



Form fields include:

- Conservation or improve animal genetic resources
- Adapt to climate change/ extremes and its impacts (e.g. resilience to droughts, storms)
- Mixed livestock-ranged crop
- Small ruminants
- Mixed livestock-ranged crop
- Small ruminants
- Sheep
- Cattle
- Goats
- Other

A part of standardized SLiM template for “Community-based breeding program for goat in North Ethiopia.



POVERTY REDUCTION, LIVELIHOODS & JOBS

An integrated WebGIS tool to target sustainable livestock management options (SLiM) by context and support their scaling

GeOC4SLiM tool integrates standardized system characterizing SLiM with user-friendly WebGIS

Context

- Adoption and effectiveness of SLiM depend on specific contexts. The high contextual diversity of drylands makes uniform blanket policies promoting SLiM less effective and the synthesis and scaling of site-based successful lessons difficult.
- Geoinformatics Options by Context for SLiM (GeOC4SLiM) is a WebGIS-based tool to help stakeholders in Ethiopia and Tanzania select SLiM options by context and map the areas of contextual similarity for scaling.

Our innovative approach

- Unique integration between descriptive data on SLiM options and GIS data on socio-ecological context.
- Tested spatial extrapolation domains based on typologies of socio-ecological context.
- It provides stakeholders with multiple entry points to view and evaluate SLiM options in context and visualize potential areas for scaling.
- Its design is open for continuous improvement and customization.

- Integrate standardized SLiM with GIS data on socio-ecological drivers and impacts
- Provide tested typologies of socio-ecological contexts, which are used as extrapolation/recommendation domains in outscaling
- Enable stakeholders to overview, evaluate comparatively SLiM options in a context, and map potential areas for SLiM outscaling



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Outcomes

- Pilot outputs demonstrate the tools’s potential value for stakeholders to target SLiM investments to specific contexts, indicating which contextual factors are important for management. Stakeholders can also anticipate relevant areas for effective scaling

Future steps

- Continue tool development in 2020.
- Deliver capacity development and facilitate uses for stakeholders in Ethiopia, Tanzania and elsewhere in 2021.
- The online feature of GeOC4SLiM would support a wider applicability beyond 2021.

Partners

World Overview of Conservation Approaches and Technologies; BEAF/GIZ; IMMAP Europe; CodeObia (Jordan)



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