

JRC Project JLP 1.5 SANWATC E	COUNTRY WORKSHOP DAILY ACTIVITIES								
THEME	1 Exchange/Share			2 GAPS -Identify/Fill- Field Trip			3 Site Suggestions / Action Plan		
TIME	§	TOPIC	BY	§	TOPIC	BY	§	TOPIC	BY
08:00		Registration	Local Staff		Registration	Local Staff		Logistics and arrangements for people departing	Local Staff
08:30									
09:00	1	Formal Welcome / Introductions /	Dean of the Faculty and local staff	10	Field Trip Brief / Info Pack	Host	14	Summary of Site Issues	Host
10:00		Group Photo and Break		11	Field Trip: Key Local / Country Gaps / Issues; Identify Links to WPT Issues; Shared learning via AK platform.	Host	15	Working on-Site Solution Suggestions; Links to WPT-Plenary	All
10:30	2	Project Intro & Results to Date-Part 1	Project Authors						
11:30	3	Results to Date-Part2 Summary							
12:00	4	Country Profile Presentation	Host			Host	16	Site Solution[s] - Summary	All
12:30		LUNCH			LUNCH			LUNCH	
13:30	5	2 invited Inputs [@15min - Govt, Academia]	Authors	12	Gaps - Identify, Prioritize, Design to Fill	Host	18	Workshop Summary [Actions, Resources, Champions] Groups within plenary	Groups
14:00	6	Media - Means & Examples	Local Media	13	Plenary- Gaps [all groups]	All			Plenary
15:00		Break					End of formal sessions - Mini Break		
15:30	7	AquaKnow [AK], EUWI Water Project Toolkit [WPT] Overview	CSIR						
16:30	8	Application of WPT Concepts within a Local setting	Groups						
17:30		Networking and Break before Dinner			Break			Break	
19:00	9	Dinner Mtg	Local Staff		Free Evening		FREE EVENING		
		Return to Hotels							

Agenda

NEPAD SOUTHERN AFRICA NETWORK OF WATER CENTERS OF EXCELLENCE

WATER GOVERNANCE WORKSHOP

FRIDAY 17 MAY 2013 MAPUTO, MOZAMBIQUE

The Eduardo Mondlane University hosted a country workshop to share knowledge on various issues of water development, utilisation and management in our country and the Southern African region. The workshop was organised under the auspices of the Southern African Network of Water Centres of Excellence (SANWATCE), which is an initiative of the New Partnership for Africa's Development (NEPAD). The Network was first established in March 2009 and currently comprises the Universities of Botswana, Eduardo Mondlane, Kwa-Zulu Natal, Malawi, Stellenbosch, Western Cape and Zambia, and the South African Council for Scientific and Industrial Research (CSIR). This network is supported by AMCOW and AMCOST and is one of five planned regional networks of water centres of excellence that will cover all of Africa.

The aim of the country workshop was to bring together key representatives of the country's water-sector institutions to assess and update research and development (R&D) capacity gaps in the country's water sector. This is in conformity with the ideals of the Network, which was established to promote cooperation and knowledge sharing among water research institutions and stakeholders towards securing adequate (quantity and quality) of water and managing the resource for national and regional development.

The meeting observed that the limited quantity of water stored and intensifying competition by agricultural, industrial, and domestic users will continue to put pressure on Mozambican ecosystems and their valuable water resources. There are multiple causes for this situation including; (i) the country not having enough storage to assure a year round supply to some regions and their important water users including industry, (ii) inadequate control of runoff and poor municipal planning creating severe socio-economic impacts from flooding (iii) lack of adequate groundwater resource development in rural areas and to counteract the impacts of droughts, (iv) water users not well informed regarding the actual cost and value of water so that they do not use existing water resources efficiently and (v) an important gap in the national water planning and management institutions which fail to consider the critical role of demand management and water reuse which can dramatically reduce the cost of providing water to end users. Further, the meeting identified the following key research and development gaps in the water sector's existing practices and institutional settings, which must be addressed in order 'to ensure that our people have fair access to the resource and related services regardless of their economic and social status'.

1. Analyze the water use demand by different users
 2. Illustrate the economic value of water to improve user efficiency and socio-economic conditions
 3. Determine the environmental impact of mining and sand extraction along rivers and recommend solutions
 4. Assess the applicability of different technical solutions to harvest and store water
 5. Examine different alternatives to combat aquatic plant growth in surface waters [Nutrient reduction]
 6. Analyze water quantity and quality at the border of our numerous international rivers
 7. Assess the impact of industrial discharge points on receiving streams' water quality and user health
 8. Develop/update river basin management planning on a regular and routine basis [every five years]
 9. Evaluate and recommend improved water use efficiency mechanisms for different end users
 10. Evaluate and recommend where and how to improve hydrometeorology infrastructure in the country
 11. Illustrate the economic impacts of floods and droughts [applying standard international methods]
 12. Evaluate the impact of existing Mozambican international agreements on providing adequate water resources
 13. Update water resource availability in the country, especially for groundwater and potential reuse and other alternatives
 14. Identify institutional models which efficiently coordinate water resources management and natural resource extraction.
- Therefore, for water to sustain lives and meet the socio-economic needs of the country's citizens, there are five key needs;
- (i) Implement applied research activities that acquire water availability and actual use data to improve management and inform decision makers in Mozambique about its water quality and quantity and the costs and efficiency of various uses,
 - (ii) where strategically critical to both protect and ensure national water security, install and operate robust systems to **continuously** monitor changes in land use, aquatic ecosystems and both the quality and quantity of water resources,
 - (iii) have a transparent and local water user-driven reporting system that uses pertinent analyses and assessment methods to depict water data and information that provides relevant and timely feedback to decision makers and stakeholders
- Commit new funding line items in the national budget to support these fundamental actions needed for sustainable water security in Mozambique, and

(iv) Develop programs for the development of the human resources base that is needed to support the water sector.

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