

# AFRICA GROUNDWATER NETWORK

## WORKPLAN 2017



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## **AGW-NET WORKPLAN 2017**

### **Overview**

Due to lack of sufficient fund, AGWNET was not able to conduct the planned activities except one training course. However, the network has successfully implemented visibility activity at the Africa Water Week, held in Dar es Salaam (Tanzania), during the International Association of Hydrogeologists (IAH) Congress, held in Montpellier (France), and in the 35<sup>th</sup> International Geological Congress held in Cape Town. Similar visibility activity will be conducted in Abidjan (Cote d'Ivoire) at the 7<sup>th</sup> Forum of Rural Water Supply Network (RWSN). The network has also increased its membership to the current level of 413 in 2016.

The workplan for 2017 is divided into sections as follows:

- Network Management
- Network Development
- Short Courses / Case studies
- Training Materials
- Partnerships
- AGW-Net website
- Fund Raising
- Visibility Actions
- Budget for 2017

### **Network Management**

Since January 2015, Dr. Moustapha Diene has taken over as Network Manager of the Africa Groundwater Network.

## Network Development

*Membership.* Network membership has grown rapidly in the last 8 years to 361 in 2015. In 2016, the network planned to reach at least 400 memberships, at the end of 2016, this objective has been achieved and exceeded to a total membership of 413. The network will continue to increase this membership in the coming years through vigorous membership drive and other visibility programmes and activities.

### **Short Courses / Case studies**

Capacity building through short courses is a major activity of the AGWNET. The current priority is on capacity development in integration of Groundwater in River Basin Organizations (RBOs), which has attracted the attention of decision makers. This year, on July 20 a training course was organised focusing on this thematic, a similar one is expected to be held in late November in Abidjan, in collaboration with RWSN and BGR.

From October 31<sup>st</sup> to November the 4<sup>th</sup>, Lake Chad Basin Commission organised a Training of Trainers course based on the manual. AGW-Net Manager was invited to deliver in French.

In 2017, appropriate effort will be made to at least hold a couple of trainings with RBOs; the network will officially contact the secretariat of ANBO to initiate common capacity building activities. Also, sharing and presentation of case studies relating to groundwater will also be encouraged.

The following short courses have been identified for implementation in 2017.

1. **Bamako (Mali) or Ouagadougou (Burkina Faso)** Integration of Groundwater into Africa Basin organizations. Host: Moustapha Diene. French language course.
2. **ORASECOM (Namibia), ZAMCOM (Zambia) or LIMCOM (Mozambique):** Integration of Groundwater into Africa Basin organizations. Host: Tamiru Abiye, Daniel Nkhuwa, English language course

3. **Entebbe, Uganda:** Integration of Groundwater into River Basin Management for the Nile Basin and IGAD countries. Host: Callist Tindimugaya. English language course
4. **Nigeria and Zimbabwe:** Cost effective borehole drilling and borehole supervision. Host: Martin Eduvie, Richard Owen and partners. English language course
5. **Multiple Regions:** Enhanced Monitoring and Evaluation for Groundwater. Organizer: Mohamed Elrawady, AGW-Net steering committee member, Host CEDARE, English Language Course.

## Case study

1. Groundwater pollution management in urban areas (4 cities)
2. Coastal saline water intrusion (2 cities)
3. Groundwater and irrigation

## Training Materials

The dissemination of the RBO training manual is undergoing with BGR support. During the Africa Water Week in Dar es Salaam, as well as during the IAH Congress in Montpellier the manual was launched before a large audience composed of high level representatives of River Basin Organisations, International Association of Hydrogeologists, Africa Ministerial Council on Water (AMCOW), UNESCO, BGR, Africa Network of River Basins, NGOs, Rural Water Supply Network, WaterAid, various government agencies and civil society.

## Partnerships

- a) BGR – Federal Institute for Geosciences and Natural Resources (Germany): BGR has sponsored participants to the one-day training course, and supported as well organizational costs linked to the event. It is interested in implementing, through its projects dealing with RBOs, and together with AGW-Net a ToT course using material developed in the manual on “Integration of

Groundwater Management into Transboundary Basin Organizations in Africa”. BGR is also sponsoring flight tickets and accommodation of 2 facilitators of the November one-day course to be held in Abidjan.

- b) IWMI (International Water Management Institute): in 2015 the collaboration between IWMI and AGWNET was effective through planning, coordination and implementation of the preparation of the RBO training manual. In 2016, IWMI has participated in funding the one-day course in Dar es Salam, through its new initiative GRIPP (Groundwater Solutions Initiative for Policy and Practice). AGW-Net is co-partner of GRIPP and will collaborate with IWMI to scale up practical solutions for groundwater management.
- c) IAH (International Association of Hydrogeologists) through the Burden Network, has manifested willingness to participate in training courses funding. During the last 4 years, it took part to all training workshops implemented by AGW-Net. We do believe that this support will continue.
- d) Partnership with IGRAC will be strengthened to conduct case studies in 2017, and activity in groundwater monitoring.
- e) CRU-BN (in French Coordination Régionale des Usagers du Bassin du Niger – Regional Association of Niger Basin water users) was our major partner in implementing training courses since 2013. So far our partnership has resulted in holding 3 training events: Bamako and Porto Novo in 2013, and Ouagadougou in 2015. A training course was scheduled this year initially in Abidjan (Cote d'Ivoire) and then shifted to Bamako (Mali); but unfortunately, this has not come to the success due to lack of core support from CapNet.
- f) RWSN (Rural Water Supply Network) is a potential partner of AGW-Net in capacity building development. The last one-day course is of great interest for RWSN, and it will be implemented the same scheme during their 7<sup>th</sup> forum to be held in Abidjan (Cote d'Ivoire). RWSN is engaged in UPGro (Unlocking the Potential of Groundwater for the Poor), a seven-year international research programme (2013-2020) which focuses on improving the evidence base around groundwater availability and management in Sub-Saharan Africa (SSA). Two of Steering Committee members are nominated ambassadors of this programme (Callist Timdimugaya and Moustapha Diene), this should be an opportunity to widen the audience of AGW-Net through more diversified partnership.

- g) Partnership with CAPNET will continue with more joint activities in groundwater related trainings and case studies.

## **Web Site and E-Newsletters**

The AGW-Net website was successfully utilized to disseminate information to members and mobilize members to participate in the long term groundwater level data in Africa (lead University College London) and Africa Groundwater Atlas (BGS). The contacts in the website have been utilized to disseminate relevant information. We will continue to develop and disseminate information in 2017. The development of a web page, where members can upload abstracts or short descriptions of their current work, is also being considered.

## **Fund Raising**

As per the recommendation of the Fund raising task team, 7% of cost recovery will be made in all network activities.

## **Visibility Actions**

In 2016, AGW-Net SC members have participated in Africa Water Week, as well as IAH Congress, where the manual developed was launched. Our participation will be visible during the 7<sup>th</sup> forum of RWSN, as well as in Lake Chad Basin where 5 days ToT course will be held in October-November. The Network has participated also in the 35<sup>th</sup> International Geological Congress held in Cape Town this year.

In 2017, appropriate events will be searched and developed in order to represent the Network.

## The 2017 Budget

The budget for 2017 contains some readjustment in order to effectively use the allocated funds from CAPNET.

### A) AGW-Net Budget 2017 for core activities

Activity	Time	Unit cost USD	Total USD	Source of Funds
Network administration	Continuous (pm)	200	2,400	CapNet core grant
Web site and e-newsletter production and management, telephone, email communications	Continuous (pm)	150	1,800	CapNet core grant
Admin Assistant	Continuous (pm)	66.5	798	CapNet core grant
MELP	Annual	1,000	1,000	CapNet core grant
Steering Committee Meeting	Annual	6,000	6,000	CapNet core grant
Host Fee	Annual	5%	600	CapNet core grant
<b>Total</b>			<b>12,600</b>	<b>CapNet core grant</b>

## AGW-Net Budget for 2017 activities (training, case study)

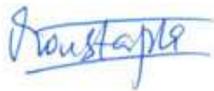
<b>Budget for Courses and project and case study</b>				
	Activity	Unit S	CapNet contribution per course	Total
Short Courses	<p>1. <b>Bamako (Mali) or Ouagadougou (Burkina Faso)</b> Integration of Groundwater into Africa Basin organizations. Host: Moustapha Diene. French language course.</p> <p>2. <b>ORASECOM (Namibia), ZAMCOM (Zambia) or LIMCOM (Mozambique):</b> Integration of Groundwater into Africa Basin organizations. Host: Tamiru Abiye, Daniel Nkhuwa, English language course</p> <p>3. <b>Entebbe, Uganda:</b> Integration of Groundwater into River Basin Management for the Nile Basin and IGAD countries. Host: Callist Tindimugaya. English language course</p> <p>4. <b>4. Nigeria and</b></p>	5	US\$15,000 per course	US\$75,000.00

	<p><b>Zimbabwe:</b> Cost effective borehole drilling and borehole supervision. Host: Martin Eduvie, Richard Owen and partners. English language course</p> <p><b>5. Multiple Regions:</b> Enhanced Monitoring and Evaluation for Groundwater. Organizer: Mohamed Elrawady, AGW-Net steering committee member, Host CEDARE, English Language Course.</p>			
Case Study	<ol style="list-style-type: none"> <li>1. Groundwater pollution management in urban areas (4 cities)</li> <li>2. Coastal saline water intrusion (2 cities)</li> <li>3. Groundwater and irrigation</li> </ol>	7	US\$2,500 each	US\$17,500.00
	<b>Total</b>			<b>US\$92,500.00</b>

## Summary

AGW-Net is a network with very limited funding but working on the continental level, where groundwater is a vital source of water especially for rural communities. Despite all obstacles, we have managed to raise our membership in 2016 and hope to attract more in the future, particularly in Western Africa. Our activity has reached to the level of RBOs who were managing surface water for the last one decade and now we are engaged on training on the integration of Groundwater at a River basin scale as per the declaration by AMCOW. The re-activation of the Africa Groundwater Commission should be an opportunity for the network, to be part of the whole strategy implemented by AMCOW to develop and manage groundwater in Africa.

Signed



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26 October 2016