



UN-Water Decade Programme on Capacity Development
UNW-DPC

Regional Workshop: West and Central African Countries

UN-Water Initiative
WMO, UNCCD, FAO, CBD and UNW-DPC

Capacity Development to Support National Drought Management Policies

Dr. Daniel Tsegai
Programme Officer
UN-Water Decade Programme on Capacity Development (UNW-DPC)
Bonn, Germany

04-07 May 2015, Accra, Ghana

About UN-Water

UNW-DPC



Drought: Basic Facts

- **Drought ranks first** among all natural hazards (Bryant, 1991) (based on severity, duration, spatial extent, life/economic loss & other measures).
- Impacts of drought include loss of human life, reduced crop production & water levels, increased livestock & wildlife death rates, & drastic socioeconomic and environmental impacts.
- Significant implications for food security, water scarcity & energy.
- Climate change is likely to shift the patterns of droughts & possibly to increase the frequency & severity of extreme drought conditions.



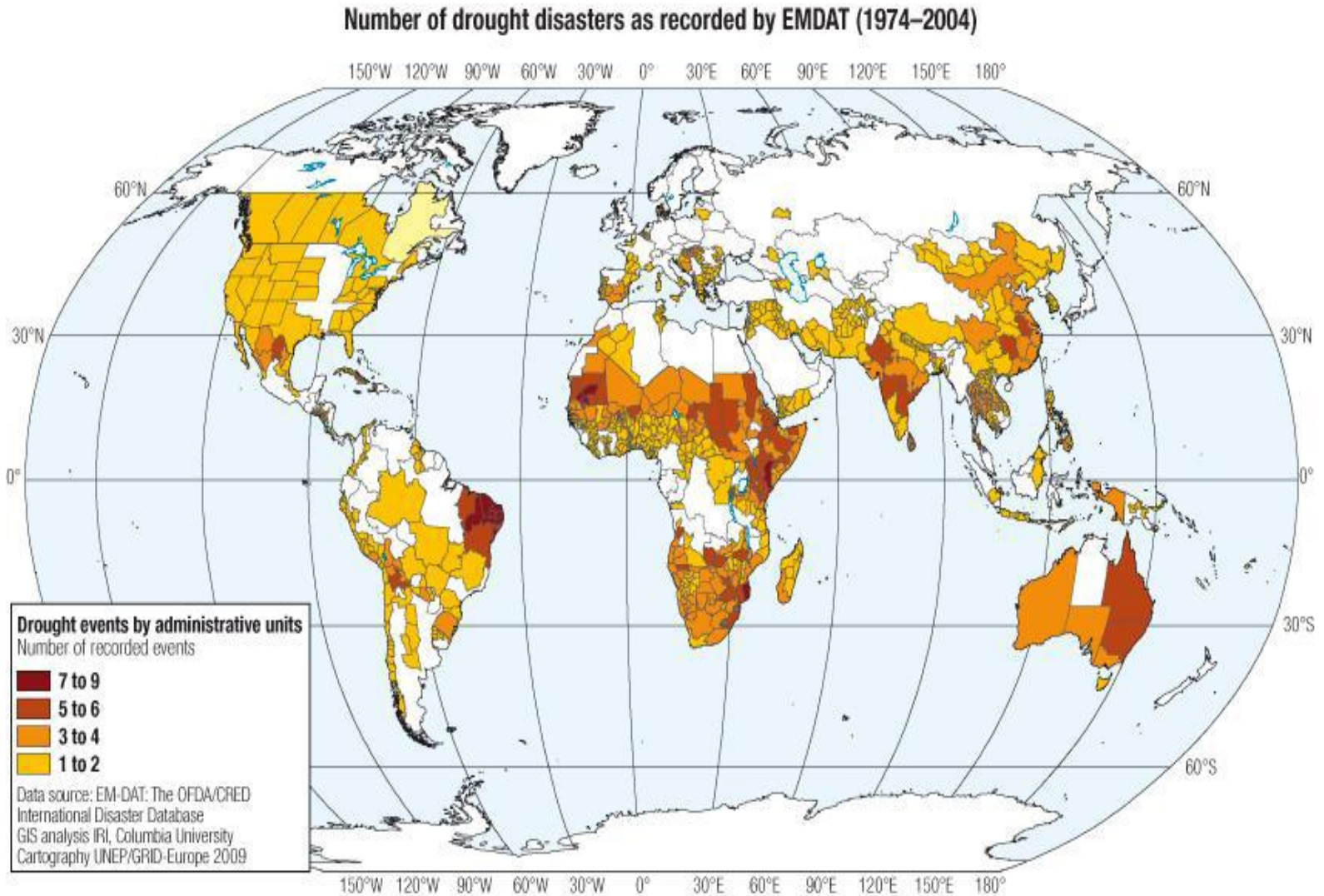
Image source: Sivakumar, K.M.

Causes of concern . . .



- Predominance of **proactive/disaster response/crisis management** over **proactive/risk-based** drought management approaches
- The problem of **making distinction** b/n general development activities & 'drought preparedness' to identify specific drought related problems
- Failure to **recognize the need** of developing drought management policies at country level taking into account long-term issues
- Country-level **lack of collaboration among sectors & poor coordination** among 'drought concerned' institutions

Drought affects almost all climatic regions . . .



Source: UNISDR (2011)

Survey on Drought

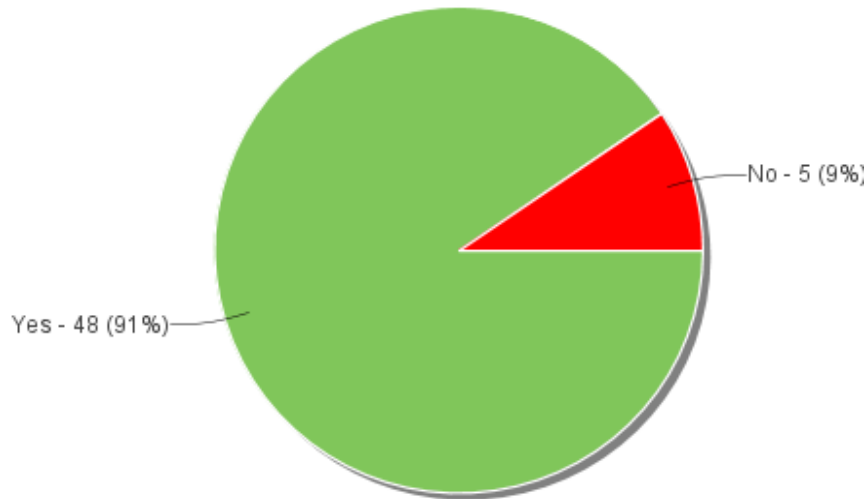
(conducted during the HMNDP, March 2013)

Response from representatives of 42 countries



Capacity Development to Support
**National
DROUGHT**
Management Policies

Has your country encountered drought in the last 10 years?



If yes, how often in the last 10 years?

Frequency of drought	Percentages
1 - 2	33%
3 - 5	50%
6 - 10	12%
> 10	4%

Survey on Drought (March 2013)

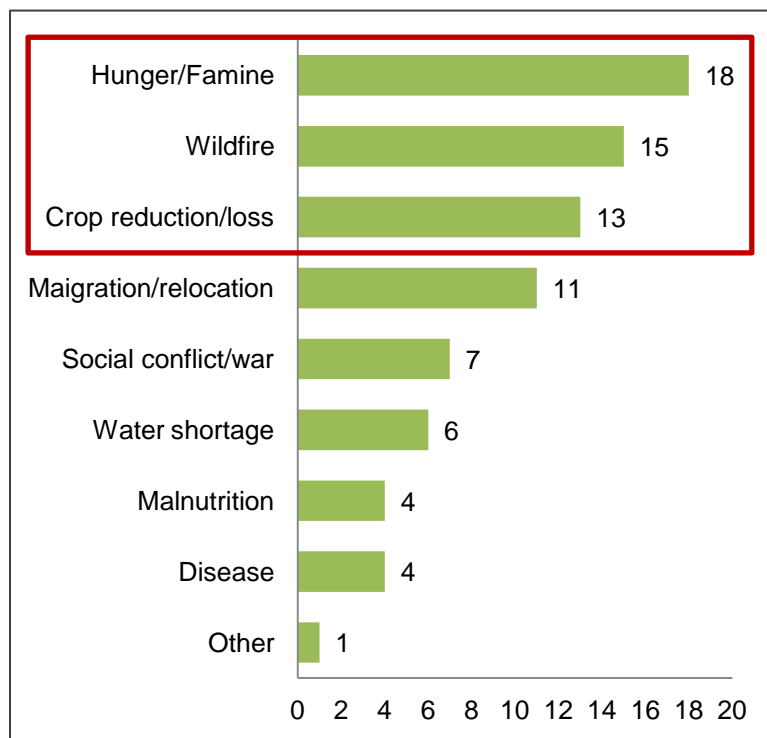
42 countries participated



Capacity Development to Support
National DROUGHT
Management Policies

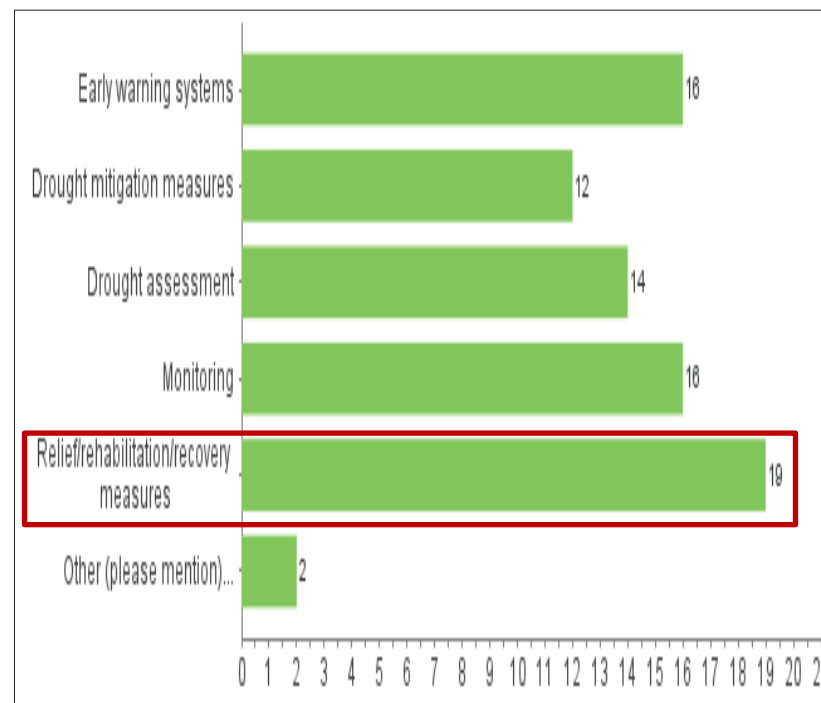
Impacts & Measures

What was the most significant **impact** of the last drought?



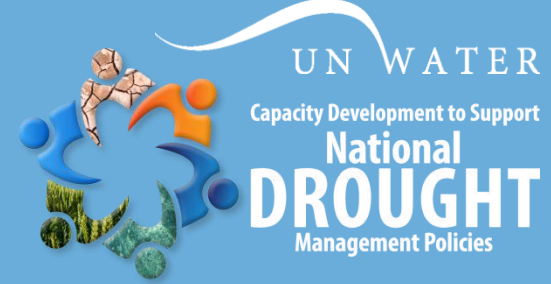
Number of responses

What **measures** did you take?



Number of responses

The UN-Water Initiative ...



“Capacity Development to Support National Drought Management Policies”

initiative, **under UN-Water**, which brings together the expertise of several UN agencies to advance capacity in targeted drought-prone countries to enable them develop effective drought management policies



Image source: World Bank

About the Partners



UNW-DPC



- The World Meteorological Organization (WMO): (www.wmo.int)



- United Nations Convention to Combat Desertification (UNCCD): (www.unccd.int)



- Food and Agriculture Organization of the United Nations (FAO): (www.fao.org)



- Convention on Biological Diversity (CBD): (www.cbd.int)



- UN-Water Decade Programme on Capacity Development (UNW-DPC): (www.unwater.unu.edu)

Key Goals of the Initiative



UNW-DPC

- Raise awareness on **risk based (proactive)** NDMP, *instead of the business as usual “**crisis based (reactive)**”*
- Enable nations to **assess their national situation** on disaster management and to identify and address the capacity needs
- **Capacity development** to enable nations to identify a suite of strategies needed to develop risk based national drought management policies



Core of the initiative



“Proposed Elements in the Compendium on National Drought Policy”

Set of key elements suggested for consideration in the development of national drought management policies:

1. Drought Monitoring and Early Warning Systems
2. Vulnerability Assessment and Impacts
3. Mitigation and Response



Sivakumar, Mannava V.K., Raymond P. Motha, Donald A. Wilhite, and John J. Qu (eds.), 2011.

Emphasis of the Initiative



Towards ...

- **Proactive** mitigation, preparedness and planning measures
- Increased emphasis on **Policy**
- Improved drought monitoring tools and early warning systems
- **Coordination** of drought programs and response in an effective manner
- Development of regional drought preparedness **networks**



Timeline of the workshops

*International
Kick-Off
Workshop*

March 12, 2013
Geneva, Switzerland



Timeline of the workshops

*International
Kick-Off
Workshop*

March 12, 2013
Geneva, Switzerland

*1st WS
Eastern European
Region*

July 9-11, 2013
Bucharest, Romania



Timeline of the workshops

International Kick-Off Workshop

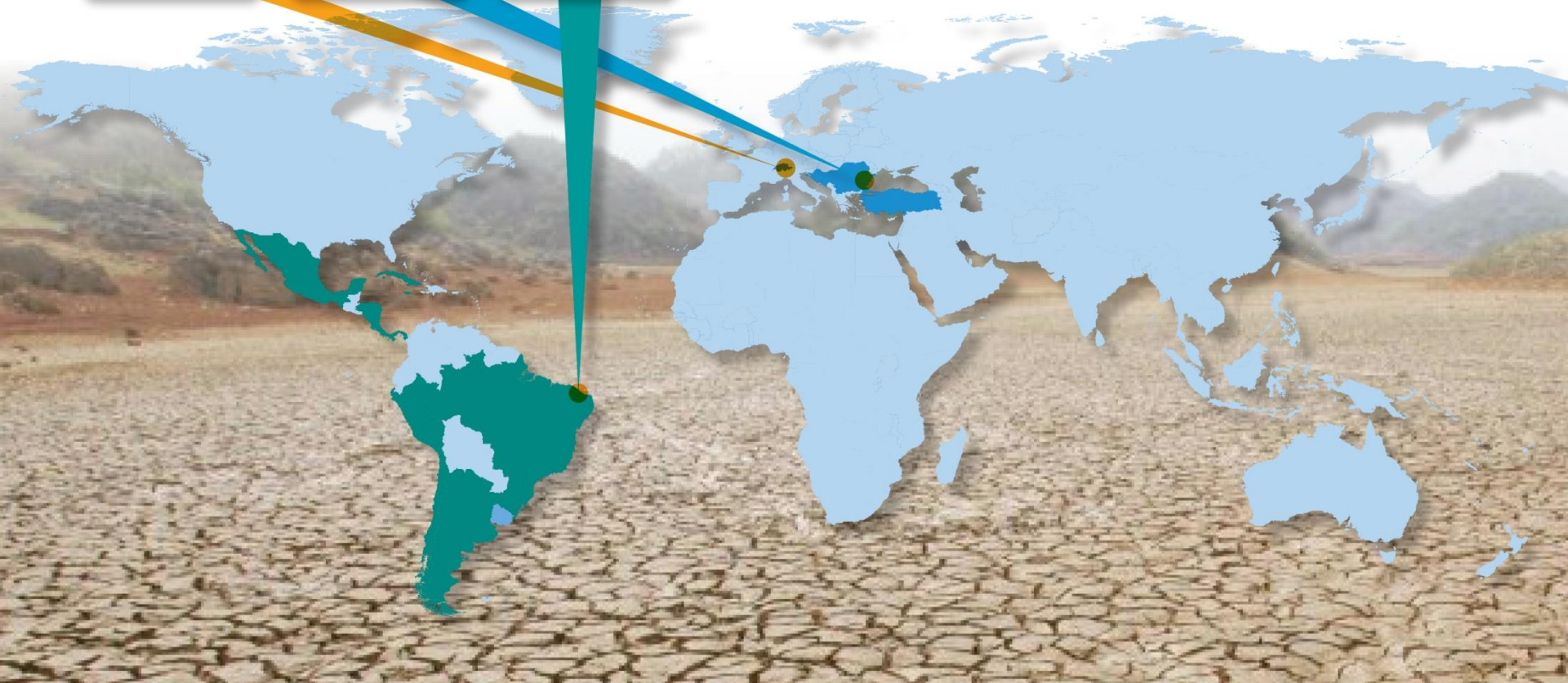
March 12, 2013
Geneva, Switzerland

1st WS Eastern European Region

July 9-11, 2013
Bucharest, Romania

2nd WS Latin America and the Caribbean Region

December 4-6, 2013
Fortaleza, Brazil



Timeline of the workshops

International Kick-Off Workshop

March 12, 2013
Geneva, Switzerland

1st WS Eastern European Region

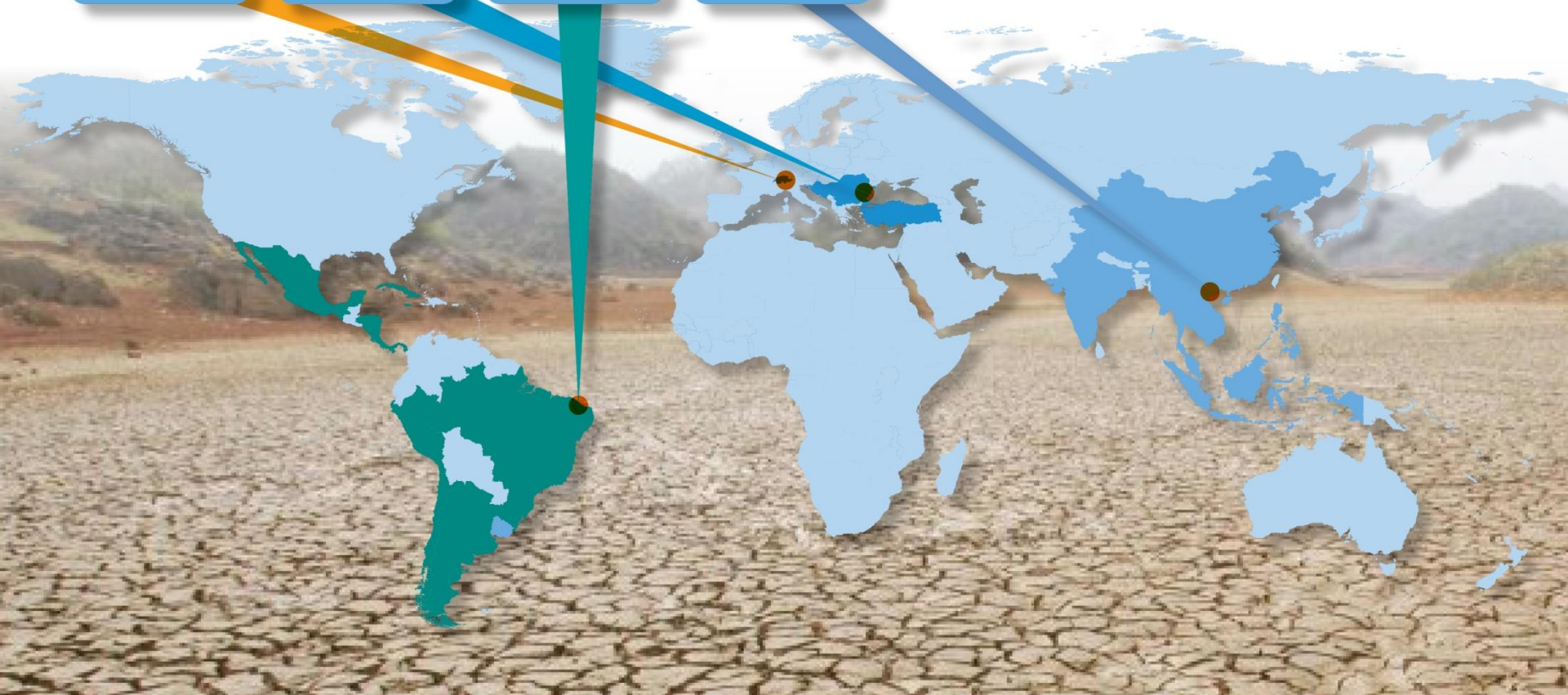
July 9-11, 2013
Bucharest, Romania

2nd WS Latin America and the Caribbean Region

December 4-6, 2013
Fortaleza, Brazil

3rd WS Asia-Pacific Region

May 6-9, 2014
Hanoi, Vietnam



Timeline of the workshops

International Kick-Off Workshop

March 12, 2013
Geneva, Switzerland

1st WS Eastern European Region

July 9-11, 2013
Bucharest, Romania

2nd WS Latin America and the Caribbean Region

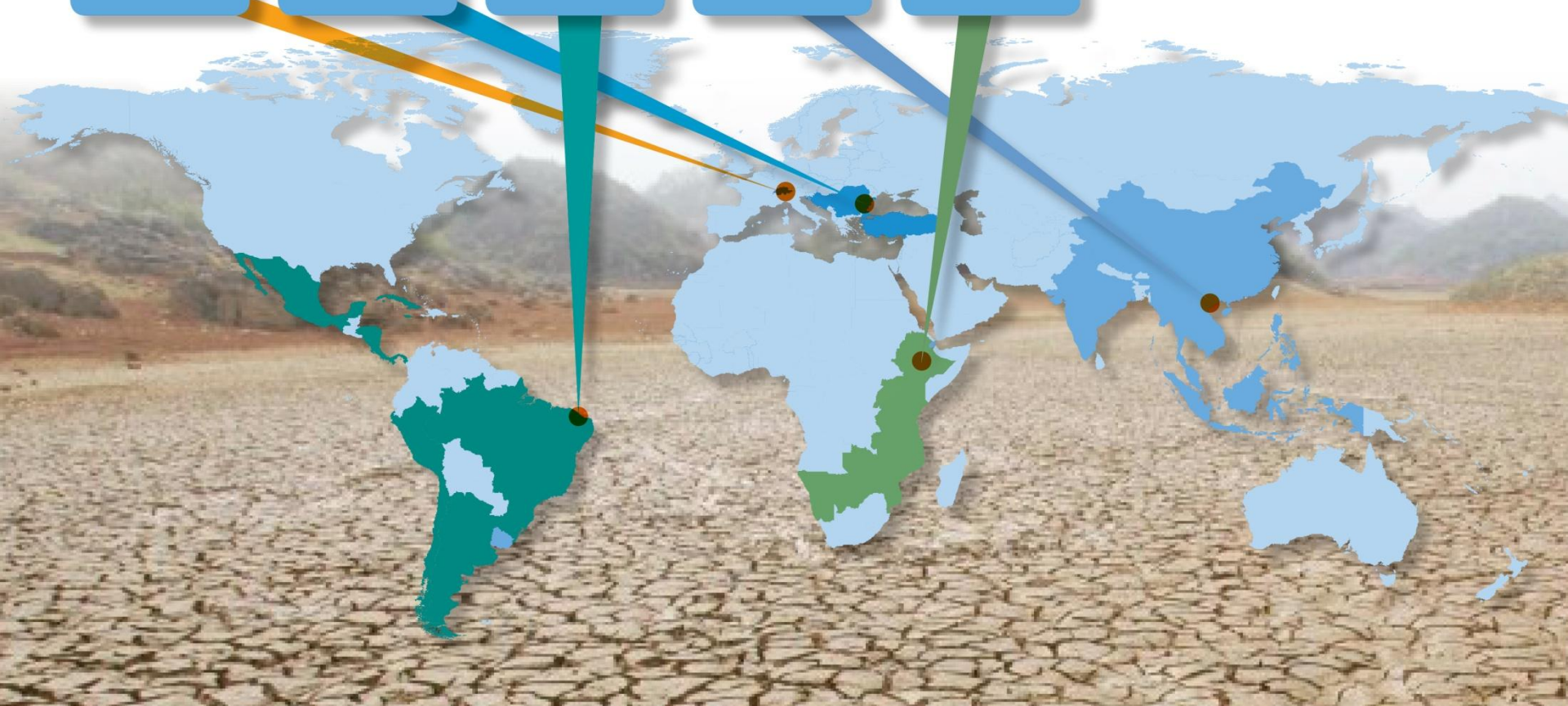
December 4-6, 2013
Fortaleza, Brazil

3rd WS Asia-Pacific Region

May 6-9, 2014
Hanoi, Vietnam

4th WS Eastern & Southern Africa Region

August 5-8, 2014
Addis Abeba, Ethiopia



Timeline of the workshops

International Kick-Off Workshop

March 12, 2013
Geneva, Switzerland

1st WS Eastern European Region

July 9-11, 2013
Bucharest, Romania

2nd WS Latin America and the Caribbean Region

December 4-6, 2013
Fortaleza, Brazil

3rd WS Asia-Pacific Region

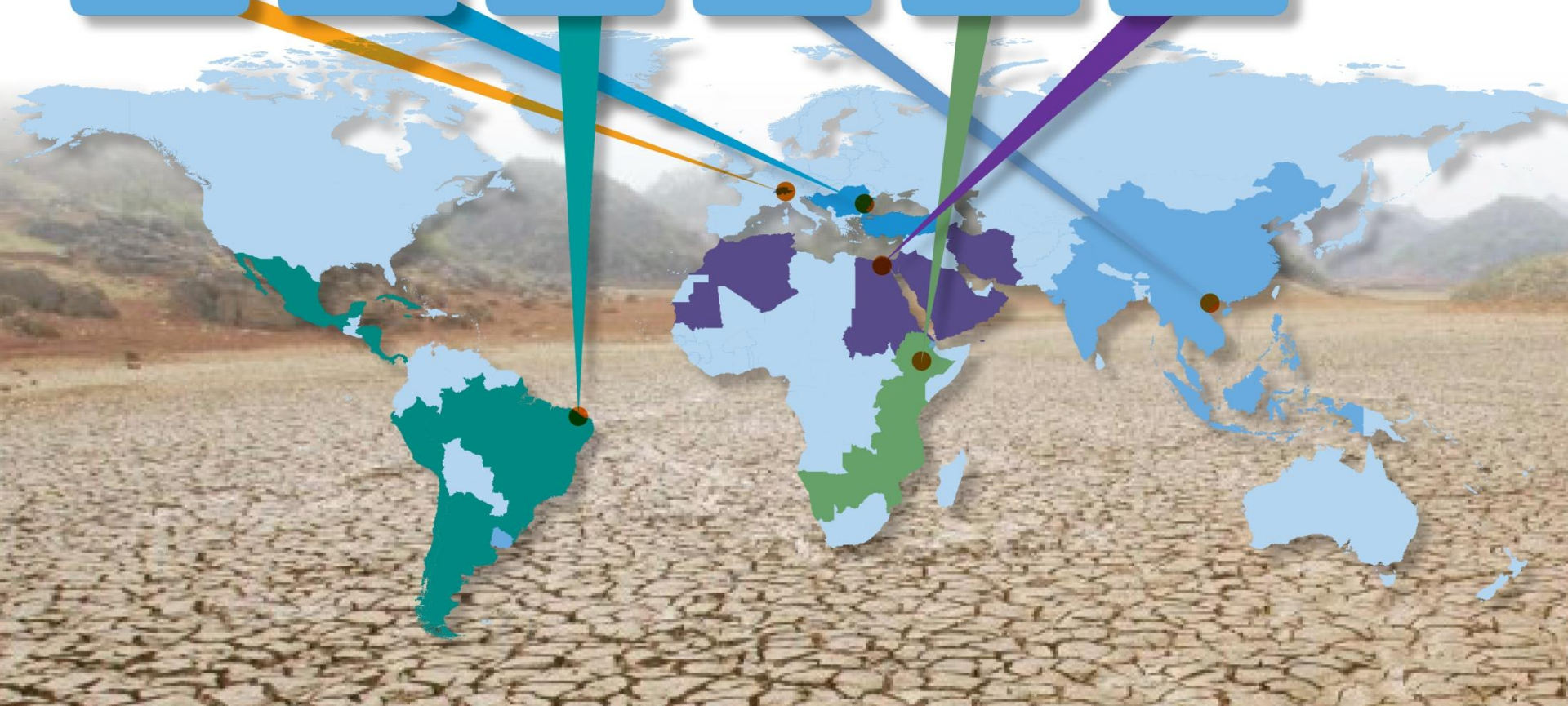
May 6-9, 2014
Hanoi, Vietnam

4th WS Eastern & Southern Africa Region

August 5-8, 2014
Addis Abeba, Ethiopia

5th WS Near East & North Africa Region

November 17-20, 2014
Cairo, Egypt



Timeline of the workshops

International Kick-Off Workshop

March 12, 2013
Geneva, Switzerland

1st WS Eastern European Region

July 9-11, 2013
Bucharest, Romania

2nd WS Latin America and the Caribbean Region

December 4-6, 2013
Fortaleza, Brazil

3rd WS Asia-Pacific Region

May 6-9, 2014
Hanoi, Vietnam

4th WS Eastern & Southern Africa Region

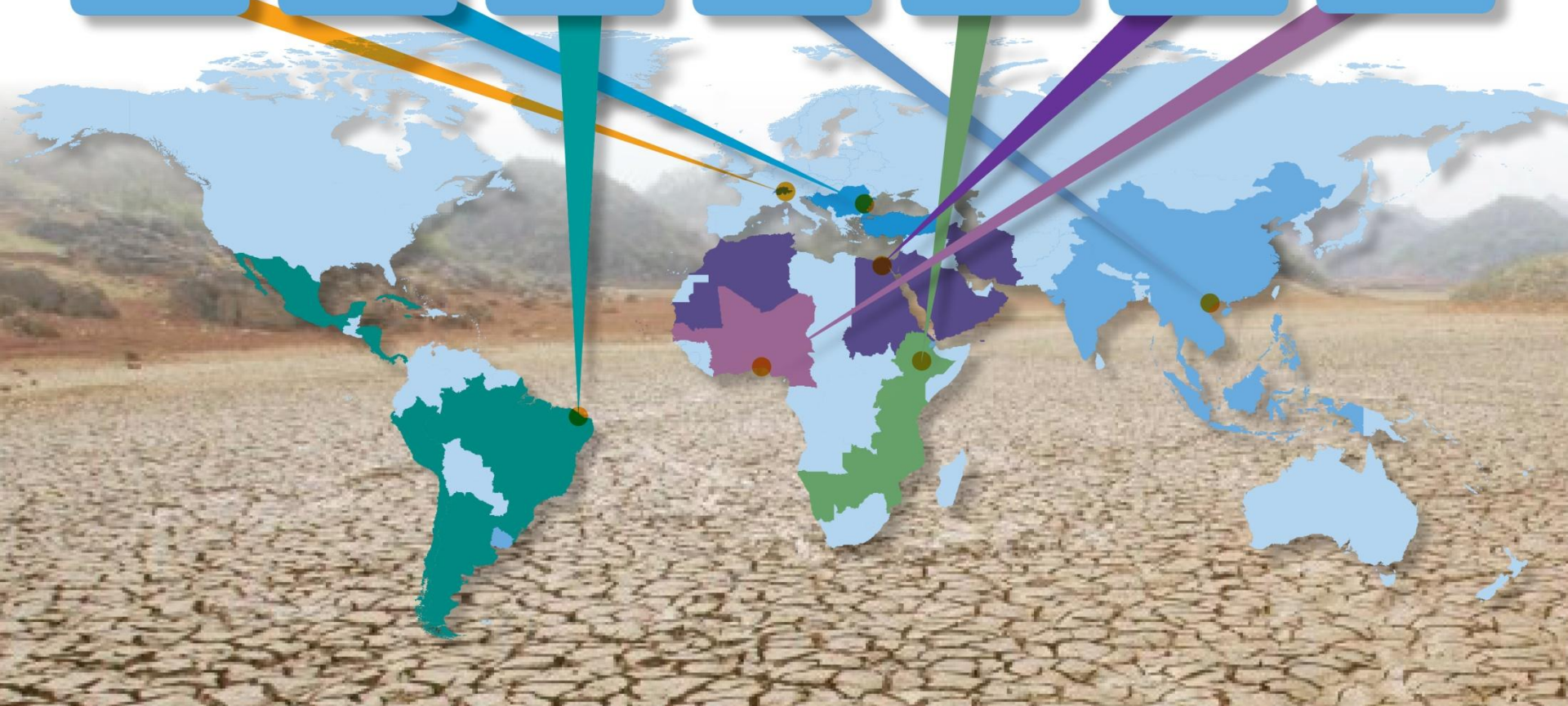
August 5-8, 2014
Addis Abeba, Ethiopia

5th WS Near East & North Africa Region

November 17-20, 2014
Cairo, Egypt

6th WS West & Central Africa Region

May 4-7, 2015
Accra, Ghana





Food and Agriculture
Organization of the
United Nations



Convention on
Biological Diversity



UNW-DPC



Regional Workshop for West and Central Africa Region

Benin, Burkina Faso, Cameroon, Cape Verde,
Côte d'Ivoire, Gambia, Ghana, Nigeria,
Niger, Senegal and Togo



Find out more on the initiative:
www.ais.unwater.org/droughtmanagement



Workshop Agenda: Day 1



Session 1: Opening and overview of the Initiative/workshop

Session 2: Setting the scene

- **Keynote presentation**
(Donald Wilhite, University of Nebraska, Lincoln)
- **Biodiversity and Drought**
(David Coates, CBD)
- **Presentation and discussion of Country Reports**
(5-10 minutes each)
(Countries' representatives)

Morning Session 3:

- **Drought monitoring and early warning systems**
(Robert Stefanski, WMO)
- **Breakout group discussions**

Afternoon Session 4:

- **Vulnerability and risk assessment**
(Boubacar Cisse, UNCCD)
- **Breakout group discussions**

Morning Session 5:

- **Drought preparedness, mitigation and responses** (Mohamed Bazza, FAO)
- **Breakout group discussions**

Afternoon Session 6:

- **Towards action plan: Developing Drought management policies** (Daniel Tsegai, UNW-DPC)
- **Breakout group discussions**

Session 7: Wrap up

- **Discussion of “TAKEHOME” messages and foreseen challenges**
- **Awarding of certificates**
- **Closing Remarks**
- **Farewell**

UNW-AIS

UN-Water *Activity* Information System

Discover, learn and share!

An integrated online information system and
e-learning platform for water-related activities

www.ais.unwater.org

UNW-AIS is managed by UNW-DPC

Find out more on the initiative:
www.ais.unwater.org/droughtmanagement



NDMP on UNW-AIS



Home > Topics > Climate Change and Disaster Risk Management > National Drought Management Policies Initiative

Topic outline

A UN-WATER INITIATIVE
Capacity Development to Support National Drought Management Policies

The World Meteorological Organization (WMO), the Food and Agriculture Organization of the United Nations (FAO) and the United Nations Convention to Combat Desertification (UNCCD) in cooperation with the UN-Water Decade Programme on Capacity Development (UNW-DPC) have initiated the Joint Capacity Development Project on National Drought Management Policies. The project was launched by an international kick-off workshop in Geneva in March 2013, and will be followed by a series of regional workshops in several drought-prone regions worldwide in 2013-2014. After the workshop series, the initiative will close with a final wrap-up conference.

It has been estimated that droughts are the world's costliest natural disaster, accounting for a cost of 6-8 billion US dollars annually, and affect more people than any other form of natural disaster (Wilhite, 2000). They are considered to be the most far-reaching of all natural disasters, causing short and long-term economic losses as well as significant secondary and tertiary impacts, particularly in the food, water and energy sectors. Droughts are considered to impact nations and countries around the world with dramatic economic and ecologic damage. To reduce the societal vulnerability to droughts, the initiative aims to reinforce a paradigm shift to overcome prevailing

UNW-AIS is managed by UNW-DPC

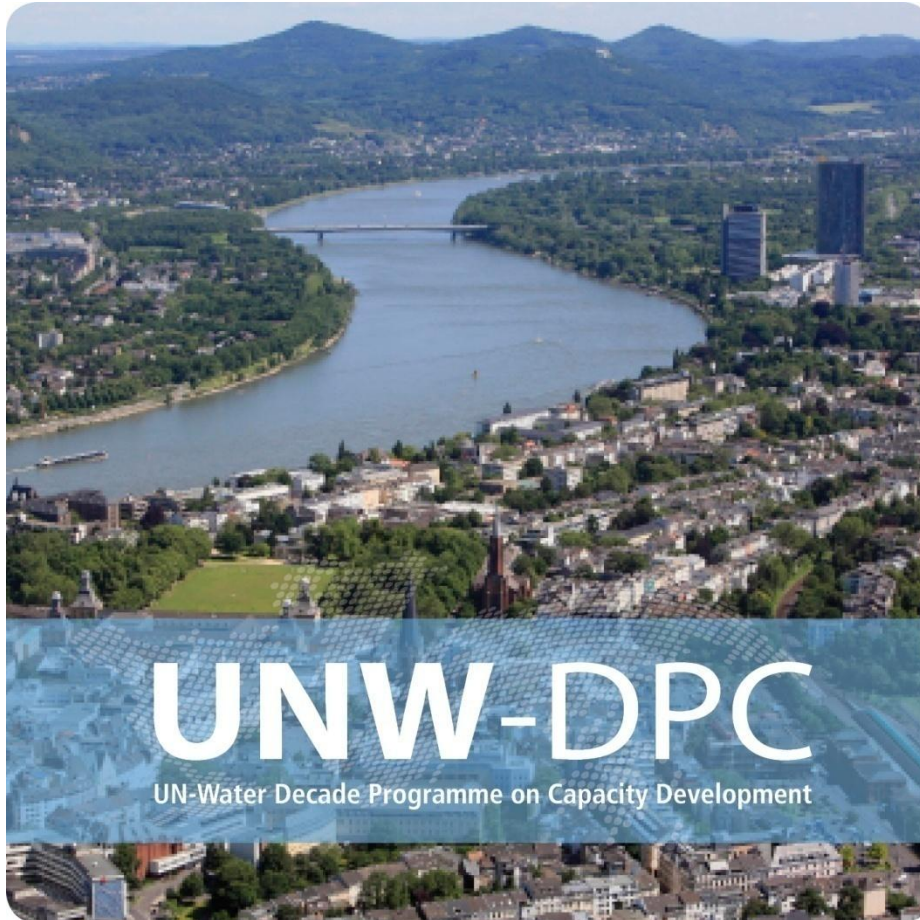
Feedback Form

Relevant documents of the initiative can be found at:

www.ais.unwater.org/droughtmanagement

Thank you!

UNW-DPC



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

UNITED NATIONS UNIVERSITY

UN Campus

Platz der Vereinten Nationen 1

D-53113 Bonn, Germany

Phone: + 49 (0) 228 815-0661

Fax: + 49 (0) 228 815-0655

E-Mail: info@unwater.unu.edu

www.unwater.unu.edu



Food and Agriculture
Organization of the
United Nations



Convention on
Biological Diversity



UNW-DPC



A UN-Water Initiative

UN WATER

Moving from crisis to risk management



Capacity Development to Support National DROUGHT Management Policies



Find out more on the initiative:
www.ais.unwater.org/droughtmanagement

