

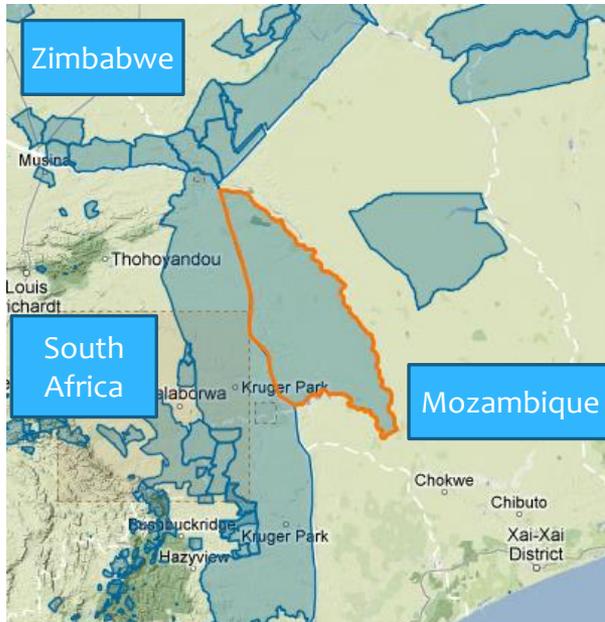
Social drivers of land cover change around African transboundary Peace Parks

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Research Goal and Questions



- * Goal:

- * map, quantify, and attribute the LCLU change within the Mozambican portion of the park to socio-economic causes

- * Research questions:

- * self-reported use of resources vs. land use patterns from satellites

- * inside GLTP vs. outside GLTP land use patterns

- * resident attitude toward GLTP vs. land use patterns

Project design

Landsat

VHR

Survey

LCLU change patterns in Limpopo River Basin in Mozambique:
a) within vs. outside GLTP
b) 1984 – 2000 vs. 2001-2011

Community structure and infrastructure change:
a) tourism infrastructure
b) village configuration

Link regional LCLU patterns to national surveys

Perception of “harming livelihoods” and local spatial patterns

Confirm/re-assess using field surveys

Identify metrics for mapping improvements in human livelihoods and ecological systems

Impacts of GLTP establishment on human livelihoods in Mozambique