



UN-Water Decade Programme on Capacity Development
UNW-DPC

Capacity Development for Sustainable use of Natural Resources in Africa

Celebrating the 25th Anniversary of UNU-INRA

Dr. Jens Liebe

International Conference on Sustainable Development of Natural Resources in Africa

7 December 2011

Accra, Ghana

Objectives of UN WATER

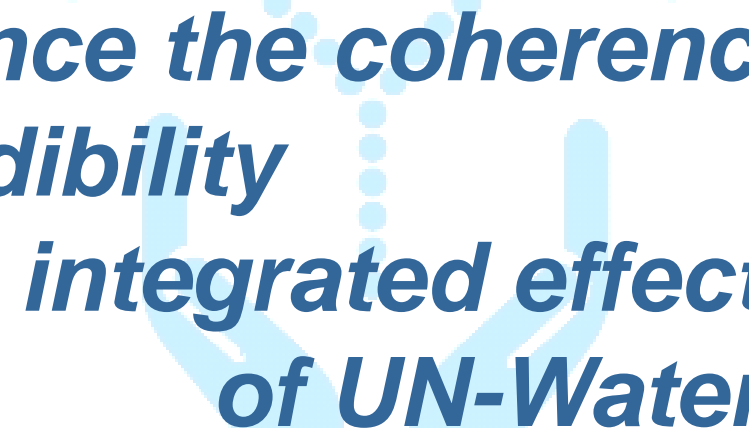
- *Promote coherence* & coordination of UN actions
- Complement and *add value* to existing activities
- *Enhance efficiency* and avoid overlaps





UNW-DPC's Mission

UNW-DPC



*“to **enhance the coherence, credibility and integrated effectiveness of UN-Water***

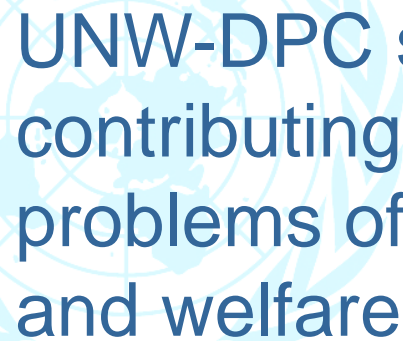
by strengthening its capacity development programmes, particularly in developing countries and economies in transition.”

WATER FOR LIFE

2005 – 2015

UNW-DPC: integral part of the UNU system

UNW-DPC



UNW-DPC supports the UNU in contributing to resolve the pressing global problems of human survival, development and welfare.

Through

- collaborative research,
- capacity development, and
- advisory services



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UNW-DPC work plan

1. Improve synergy, and strategic and operational **coherence** of UN-Water
2. Strengthen technical and policy **guidance** of UN-Water and contribute to the “professionalization” of water governance and management
3. **Cooperate** with other UN-Water programmes
4. **Support** UN-Water and its members in general, in particular its Task Forces, Thematic Priority Areas (TPAs) and other coordinated activities of UN-Water members

UNW-DPC Capacity Development

UNW-DPC



UNW-DPC Areas of Activity

UNW-DPC

all areas of priority to UN-Water:

Transboundary Waters

Health, Sanitation &
Drinking Water

Climate Change &
Disaster Risk Management

Gender and Water

Water Scarcity

Capacity Development

Integrated Water Resource
Management

Africa: A region
for priority action

Africa: a region for priority action

Acknowledgment of great challenges for Africa, e.g., in the sectors of

- *Health*
- *Sanitation*
- *Drinking water quality*
- *Freshwater sustainability*
- *Water efficiency in agriculture*
- *Environmental sustainability (e.g. MDG 7)*
- *...*



Special Session on:

Research and capacity development on water resources management by the United Nations University

>> *Focus on Africa*

UNW-DPC



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This special session is presented by the following entities of United Nations University (UNU):

UNU-EHS
UNU-INWEH
UNU-INRA
UNU-FTP
UNU-FLORES
UNW-DPC

12th WaterNet | WARFSA | GWP-SA Symposium
Maputo, Mozambique · 26 October 2011

- **Climate Change Hydro-Conflict and Human Security (CLICO)**
Prof. Jakob Rhyner, Director of UNU-EHS, Bonn, Germany
- **Where is the Capacity to Meet the East African Water Crisis?**
Dr. Zafar Adeel, Director of UNU-INWEH, Hamilton, Canada
- **Harnessing water resources in Africa: The case of threatened lakes**
Dr. Elias Ayuk, Director of UNU-INRA, Accra, Ghana
- **Strengthening capacity of key fisheries in sub-Saharan Africa**
Mr. Thor Asgeirsson, Deputy / Programme Director of UNU-FTP, Reykjavik, Iceland
- **New UNU Institute for Integrated Management of Material Fluxes and Resources (UNU-FLORES in Dresden / Maputo): twinning concept**
Dr. Reza Ardakanian, UNU Focal Point on establishment of UNU-FLORES
- **Capacity Development in the Water Sector in Africa**
Dr. Jens Liebe, UNW-DPC, Bonn, Germany

ORGANIZED BY:



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2005-2015

UN WATER

UNW-DPC is hosted by the
United Nations University (UNU)

“The Water, Energy and Food Security Nexus: Solutions for the Green Economy”

10th Bonn Dialogue
15 November 2011, Bonn, Germany

Bonn2011 Conference
The Water, Energy and Food Security Nexus
Solutions for the Green Economy
16–18 November 2011



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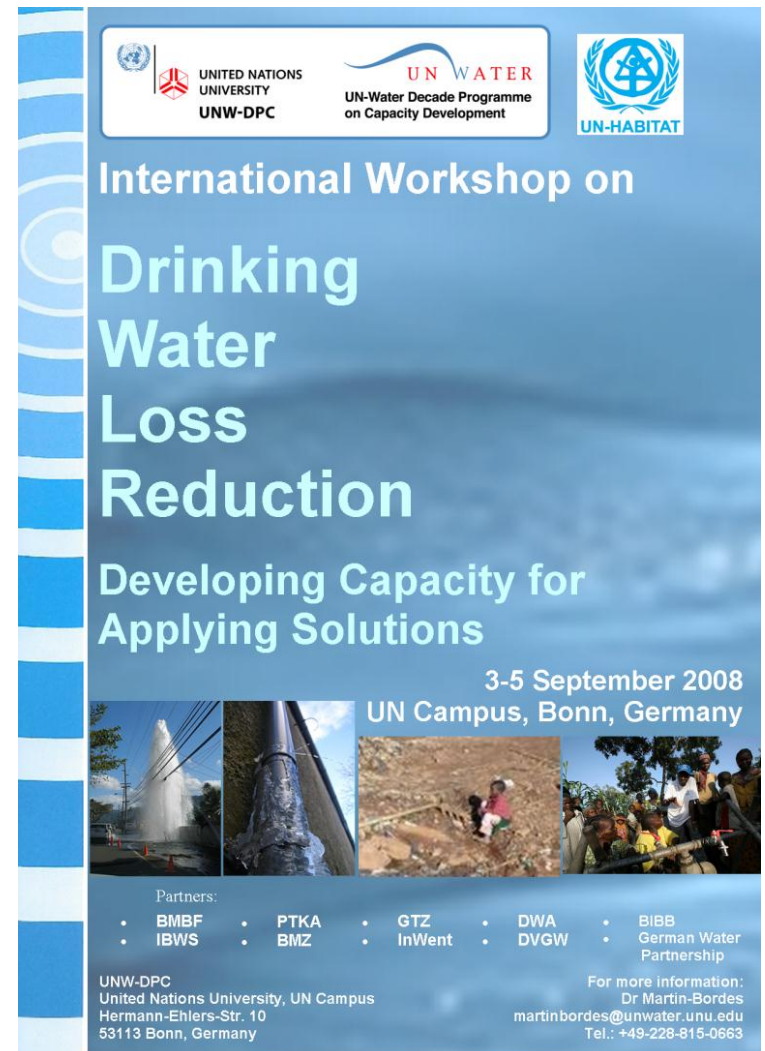


UNU in Bonn, DKKV (lead organization UNW-DPC)

Example: UNW-DPC support sequence on Drinking Water Loss Reduction

1. International workshop

- Raise awareness
- Determine level of stakeholder interest
- Identify stakeholders' experience, assess key issues and action-oriented tasks
- Publish report as baseline for regional meetings



The poster features a blue background with a white globe graphic on the left. At the top, it displays logos for the United Nations University UNW-DPC, UN-WATER (UN-Water Decade Programme on Capacity Development), and UN-HABITAT. The main title is 'International Workshop on Drinking Water Loss Reduction' in large, bold, white and light blue text. Below the title is the subtitle 'Developing Capacity for Applying Solutions'. The dates and location are '3-5 September 2008, UN Campus, Bonn, Germany'. A row of four small images shows water spraying from a pipe, a leaking pipe, a person digging for a pipe, and a group of people. At the bottom, a list of partners is provided, followed by contact information for UNW-DPC and Dr. Martin-Bordes.

Logos: UNITED NATIONS UNIVERSITY UNW-DPC, UN-WATER UN-Water Decade Programme on Capacity Development, UN-HABITAT

International Workshop on
Drinking Water Loss Reduction
Developing Capacity for Applying Solutions

3-5 September 2008
UN Campus, Bonn, Germany

Partners:

- BMBF
- IBWS
- PTKA
- BMZ
- GTZ
- InWent
- DWA
- DVGW
- BIBB
- German Water Partnership

UNW-DPC
United Nations University, UN Campus
Hermann-Ehlers-Str. 10
53113 Bonn, Germany

For more information:
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Tel.: +49-228-815-0663

2. Series of Regional Drinking Water Loss Reduction Workshops, together with UN-Habitat and local partners

UNW-DPC

Proceedings of the
1st Regional Workshop on
Water Loss Reduction in
Water & Sanitation Utilities
Latin American Countries

2-4 November 2009 Leon, Mexico

Editor: José Luis Martin-Bordes

Proceedings of the
2nd Regional Workshop on
Water Loss Reduction in
Water & Sanitation Utilities
South East European Countries

16-18 November 2009, Sofia, Bulgaria

Proceedings of the
3rd Regional Activity on
Non-Revenue Water Management:
Solutions for Drinking Water Loss Reduction
Arab Countries

3rd ACWUA Best Practices Conference

20-21 January 2010, Rabat, Morocco

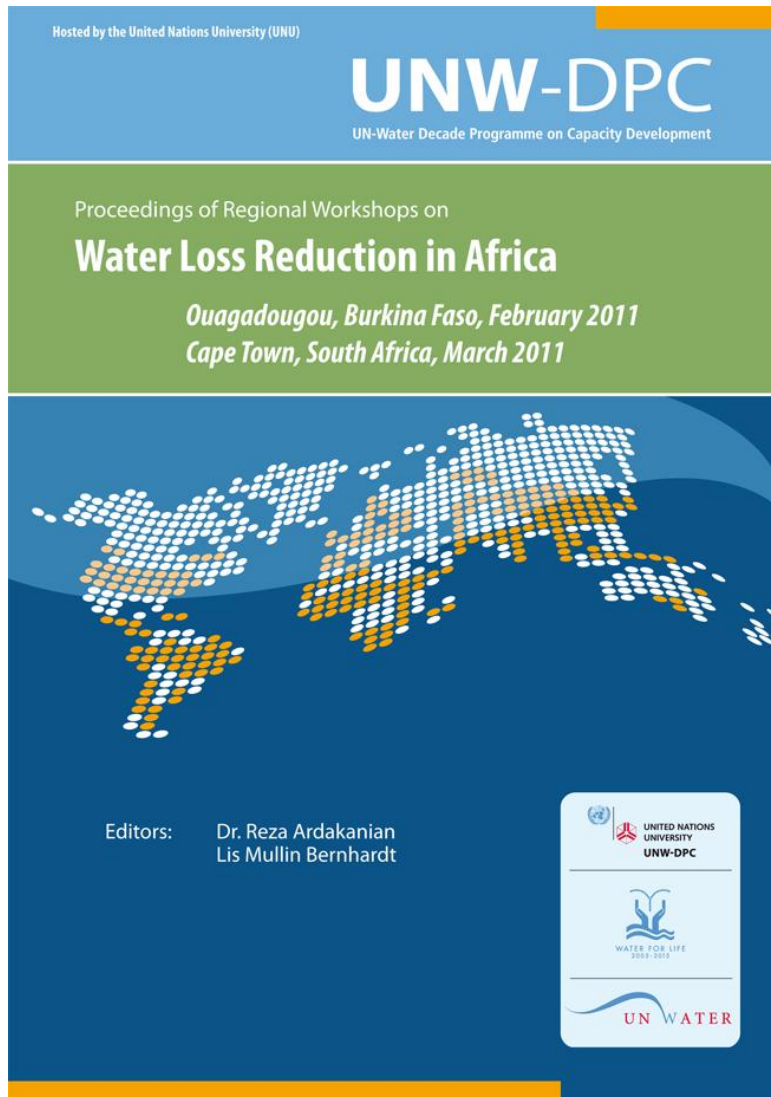
*Co-editors: Reza Ardakanian
José Luis Martin-Bordes*

Proceedings No. 3
UNW-DPC Publication Series



3. Further awareness raising

UNW-DPC

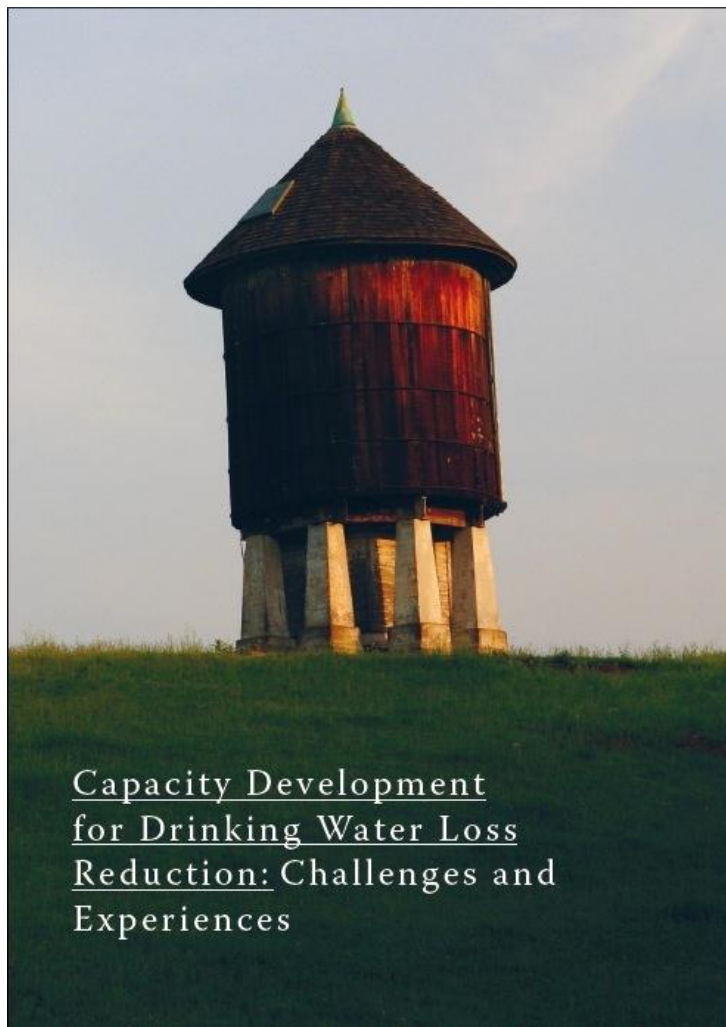


Seminar on "Capacity Building for Non Revenue Water Loss Reduction: an Africa Perspective"

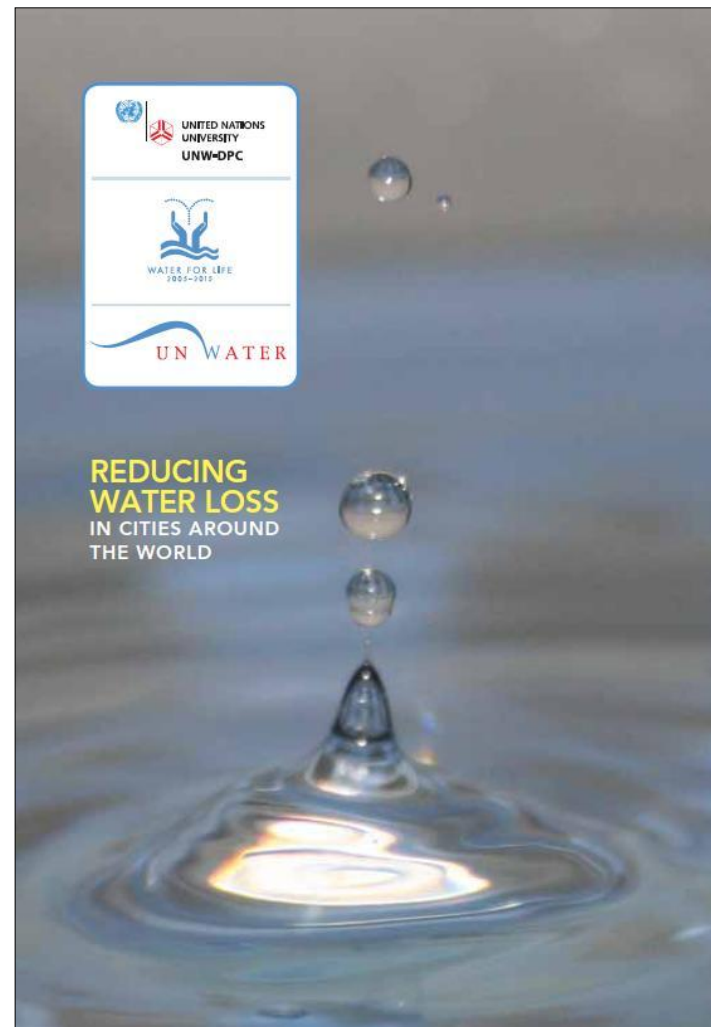
Book and Video launch



UNW-DPC



Capacity Development
for Drinking Water Loss
Reduction: Challenges and
Experiences



Launched at the World Water Day 2011 in Cape Town



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UN WATER

Bonn2011 Conference
The Water, Energy and Food Security Nexus
Solutions for the Green Economy
16–18 November 2011



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International Kick-Off
Workshop on:

Safe Use of Wastewater in Agriculture

Participating countries: Algeria, Bolivia, Colombia, Egypt, Ghana, Guatemala, India, Iran, Jordan, Lebanon, Morocco, Pakistan, Peru, Senegal, South Africa, Syria and Tunisia

REGIONAL WORKSHOPS TO FOLLOW IN: AFRICA • ASIA • LATIN AMERICA

Why bother using wastewater?

Underutilized resource with many benefits

Farmers

- Water all year round
- Nutrients & organic matter
- Avoid pumping costs

Cities

- Food Security
- Low-cost treatment

Environment

- Reduced pollution
- Reduced freshwater abstraction
- Lower C foot print

Use of untreated or partially treated WW

50 Countries • 5-20 million hectares • Trend ↗

Key questions

How can WW be used so that it is *safe*?

Is it *economical*?

(Javier Mateo-Sagasta, FAO)

Phases in Stage I: Capacity building at the individual/organization level

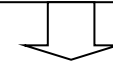
Phase I:
Individual Capacity Needs
Assessment (CNA)

Phase II:
International workshop
November 2011

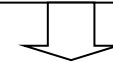
Phase III:
Regional workshops
February to September 2012

Phase IV:
Wrap-up workshop
~ March 2013

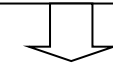
National Reports



Gap Assessment



**Capacity building action plan at
the individual/organization level**



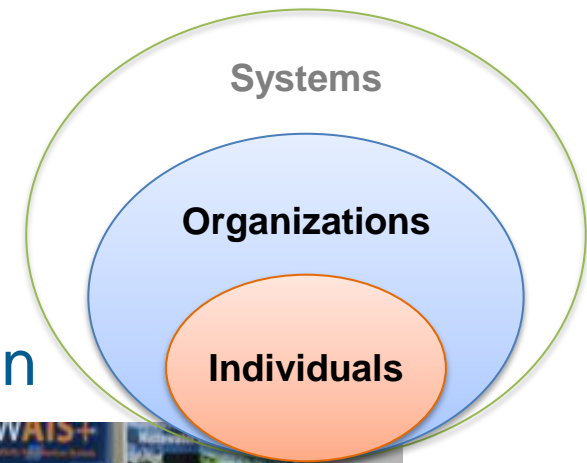
**Implementation of
Recommended
Actions**

**New CNA at the
intitution/system level**

Goal of Stage I

Qualified people in **key organizations** to **formulate the right policies** and **put into practice the safe use of wastewater in agriculture.**

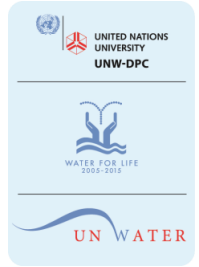
- Materials and methods
- Identified experts
- Dissemination strategy
- Capacity building action plan





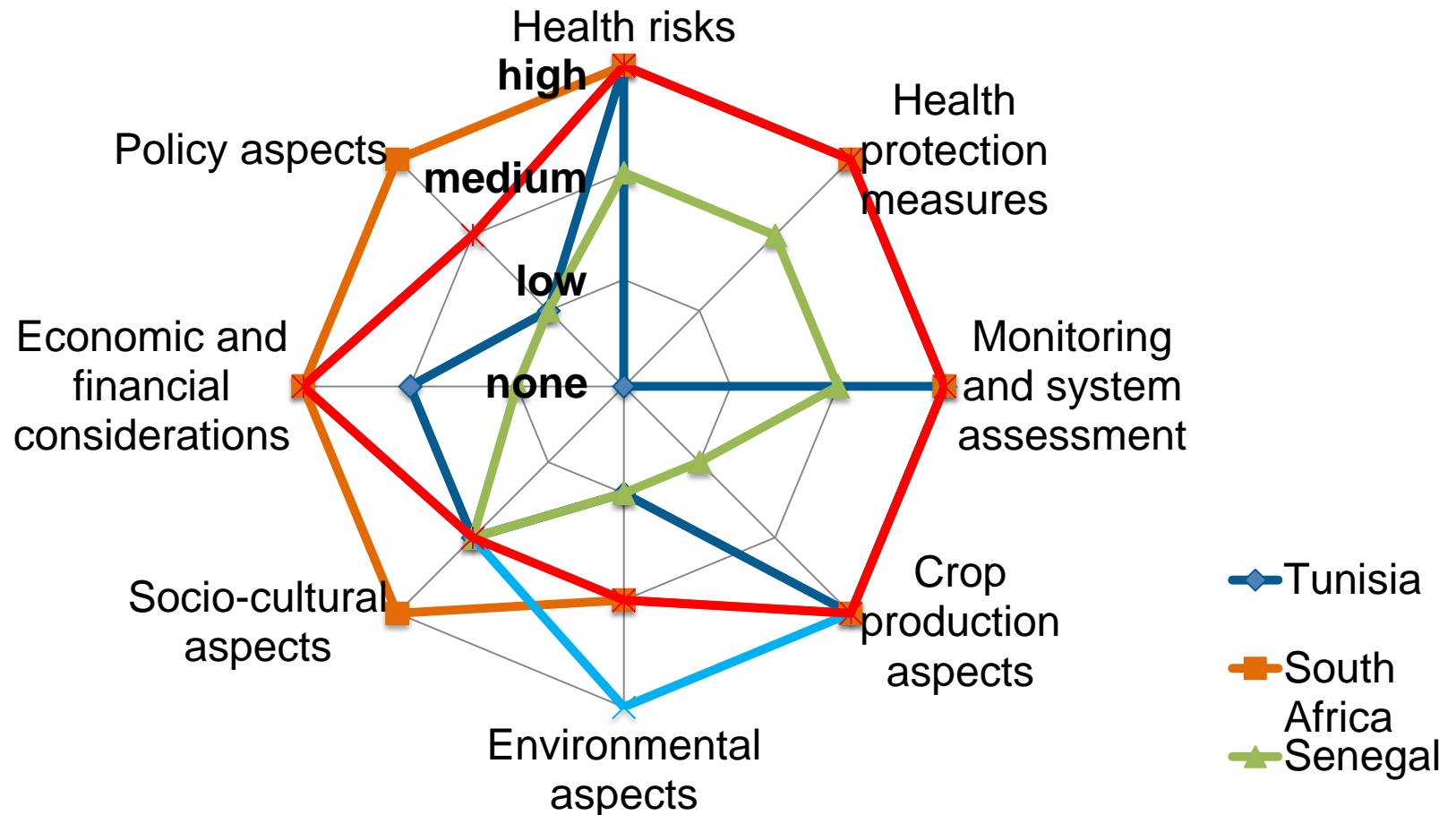
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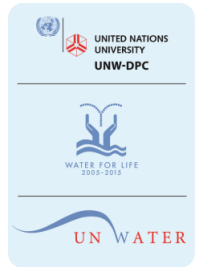
Knowledge & capacity needs: *Africa Group*





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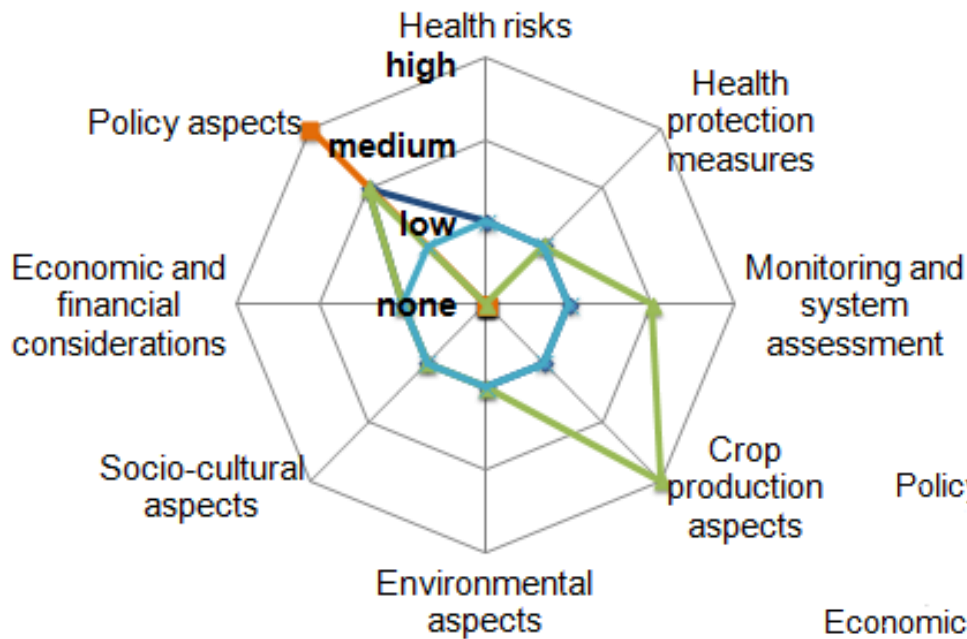
UNU-INWEH



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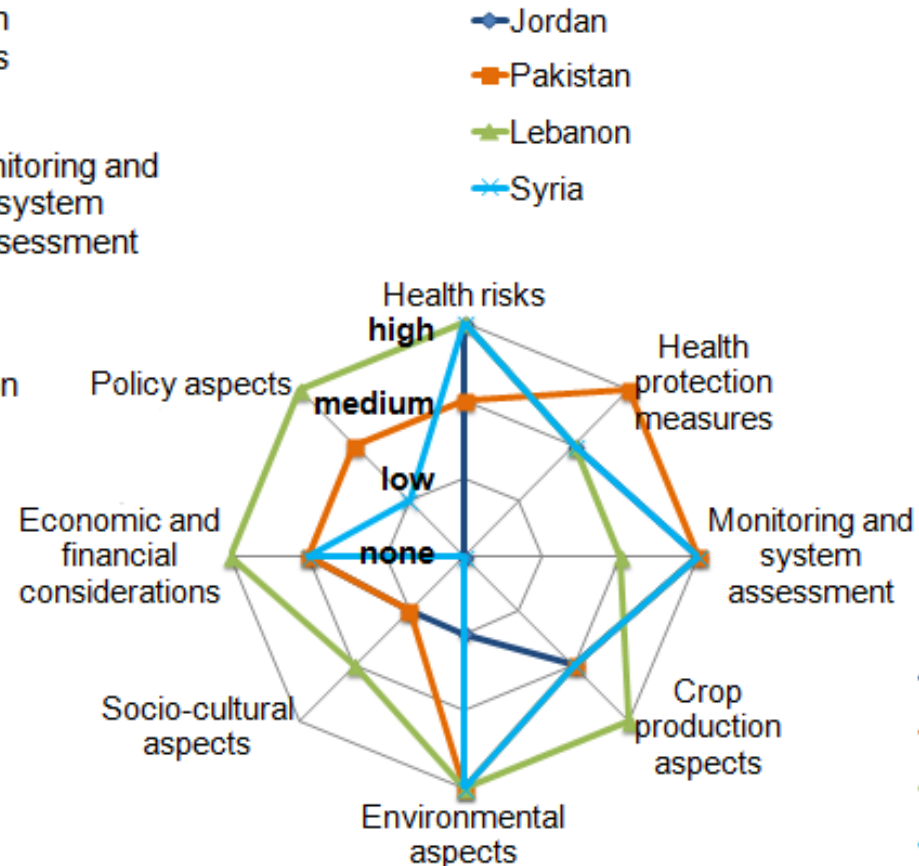
Knowledge & capacity needs:

Asia Group



Latin America Group

- Peru
- Colombia (MADR)
- Colombia
- Guatemala



UNWAIS+

Discover, learn, and share!

UNW-DPC

Launched by
Dr. Zafar Adeel
Chair of UN-Water,
Director of UNU-INWEH

11:30-12:15
Launch of UNW-AIS+
Room Nr. 1916
UN-Campus Bonn

UN WATER

UNWAIS+

UN-Water Activity Information System

Discover, learn and share!



November 14, 2011

<http://www.ais.unwater.org/>

Discover, learn, and share!

UNW-DPC



UNWAIS+
UN-Water Activity Information System

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Projects

Publications

eTraining

Forums

Projects

AIS projects component allows members and partners of UN-Water to keep abreast of what their sister agencies are doing and keeps the constituents of UN-Water informed about on-going efforts related to various water topics around the world. The included projects/activities are collected after several mapping of the UN Water common activities with support of different TPAs (transboundary waters, climate change and water quality).

[Visit the link](#) >>



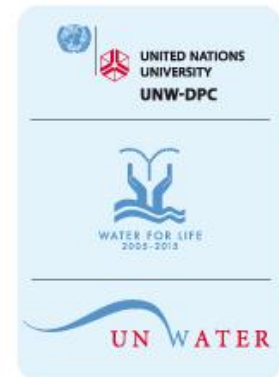
The UN-Water Activity Information System Plus (UNWAIS+), developed by the UN-Water Decade Programme on Capacity Development (UNW-DPC), is an integrated online tool for storing, updating and sharing information (web-based content, documents and multimedia) on existing water-related projects, eTraining tools and other activities carried out by UN-Water members, partners and associated programmes.

Now in a new test version, the UNWAIS+ is being expanded from a database of specific activities related to transboundary water, water quality and climate change to also include activities in other fields related to water, with new sections on projects, publications, eTraining tools and forums.

These new additions make the UNWAIS+ an easy and accessible platform for capacity development tools to be used for sharing knowledge among UN-Water members, partners and programmes, and to engage in "learning by sharing". It has a modular architecture, and is therefore able to expand to include new features and components of use to UNW members.



UNWAIS+ is managed by
UNW-DPC





Topic outline



Beginning

- UN-Water Members
- UN-Water Partners
- UN-Water History
- Strategic Directions
- Scope of UN-Water
- UN-Water Programmes
- Major Outputs
- Major Outputs (2)
- World Water Day
- Key Impacts of Our Work
- Focus on MDG's
- Upcoming Actions by UN-Water
- Conclusion

UN-Water & Institutional Capacity Development



eLectures

Dr. Zafar ADEEL
 Chair, UN-Water
 Director, UNU Institute for Water,
 Environment and Health



00:12 / 18:15



Bonn Dialogues poster



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2005-2015

UN WATER

Feedback Form

Search forums

Go

Advanced search

Upcoming events

There are no upcoming

Happy birthday, UNU-INRA & Thank you!

UNW-DPC



**UN-Water Decade Programme
on Capacity Development
(UNW-DPC)**

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