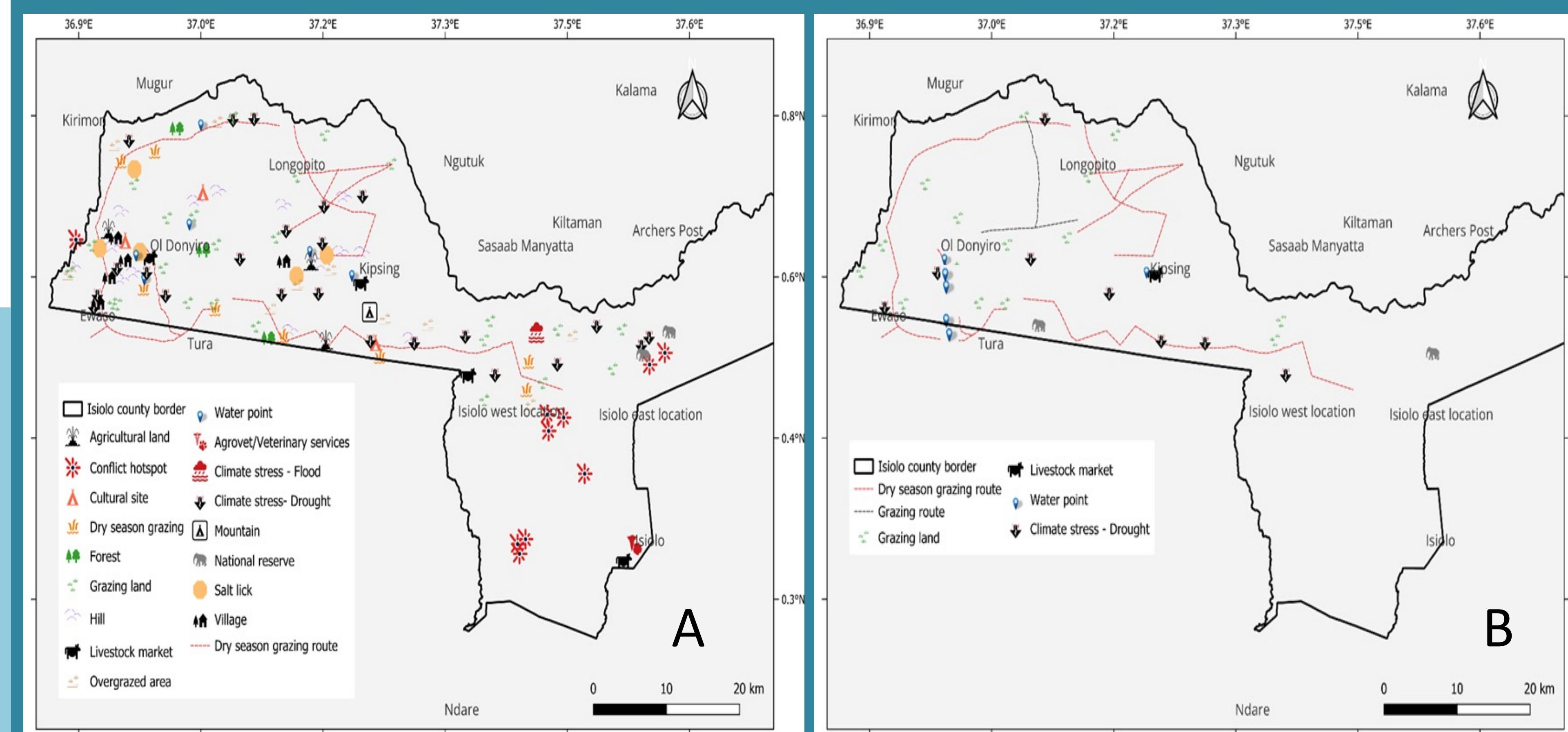




PGIS by different groups- Men's group (A) and women's group (B). Source: Ambica Paliwal

Bridging gender gap in resource mapping using Participatory Geographic Information Systems (PGIS)

- In rangeland communities, women's perspectives are often marginalized due to customary practices that exclude them from resource management decisions.
- Actively involving both women and men in PGIS exercises ensures their knowledge and needs are integrated, addressing gender-specific challenges like water accessibility and food security.
- This inclusive approach addresses the specific needs of different groups, promotes equitable resource management and ensures that all voices are heard and considered.
- PGIS significantly enhances the detail of resource mapping by leveraging the contextual knowledge of local residents.



Features marked by men's group (A) and women's group (C). Source : generated by Authors

Outcomes

- Sex-disaggregated engagement in mapping has led to detailed, context-specific maps sustainable resource mapping and management practices.
- 40 pastoral community members participated, representing diverse gender and user groups
- Participants now recognize the importance of getting perspectives from different groups and resource sharing

Next steps

- This gendered PGIS approach can be applied to other resource-dependent communities facing similar challenges in conflict-prone, climate-stressed environments globally
- PGIS can be used to enhance resource management, and climate adaptation in various sectors including water resource management, and disaster preparedness.
- PGIS framework can be expanded to other regions, empowering local communities and women

Partners



The International Livestock Research Institute thanks all donors & organizations which globally support its work through their contributions to the CGIAR Trust Fund. cgiar.org/funders

This document is licensed for use under the Creative Commons Attribution 4.0 International Licence. November 2024



The challenge

- Women in most communities are often excluded from critical decision-making processes, resulting in resource allocation strategies that fail to fully reflect diverse community needs.
- The study aims to bridge the gender gap in resource mapping by actively involving both men and women in PGIS exercises, incorporating diverse perspectives and addressing the unique needs and knowledge of each group

Our innovative approach

- Participants were divided into sex-disaggregated groups of men and women, each group, given a 1:22,000-scale map of western Isiolo and guided by questions to identify the resources and capture diverse perspectives.

Fredah Cherotich
Benson Kenduiywo
Victor Korir
Diba Galgalo
Grazia Pacillo
Alessandra Galie
Renee Bullock
Anthony Whitbread
Ambica Paliwal*

* Senior Scientist- Remote Sensing, ILRI
Email: a.paliwal@cgiar.org