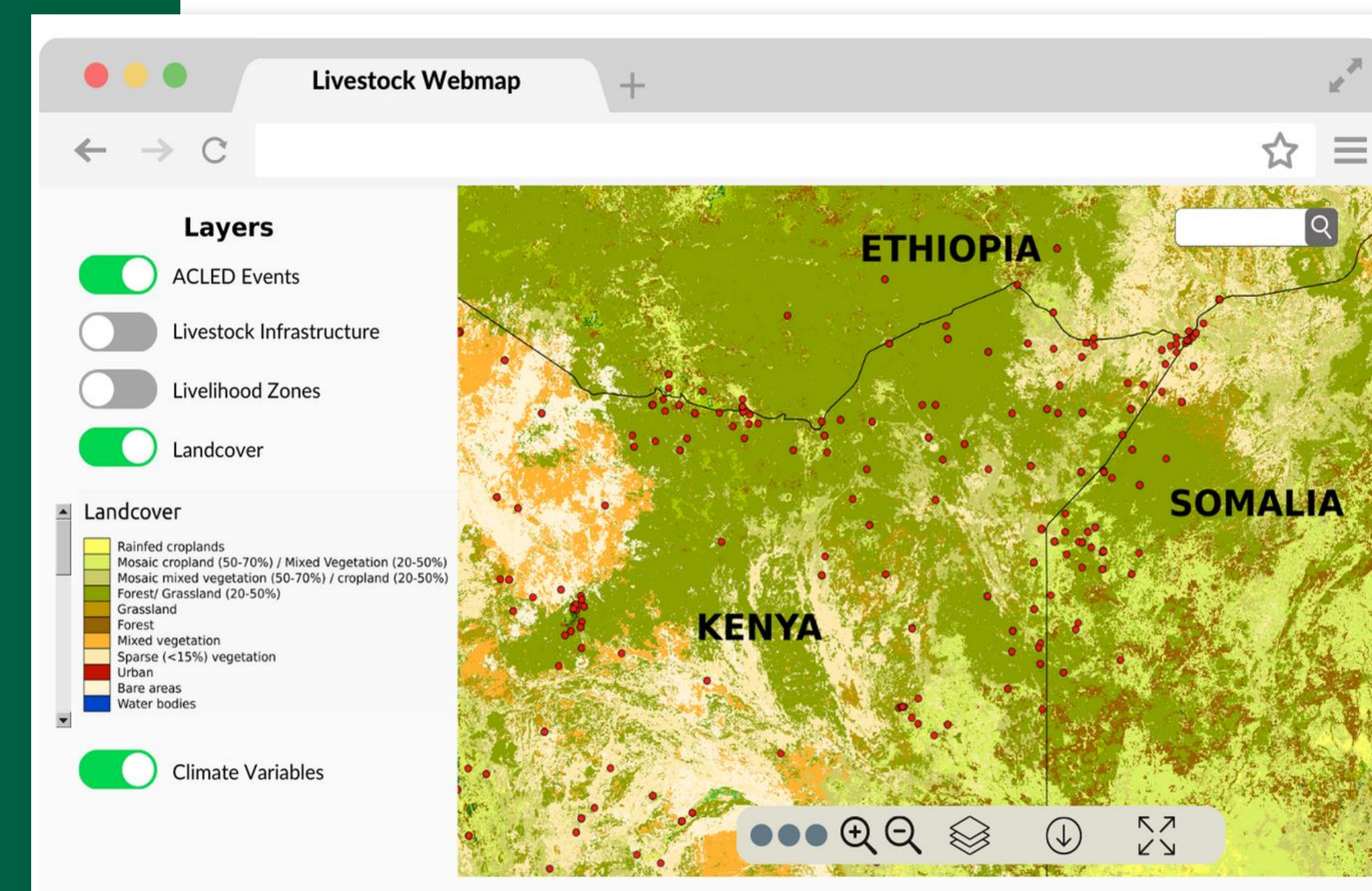
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Progress/outcomes

- [Livestock-specific CSPA](#) for Kenya developed. Respective CSO module to be integrated by end of 2023
- Hotspot mapping for livestock-related conflicts:
 - User engagement workshops with local organizations working in the livestock sector to understand digital platform/decision support tool needs.
 - Identify data gaps
 - Final mockup to be developed by July 2023; Respective CSO module for Kenya to be integrated by end of 2023.



Mockup created by Alex Orenstein



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