

# ORNL Collaboration with USAID in Southern Africa to Improve Management of Shared River Basins

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**U. S. DEPARTMENT OF ENERGY**



## Outline:

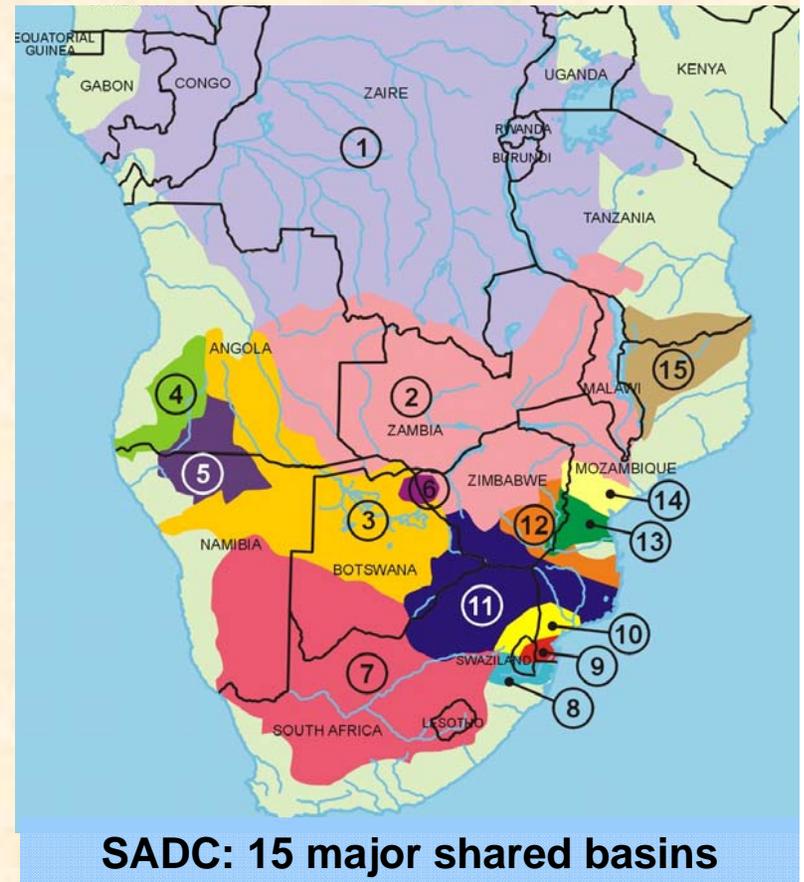
- **Development Challenge**
- **Key Activities**
- **ORNL Contributions**
- **Partners**



# Development Challenge

- **Growing water scarcity**
- **High dependence on shared watercourses**
- **Conflicts over competing demands among sectors (tourism/extractive) and states**
- **Riparian areas critical for human activities, biodiversity**

**How to maintain ecological services while meeting social and economic development needs**



# Program Activities

- **Okavango River Basin Water Resources Commission (OKACOM)**
  - Institutional strengthening
  - Strategic planning
  - Community NRM governance
- **Southern Africa Development Community (SADC)**
  - Regional Protocols for Water and Biodiversity
  - Mechanisms for dialogue and dispute resolution (commissions of riparian states, RBOs...)
  - Data collection and management





# ORNL Supporting Role

- **Program Evaluation**
  - **Stakeholders, multi-institutional participation**
    - **USG, USAID/Regional, Bilateral**
    - **Many other donors and interests**
  - **Optimizing limited resources**
- **Design Assistance**
  - **Initial phase (2004-08) merits review, adjustment**
  - **Assist USAID to assess options, define actions**
  - **Documentation and support for transition**
  - **Integrate “restructuring of foreign assistance”**



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## ORNL Supporting Role continued

- **Planning and Management assistance**
  - **Monitoring tools, systems**
  - **Training local counterparts on the job**
  - **Resources for decision-making**
- **Technical assistance upon request**
  - **Institutional development (self assessment tool)**
  - **Strategic analysis and design**
  - **Biodiversity conservation planning**



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# Partners & Collaborators in Southern Africa

- **USAID (sponsor)**
  - US institutional contractor (2005-08, ARD Inc)
  - OKACOM
  - NGOs and Regional Institutions
- **Southern Africa Development Community (SADC)**
  - Regional counterpart
- **Other US Government Agencies**
  - US Bureau of Reclamation, USGS, US Forestry Service
- **Other Donors:**
  - UNDP-GEF, SIDA, GTZ, EU, DIFID...



*Thank you!*

**For more information:**

**[www.irbm.co.bw](http://www.irbm.co.bw)** – USAID Project website

**[www.okacom.org](http://www.okacom.org)** – OKACOM website

**<http://rcsa.usaid.gov>** – USAID/Southern Africa

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# Collaboration with USAID/Southern Africa (summary slide)

**Development Challenge:** Water scarcity, competition among states and uses

**Objective:** Improve collaborative management of shared river basins

**ORNL Role:** Support evaluation, design and management

**2007 Progress:** Evaluation, Action Plan for Design, revised PMP, among deliverables completed

**ORNL Staff:** Tom Wilbanks, Keith Kline

**USAID Program**

**Key Partners:**

- Okavango Basin Commission (OKACOM)
- Southern Africa Development Community (SADC)

**Activities—TA & training**

- NRM governance
- Protocols for Water and Biodiversity
- Mechanism for dialogue (commissions of riparian states)
- Data collection and management

