

AfriAlliance Action Group: Integrated water resources management and ethics

Oghenekaro Nelso Odume **Rhodes University**























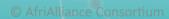












Project Overall Aim

- Water resources continue to deteriorate despite the adoption of IWRM and some progresses in policies, laws, monitoring progrommes etc
- Concurrently, poverty, inequality, social and environmental injustices still pervade the African continent.
- Fundamental shift in manageral attitude and policy is required balancing and trading off values.
- We propose a systemic-relational perspective to addressing some of these knotty issues
 - Social-ecological systems
 - Criteria for allocating water both to social and ecological constituencies
 - Where should the ultimate value be located? Social systems or ecological systems? Implications for policies and practice?
 - Project builds on Water Research Commission funded project in South Africa



Objectives

- Use the SR perspective to analyse and critique international case studies of IWRM, share lessons and synthesize knowledge for policy and practice
- Co-create knowledge and strategies for the application of the SR perspective to ethically-grounded water resource management – balancing water for livelihood security and environmental sustainability.
- Share the processes and methodology associated with the systemic-relational perspective with policy makers and demostrate the applicability of its orienting principles.
- Undertake the pilot testing of the hydrogen-sulphide test kits as a low-cost technology for testing the quality of greywater
- Organise a workshop at Southern Africa level for knowledge sharing and training for managers and policy makers on the SR perspective and approach.



Activities and expected results

- Inception webinar workshop
- Analysis of IWRM case studies.
- Organise Action Group specific knowledge sharing workshop.
- Engage with relevant stakeholders and policy makers with regard to water resources management in selected catchments – criteria for water allocations and balancing values – social economic and environmental sustainability.
- Write and share a technology transfer document, detailing how the SR perspective, process and approach can be
 used in IWRM.
- Identify and present at an appropriate conference.
- Select households in South Africa, Botswana and Morocco, and test the applicability of the hydrogen-sulphide test kits as a low-cost technology.
- Organise training workshops on greywater re-use
- Organise a Southern Africa training workshop on the SR ethically-grounded water resource management.

Impacts and localities

- Policy impacts
- Practice impacts

Potentially translate into ethicallygrounded better water resource management in the long-run

 South Africa, Botswana, Morocco, Spain and the Netherlands

