



The Regional Centre on Capacity Development and Research in Water Harvesting



Biennial Report by UNESCO's Water-related Centres on activities related to the IHP in the period (June 2014 – May 2016)

1. Basic information on the centre

Name of the Centre		The Regional Centre on Capacity Development and Research in Water Harvesting
Name of Director		Ahmed ELTayeb Ahmed ELHassan
Name and title of contact person (for cooperation)		Dr. Ahmed ELTayeb Ahmed ELHassan
E-mail		ahmed_eltayeb2000@yahoo.com
Address		Building No (237), Arak City, Madani Street, Khartoum, Sudan
Website		-
Location of centre		city/town _ Khartoum _ country _ Sudan _
Geographic orientation		<input type="checkbox"/> global <input checked="" type="checkbox"/> regional
Region(s) (for regional centres)		Africa, Arab States (Globally: G-WADI Activities)
Year of establishment		2014
Year of renewal assessment		-
Signature date of most recent Agreement		4/12/2014
Themes of activities during reporting period	Focal Areas	<input type="checkbox"/> groundwater <input type="checkbox"/> urban water management <input type="checkbox"/> rural water management <input checked="" type="checkbox"/> arid / semi-arid zones <input type="checkbox"/> humid tropics <input type="checkbox"/> cryosphere (snow, ice, glaciers) <input type="checkbox"/> water related disasters (drought/floods) <input type="checkbox"/> Erosion/sedimentation, and landslides <input type="checkbox"/> ecohydrology/ecosystems <input type="checkbox"/> water law and policy <input type="checkbox"/> social/cultural/gender dimension of water <input type="checkbox"/> transboundary river basins/ aquifers <input type="checkbox"/> mathematical modelling <input type="checkbox"/> hydroinformatics <input type="checkbox"/> remote sensing/GIS <input type="checkbox"/> IWRM <input type="checkbox"/> Watershed processes/management <input type="checkbox"/> global and change and impact assessment <input type="checkbox"/> mathematical modelling <input checked="" type="checkbox"/> water education <input type="checkbox"/> water quality <input type="checkbox"/> nano-technology <input type="checkbox"/> waste water management/re-use <input type="checkbox"/> water/energy/food nexus <input type="checkbox"/> water systems and infrastructure <input checked="" type="checkbox"/> other: (please specify): Water Harvesting
	Scope of Activities	<input type="checkbox"/> vocational training <input type="checkbox"/> postgraduate education <input type="checkbox"/> continuing education

	<input type="checkbox"/> public outreach <input checked="" type="checkbox"/> research <input checked="" type="checkbox"/> institutional capacity-building <input type="checkbox"/> advising/ consulting <input type="checkbox"/> software development <input type="checkbox"/> data-sets/data-bases development <input type="checkbox"/> other: (please specify):
Support bodies	Ministry of Water Resources, Irrigation and Electricity
Hosting organization	-
Sources of financial support	<ul style="list-style-type: none"> • Ministry of Finance and Economic Planning • Ministry of Water Resources, Irrigation and Electricity • Ministry of Higher Education and Scientific Research
Existing networks and cooperation	<p>Signing Memorandums of Understanding (MoU) with:</p> <ul style="list-style-type: none"> • Centre for Water for Sustainable Development and Adaptation to Climate Change (WSDAC), Serbia. • International Centre for Water Resources and Global Change (ICWRGC), Germany. <p>Processing to sign Memorandums of Understanding (MoU) with:</p> <ul style="list-style-type: none"> • International Research and Training Centre on Erosion and Sedimentation (IRTCES), China. • Cold and Arid Regions Environmental and Engineering Research Institute (CAREERI), China. • Chinese Academy of Sciences (CAS), China. • International Centre for Water Hazard and Risk Management (ICHARM), Japan. • Regional Centre for Integrated River Basin Management (RC-IRBM), Nigeria.
Governance	<input checked="" type="checkbox"/> director and governing board <input type="checkbox"/> other: (please specify) _____ Link to election of board members to the IHP Intergovernmental Council (IGC) and hosting country IHP National Committee _____ Frequency of meetings: once every 1 year(s) <input checked="" type="checkbox"/> Existence of UNESCO presence at meetings
Institutional affiliation of director	Ministry of Water Resources, Irrigation and Electricity
Number of staff and types of staff	Under formation.
Annual turnover budget in USD	Not yet processed in the Government Budget formally. But the Ministry of Water Resources spent generously 150, 000 USD to the establishment of the center and it's activities.

2. Activities undertaken in the framework of IHP in the period June 2014 – May 2016

- 2.1 Training Program (*Advances in Water Resources Management in Arid and Semi-Arid Areas: A G-Wadi Approach*). February 2016. Khartoum, Sudan.
- 2.2 Arab IHP – National Commissions Coordination Initiative & Web site Development Training Program (Arab IHP and Regional G-Wadis). June 2015, Khartoum, Sudan.

3. Collaboration and linkages

- UNESCO Science Centres Coordination Meeting (May 2016). Beijing, China.
- 15th Regional Meeting of the Arab IHP National Committees. (November 2015) Sharm Shiekh, Egypt.
- UNESCO Category-II Centres Meeting, (December 2014), Koblenz, Germany
- UNESCO Strategic and High-Level Meeting on Water Security and Cooperation (September 2013), Nairobi, Kenya.
- Regional Meeting for the Arab IHP National Committees on Arab Transboundary Water cooperation: Vision, Challenges and action. (October 2013). Rabat, Morocco

4. Communication.

- 4.1 Developing communication and cooperation platform between Arab IHP, Arab G-Wadi's and African G-Wadi's in the form of website. In collaboration with UNESCO office in Cairo
- 4.2 Working on Water Harvesting Manual with Water Research Center, of the University of Khartoum.

Working on Water Harvesting Manual with Water Harvesting Center, of the University of Nyala.

5. Update on Centre Operations

- 5.1 The Establishment of the Governing Board (GB) is now processing, and it is chaired by H.E Minister of Water Resources, Irrigation and Electricity.

6. Evidence of the Centre's Impacts

- 6.1 Leading the Coordination Initiative of Arab IHP and Regional G-Wadis through a website that aims to facilitate the interaction and joint programming through networking between the Arab and African IHP bodies. The Training Program was held in Khartoum (June 2015) and attended by twenty-three participants, from Egypt, Oman, Jordan, Ethiopia, Kenya, Nigeria and Sudan.

- 7. Future activities that will contribute directly to IHP and/or to WWAP**
Future plans of the center are currently under development.
- 8. Annexes**
 - 8.1 List of training courses conducted

Annex 1

List of training courses conducted

1. Advances in Water Resources Management in Arid and Semi-Arid Areas: A G-Wadi Approach). February 2016. Khartoum, Sudan.
2. Website Development Training program. June 2015. Khartoum, Sudan.