



**West Africa Network for Capacity Building
in Integrated Water Resources Management**

**Report of Monitoring and Evaluation Learning Project (MELP) on
Training workshop carried out for the North West Zone, Nigeria of the
National Water Resources Capacity Building Network**

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***Strengthening Institutions and Human Capacity for
Integrated Water Resources Management in West Africa.***

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1. INTRODUCTION

The West Africa Network for Capacity Building in Integrated Water Resource Management (WA-Net) is a regional network of capacity building institutions (CBIs) in West Africa, involved in education, training and research in Integrated Water Resource Management (IWRM). It emerged from the growing recognition that through partnership, institutions can build on the strength of partners to respond to capacity demands emerging in the water sector as a result of the implementation of IWRM. The formation of the network was initiated on 15th of February 2002 during the WA-Net co-coordinators meeting in Accra, Ghana after a presentation on the status of capacity building capabilities of three institutions in West Africa: EIER/ETSHER in Ouagadougou, National Water Resources Institute in Kaduna and DCE in Kumasi.

In order for WA-Net to respond to the demands and needs created in the water sector as a result of the implementation of IWRM in West Africa, the network will be working to:

Develop relevant courses/training programmes and training materials that meet the needs of water sector professionals, managers, policy maker's stakeholders in general;

- *Facilitate exchange of experience and capacity building materials between capacity building institutions in the region,*
- *Facilitate access of its members to global and regional information on IWRM*
- *Facilitate the development of project proposals and access to international funding and targeted strategic inputs of technical assistance*

WA-Net did not receive any funding for activities in 2013 and 2014 directly. However, there were some activities carried out by country members like Nigeria. A national workshop was conducted in 5 geopolitical zones in Nigeria. This report is on the monitoring of the impact in the Northwest Zone by the Zonal Coordinator of the National Water Resources for Capacity Building Network (NWRCBNET) held between 17th and 18th of December, 2013 at the NAERLS Conference Centre, Ahmadu Bello University (ABU), Zaria, Kaduna State.

2. LIST OF ACTIVITIES OF THE MONITORING PERIOD AND MAIN PARTNERS INVOLVED

This is the report of the monitoring activity on the training carried out from the 17th and 18th December 2013 for the North West Zone of the Capacity Building Network in collaboration with the National Water Resources Institute Kaduna Nigeria. In all, five workshops was organised and implemented in five geopolitical zones of Nigeria by the 5 partner universities on varying water issues in their areas. However, the workshop activity of the Northwest is reported for now. The workshop activities of the other four (4) universities will be reported in the next MELP reports including the EU IWRM workshops that were also organised in six States of Nigeria under the Water Supply and Sanitation Sector Reform Programme that WA-Net is monitoring..

Table 1: Details of the North West and South West workshops

Activity	Date	Place	Partners	Countries covered	Participants			Outcome monitoring done (Yes/No)
					M	F	Total	
North West Zone	17-18/12/2013	Ahmadu Bello University, Zaria (Siltation and reduction of reservoir life spans in relation to IWRM: problems and solutions)	NWRI, ABU, WA-Net	Nigeria	33	11	44	Yes
South West Zone	27 th -28 th Nov, 2013	University Agriculture Abeokuta (Climate Change and Integrated Water Resources Management)	NWRI, ABU, WA-Net	Nigeria	52			On- going. Will be reported later

3. MONITORING APPROACH, METHODS AND TOOLS USED

The methods used for the monitoring include administration of questionnaire, emails, telephone and discussions with some of the participants. Getting response from the participants has been a very difficult task hence telephone discussions were used for some of the participants to obtain their views.

4. RESULTS OF COURSE OUTCOMES MONITORING

A total of 19 participants responded representing about 44%. Details of the planning, papers presented and discussions are explained below.

4.1 PREPARATIONS FOR THE WORKSHOP

The planning, management and execution of the workshop was anchored by a planning committee in the Department of Water Resources, Ahmadu Bello University Zaria. Topics, which are peculiar to the Northwest geopolitical zone, were selected and highly experienced resource persons were identified.

The stakeholders broadly included:

1. Universities: Directors of Works/Water from Ahmadu Bello University, Zaria; Usmanu Danfodiyo University, Sokoto; Federal University, Dutsinma; Federal University, Dutse; Bayero University, Kano and Federal University, BirninKebbi.
2. River Basins: Sokoto-Rima and HadejiaJama'are River Basin Development Authorities.

3. State Water Boards: Kaduna, Kano, Katsina, Sokoto, Zamfara, Kebbi and Jigawa States.
4. Institutes: Institute of Agricultural Research (IAR); National Agricultural Extension Research and Liaison Services (NAERLS); Division of Agricultural Colleges (DAC), National Animal Production Research Institute (NAPRI) and, Centre for Energy Research and Training (CERT).
5. National Water Resources Institute, Kaduna.
6. Resources person and rapporteurs.
7. Press.
8. Principal Officers of Ahmadu Bello University, Zaria.
9. Representative of the Executive Director, National Water Resources Institute, Kaduna

4.2 THE WORKSHOP

The first day of the workshop commenced with registration of delegates at 9:00am. A total of forty-four participants registered for the workshop and each was given a workshop bag. This was followed by opening prayers, introduction of members of the high table, welcome address by the Coordinator of Northwest Zone of the NWRCBNET, Dr. D.B. Adie. The Chairman, Prof. A.A. Ramalan (Dean, Faculty of Engineering, ABU, Zaria), gave brief remarks and this was followed by remarks by the special guests of honour; Dr Olusanjo Bamgboye (Executive Director, National Water Resources Institute (NWRI), Kaduna) (represented by Mr. O.O. Oni, Ag. Director of Training of NWRI) and Prof. Abdullahi Mustapha (Vice Chancellor, ABU, Zaria) (represented by Prof. Kasimu A. Adamu, Dean of Faculty of Science).

After the tea break, two of the three technical papers were presented and discussed as follows:

First Technical Paper

Title: Siltation and reduction of reservoir life spans: problems and solutions

Speaker: Prof. K. Schoeneich, Department of Geology, Ahmadu Bello University, Zaria

Discussant: Prof. E. Iguisi, Director, Centre for Disaster Risk Management and Development Studies, Ahmadu Bello University, Zaria

Second Technical Paper

Title: Flood prediction, control, mitigation and IWRM

Speaker: Prof. O.D. Jimoh, Department of Civil Engineering,
Federal University of Technology, Minna

Discussant: Prof. O.F. Ati, Dean, Faculty of Arts, Management and
Social Science, Federal University, Dutsinma

After question and answer session, the day's activities closed at about 4:00pm.

The second day of the workshop commenced with opening prayers at 9:00am. This was followed by opening remarks by the Chairman of the day, Prof. O.D. Jimoh. Subsequently, the technical session commenced with the following:

Third Technical Paper

Title: Manpower Development for Data Acquisition, IWRM and Management in the Water Resources Sector

Speaker: Dr. W.A. Alayande, National Water Resources Institute, Kaduna

Discussant: Dr. M.A. Oyebode, Department of Agricultural Engineering, A.B.U, Zaria

Overall, the workshop was successful and there were no any negative incidences. The workshop was also covered by a number of media sources: Public Affairs Directorate of ABU, ABU FM Station, Leadership and Daily Trust newspapers.

4.3 ANALYSIS OF QUESTIONNAIRES OF FOLLOW-UP ON IWRM WORKSHOP AND SEMINAR ORGANIZED BY NWRI – NWRCBNet PARTNERS

1. How have you used the knowledge from the workshop to improve your own performance at work?

100% of the participants that responded indicated that they have used the knowledge acquired from the workshop to improve their work.

2. How have you shared the knowledge from the workshop to improve the performance of your organization?

All the participants that responded indicated that the knowledge gained from the workshop was shared in their organization. However, the way the knowledge was shared varied as shown in the table below:

S/No	Ways knowledge was shared	Respondents (%)
a.	Teaching and research	62.5
b.	Sensitization of colleagues on the subject	25
c.	Yes, but no indication of specific way	12.5
	Total	100

3. How have you spread the knowledge from the workshop to other people and institutions?

With respect to the above question, participants indicated that they have spread the knowledge gained from the workshop through the following means:

S/No	Means through which knowledge was spread	Respondents (%)
a.	Classroom teaching	50
b.	Sharing of information (workshop papers) with colleagues and students	37.5
c.	Yes, but no indication of specific means	12.5
	Total	100

4. Was any follow-up action taken regarding the decisions made/plan developed during the workshop?

Participants' response to the above question varied as follows:

i. Yes 25%

ii. No 50%

iii. Indifferent 25%

5. Do you see any impact arising from the workshop?

87.5% of the participants mentioned that the workshop has enhanced their knowledge on environmental issues and water resources management while 12.5% were indifferent.

6. General comment on the relevance, awareness creation, and management of Nigeria's water resources.

100% of the participants were of the opinion that the workshop has created awareness and enhanced their understanding of water resources and environmental issues better than before the workshop.

5. NETWORK SELF ASSESSMENT, KNOWLEDGE PRODUCTS AND MEETINGS.

No support received from cap-net. The issue of self assessment cannot be carried out now.

6. LESSONS LEARNED

The major problem of MELP is in the area of getting participants that attended workshops to response to questionnaires sent to them. MELP will be more active when normal trainings are supported by Cap-net.

7. SUMMARY/CONCLUSION

MELP is a very important tool in the monitoring and evaluation of IWRM training and other activities. It assists in the tracking of participants that have participated in past trainings and this tool will continue to be relevant in capacity development of Networks especially in the area of shared knowledge.



NATIONAL WATER RESOURCES CAPACITY BUILDING NETWORK (NWRCBNET) NORTH WEST ZONE WORKSHOP AT A.B.U. ZARIA 17/12/2013



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