



National and Trans-boundary Water Resources Management in Africa

Session 1

National Water Information Systems: org mgt

Chair:

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Challenges

The constraints and difficulties confronting the management of water resources (at all levels) with respect to capacity building, monitoring, socio-economic activities, policy etc

- IWRM takes place at various levels and at each level there must be knowledge acquisition
- The problem of vandalism of water monitoring equipment possess a threat to use of real time technologies for monitoring
- Use of innovative technologies should go hand in hand with community education or knowledge transfer.
- Comprehensive and quality data in various aspects of IWRM is needed to convince decision makers of the consequences of inaction.
- Africa has low adaptive capacity to climate change and research is key in dealing with this issue considering the currently low funding allocated for funding research
- Basin organizations and affiliates need to link up with research institutions and universities in addressing indentified objectives

Challenges

What are the impact of emerging threats like climate change, uncontrolled urbanization and the global financial crisis on the management of water resources in Africa



Opportunities

Current and emerging initiatives, partnerships, mechanisms, projects, tools available for improving IWRM at the regional, national and basin and aquifer levels

Important Milestones Achieved

Known success stories and best practices and the implications for replicating, contextualizing and adapting such successful initiatives in order to improve the mgt of river basins and aquifers in other parts of Africa

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Key Messages & Action Plans

Highlight the key messages of the presentation and the recommendations arising from the issues discussed and the way forward. What is/are the next step (s). What is/are required ? What should be the roles of key stakeholders? What resources will be needed? What resources are available?

- Strong linkages should be established between research and training and IWRM institution and the need to strengthen capacity in this institutions.
- The importance of political support cannot be over emphasized.
- Research agenda should be made relevant as new financing schemes and options are explored.
- There should be increased awareness on the importance of research
- Replacement of staff on IWRM due for retirement are impeded by donor agency conditions that places a ban on employment of new staff. Mentoring of young staff in institutions is virtually non-existent