



ENVIRONMENT



Section of the Okavango River Basin

PORTFOLIO 2010-2017

- \$85 million
- Key Sectors:
 - Biodiversity Conservation
 - Integrated Water Resource Management
 - Water Supply & Sanitation
 - Climate Adaptation
 - Resiliency
 - Illegal Wildlife Harvesting & Trade
 - Integrated Disaster & Climate Management and Planning

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Overview

USAID/Southern Africa Regional General Development Office supports programs to promote sustainable economic growth in targeted areas by integrating climate change into policy and decision making and ensuring sound management of transboundary natural resources. In particular, USAID/Southern Africa supports the Global Climate Change (GCC) Presidential Initiative and Congressional Biodiversity and Water earmarks. Through its environmental programs, USAID enhances resiliency of critical river basins in Southern Africa, improves capacity to cope with climate change, and advances environmental innovation.

Enhancing Resiliency of Southern Africa's River Basins

USAID/Southern Africa is working to improve transboundary management and decision making for water, biodiversity, and associated natural resources resulting in sustainable, equitable and rational use of natural resources to meet human development and ecological needs. Many countries in the Southern Africa region are either currently experiencing water scarcity or are vulnerable to water stress. The integrity of ecosystems is under threat, with biological diversity being lost. Climate change is likely to exacerbate these problems, with the potential to limit economic development in the decades to come. All major rivers in the region flow across national boundaries and cooperative decision making and management is necessary to conserve biodiversity and ensure equitable and efficient use of water and other natural resources. USAID/Southern Africa currently works in the Okavango, Limpopo, and Orange-Senqu River Basins.

Improving Capacity to Cope with Climate Change

USAID/Southern Africa promotes the integration of climate change into policy, decision-making and practice. Climate change has the potential to be a major stressor limiting development potential in Southern Africa over the next century. While the full scope of climate impacts is not yet fully understood for the region, overall evidence indicates an increase in more intense and severe weather events, such as storms, floods and droughts, sea-level rise, and a shift in agro-ecological zones. USAID provides technical assistance to improve understanding of the potential impacts of climate change in targeted geographies, while developing regional, national and local capacity to address these impacts.

Advancing Environmental Innovation

Global change, in the form of climate impacts, population growth and an increased and unsustainable demand on natural resources, demands a new kind of thinking and acting to ensure a sustainable future for Southern Africans. USAID/Southern Africa promotes the development and adoption of innovative, science-based solutions to support vibrant and ecologically sustainable development. This includes innovative inquiry on wildlife trade, renewable energy solutions, combating invasive aquatic species, and rehabilitating coral reefs, among others.



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ACTIVITIES	PRIME/ SUBS	TIME- FRAME	TOTAL EST. COST	BREIF SUMMARY
Southern African Regional Environment Program (SAREP)	Chemonics International	2010 - 2015	\$23.3 million	Strengthens regional capacities of the Permanent Okavango River Water Basin Commision, national and local governments, and communitites within Angola, Botswana, and Namibia to improve management of transboundary natural resources that are critical for ecosystem sevice, wildlife, and sustainable development.
Resilience in the Limpopo River Basin (RESILIM)	Chemonics International, One World, Global Water Partnership	2012 - 2017	\$14.6 million	Improves transboundary management of the Limpopo River Basin resulting in enhanced resiliency of its people and ecosystems, in partnership with the Limpopo River Course Commission.
Resilience in the Limpopo River Basin-Olifants (RESILIM-Olifants)	Association for Water and Rural Development (AWARD)	2012 - 2017	\$10.7 million	Improves transboundary governance and management of the Olifants Catchment in the Limpopo River Basin in partnership with a consortium of local stakeholders.
Water and Ecosystem Security in the Orange-Senqu River Basin	IUCN	2012- 2015	\$2.3 million	In partnership with local NGO's based in each of the four riparian states, this program supports scientific analysis and pilot projects that balance ecosystem requirements with human needs to ensure lasting water provision services.
Climate Change Adaptation in the Lesotho Highlands	Institute of Natural Resources, Serumula Development Association, GROW Lesotho	2010- 2014	\$1.3 million	Supports the government and local communities in Lesotho to strengthen their abilities to respond to potential impacts of climate change through more sustainable environmental policies and practices.
Stepping Up to Sustainability	Wildlife and Environment Society of South Africa (WESSA)	2011- 2014	\$2.2 million	Builds the competency of local communities and citizens across South Africa to cope with climate change through an innovative approach that is rooted in long-term behavior change.
Enhanced Water Supply and Sanitation in Swaziland	Palms for Life Fund	2010- 2013	\$2.2 million	Supports Swaziland schools to deliver clean drinking water and sanitation services, combined with school gardening programs.
Nano-Power Africa	American Council on Education (ACE)	2010- 2014	\$1.4 million	Supports novel research and networks across Africa to develop inexpensive clean energy solutions for use in rural and peri-urban areas.
Reef Rescuers	Nature Seychelles	2010- 2014	\$0.57 million	Supports the development and testing of 'reef gardening' to restore productive coral reefs threatened by climate change.
Capable Partners: Local Capacity Development	FHI-360	2013- 2015	\$2 million	Provides organizational development support to enable partners to deliver more sustainable development programs.
Wildlife Trafficking Response, Assessment & Priority Setting (buy-in)	IUCN, TRAFFIC	2013- 2015	\$.075 million	Strengthens the knowledge, capacities and coordination amongst key stakeholders to fight illegal wildlife trade between Africa and Asia (Award managed in Washington).