



USAID
FROM THE AMERICAN PEOPLE

SOUTHERN AFRICA

RESILIM : Resilience in the Limpopo River Basin Program



Research
Program on
Water, Land and
Ecosystems

Training Workshop 2 in the RAMOTSWA Project, 2nd circular:



Geophysics, Institutional Capacity Assessment and Information Management System for the RAMOTSWA Aquifer and Aquifer Area

Dates: 12 - 16 September, 2016

Venue: Protea Hotel, Mahikeng, South Africa

Introduction and Objectives

This 5-day Training Workshop is an integral component of the RAMOTSWA Project. It serves the purpose of increasing the capacity of the Project Team and Stakeholders in geophysics interpretation with a particular focus on Airborne Electro-Magnetic (AEM) method, institutional capacity assessment (self-assessment) for transboundary groundwater management and the mapping of environment and livelihood into the Information Management System. The Strategic Action Plan (SAP) will also be discussed.

The Training Program is organised by IWMI, in collaboration with RAMOTSWA partners XRI-Blue and IGRAC. It will be delivered in an interactive and participatory manner, as all participants, trainer or trainee, will have some expert knowledge on the topics at hand that everybody can learn from.

Maximum capacity: 50 participants

Objectives

1. To introduce geophysics methods and understand the interpretation process of an AEM survey
2. To present the results of the AEM survey of the RAMOTSWA area
3. To introduce and develop methodologies and tools for institutional self-assessment
4. To develop maps on environment and livelihood for the Ramotswa Information Management System (RIMS)
5. To introduce concepts and technologies for hydrogeological modelling and Managed Aquifer Recharge (MAR)
6. To discuss the Strategic Action Plan (SAP) of RAMOTSWA

Target audience

Project Teams, RIMS managers, Government officials, selected students, RESILIM partners

Trainers

Andrew Genco (XRI), Kristen Pierce (XRI), Geert-Jan Nijsten (IGRAC), Nicole Lefore (IWMI), Karen Grothe Villholth (IWMI), Yvan Altchenko (IWMI), Girma Ebrahim (IWMI) and Jonathan Lautze (IWMI)

Topics to be covered

- Geophysics methods
- AEM data acquisition and interpretation
- Hydrogeological modelling
- Introduction to Managed Aquifer Recharge
- Institutional capacity self-assessment methodology
- Mapping livelihood and environment for the RIMS
- Strategic Action Plan

Practical information

The RAMOTSWA national and university Project Partners as well as RESILIM are invited to nominate participants for the Training Program. The final decision on participant is at the discretion of the Project management team. The costs for attending (travel, accommodation and small per diem) will be covered by RAMOTSWA. For further information, please, contact Yvan Altchenko (y.altchenko@cgiar.org), tel. +27 12 845 9100. Further information on the RAMOTSWA Project is provided on the website <http://ramotswa.iwmi.org>.