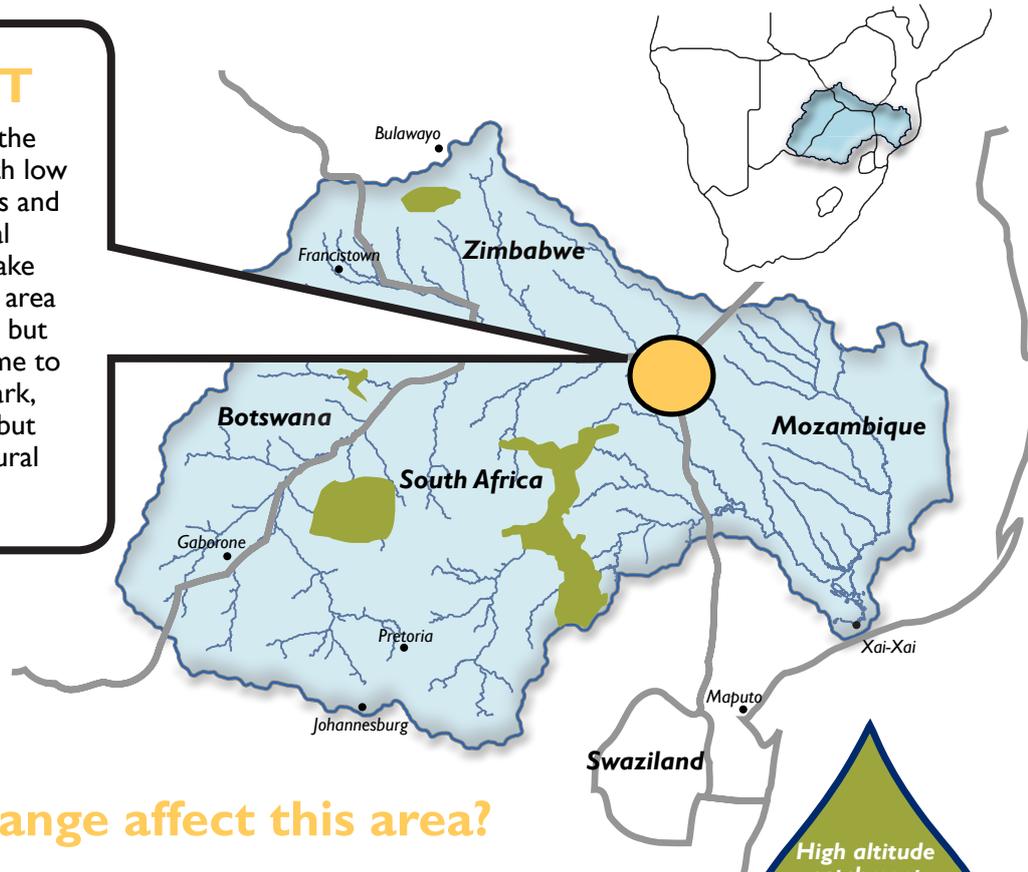


RESILIENCE ACTION AREA 6: Pafuri Triangle (South Africa, Zimbabwe and Mozambique)

THE LIMPOPO RIVER BASIN: IDEAS FOR A RESILIENT FUTURE

AREA SNAPSHOT

Overlapping 3 of 4 basin countries, the Pafuri Triangle has a harsh climate with low rainfall, intense summer heat, droughts and occasional floods. Plant and animal species adapted to the conditions take refuge around the Levuvhu River. The area has a comparatively small population but rich cultural and natural heritage. Home to the Great Limpopo Transfrontier Park, potential for eco-tourism is strong but competition for land, water and natural resources is high.



How will climate change affect this area?



CLIMATE CHANGE

- Lower rainfall but more intense storms
- Higher temperatures



ENVIRONMENTAL IMPACTS

- Lower river levels
- Possible transition to arid, especially in Zimbabwe and Mozambique
- More flash floods



HUMAN & ECOSYSTEM IMPACTS

- Lower crop yields
- Agricultural, eco-tourism livelihoods decline
- Human health and nutrition decline
- More human and animal migration

WE HAVE THE POWER TO ADAPT

OPPORTUNITIES FOR ACTION

Maximize collaborative governance, especially on transfrontier Park and water agreements

Manage potential conflicts between land and water users

Develop climate-sensitive infrastructure for nature-based, cultural tourism

Prevent wildlife-livestock transmissible diseases



Enhance poaching control

Diversify livelihoods



Improve soil water conservation practices



Strengthen oversight of future water use in mining, irrigation

Take action when groundwater use and river abstraction exceeds supply



LEARN MORE

THIS CASE STUDY features one of eight Resilience Action Areas described in Risk, Vulnerability & Resilience in the Limpopo River Basin (2015). Produced by One-World Sustainable Investments for the USAID Southern Africa Resilience in the Limpopo River Basin (RESILIM) program, the report is available at <https://www.usaid.gov/documents/1860/risk-vulnerability-and-resilience-limpopo-river-basin-synthesis-0>. RESILIM collaborates with government and nongovernmental institutions across the four basin countries to improve water management, promote biodiversity, and support climate change adaptation.

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