



DROUGHT AND AGRICULTURE

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FAO'S ACTIONS

- Awareness creation;
- The development of guidelines;
- Capacity development;
- The provision of direct support to countries;
- Building partnerships.





THE GLOBAL FRAMEWORK ON WATER SCARCITY IN AGRICULTURE (WASAG)



WASAG BACKGROUND

GOVERNANCE

- More than 60 Partners (from 20 different countries)
- A functional Steering Committee (14 members)
- Guided by the:
 - Rome Statement (2017)
 - Terms of Reference (2017/2018)
 - Praia Commitments (2019)
- Hosted by FAO - WASAG Support Team (Secretariat)



WASAG BACKGROUND

Ø Rome Statement (20 April 2017)

VISION

A world whose food systems are secure and resilient to increasing water scarcity in a changing climate

MISSION

To support measurable, significant and sustainable progress on improving and adapting agricultural systems in conditions of increasing water scarcity and a changing climate, using the **combined expertise and resources of the Partners**



WASAG WORKING GROUPS

Six working groups established since August 2017 focusing the work of WASAG on emerging issues:

- Water and Migration (GWP, IWMI)
- **Drought Preparedness (UNCCD, WMO, GWP, IDMP, DWFI)**
- Financing Mechanisms (World Bank, Climate KIC, IFAD)
- Water and Nutrition (IFPRI, SIWI, IFAD)
- Sustainable Agriculture Water Use (IWMI, IFPRI, ICID, IFAD)
- Saline Agriculture (ICBA, Iran)

WORKING GROUP ON DROUGHT PREPAREDNESS

Endorsed by UNCCD COP13, September 2017, Ordos, China

“ The ICCD/COP(13)/L.20 invites the parties to “Consider utilizing the Global Framework on Water Scarcity in Agriculture initiative as a **knowledge-sharing** partnership to help countries develop their **drought preparedness plans**”.



United Nations



**Convention to Combat
Desertification**

ICCD/COP(13)/L.20

Distr.: Limited
14 September 2017

Original: English

Conference of the Parties

Thirteenth session

Ordos, China, 6–16 September 2017

Agenda item 3 (d)

Effective implementation of the Convention at national, subregional and regional level

Promotion and strengthening of relationships with other relevant conventions and international organizations, institutions and agencies

Policy advocacy on drought

Draft decision submitted by the Chair of the Committee of the Whole



1st
WASAG International Forum
on **Water Scarcity** in **Agriculture**

Celebrating
World Water Day 2019

19-22 March 2019 | Praia, Cabo Verde

1^o Fórum Internacional do **WASAG** sobre a
Escassez de Água na **Agricultura**
em Celebração do
Dia Mundial da Água em 2019

19 a 22 de Março de 2019 | Praia, Cabo Verde

PRAIA COMMITMENTS (MARCH 2019)

Relevance of Praia Commitments to each of WASAG's six working groups	Water & Migration	Drought Preparedness	Financing Mechanisms	Water & Nutrition	Sustainable Water Use	Saline Agriculture
1. Cooperate within the framework of WASAG to tackle the challenges of water scarcity in agriculture.	✓	✓	✓	✓	✓	✓
2. Develop understanding and insights to enhance water-use efficiency in line with local contexts.	✓	✓	✓	✓	✓	✓
3. Advocate for integrated planning processes involving different stakeholders for better decision making.	✓	✓	✓	✓	✓	✓
4. Promote water as a driver of development for all to reach the SDG targets.	✓	✓	✓	✓	✓	✓
5. Support farmers and associations to increase their resilience.	✓	✓	✓	✓	✓	✓
6. Promote good governance for all dimensions of water scarcity in agriculture.	✓	✓	✓	✓	✓	✓
7. Support the institutionalization of a proactive and risk-based approach to drought preparedness.		✗				
8. Provide policy makers with tools and guidelines through a one-stop shop.	✓	✓	✓	✓	✓	✓
9. Encourage the mutualisation of resources and promote innovative financing mechanisms.			✓			
10. Encourage innovative technologies including reuse of treated wastewater for agriculture.	✓	✓	✓	✓	✓	✓
11. Bring focus on sustainable management of water resources to address water-related migration.	✓					
12. Build a community of practice and develop a framework to link nutrition & water management.				✓		
13. Propose ways to live with salinity, particularly in SIDS.						✓
14. Integrate climate-smart agriculture and innovative practices including drought/salt tolerant crops.		✗			✓	✓
15. Promote a culture of sustainable water use in agriculture.					✓	
16. Identify criteria and indicators for sustainable agricultural water use measurement and monitoring.					✓	
17. Encourage community-based approaches and people centered policies.	✓	✓	✓	✓	✓	✓

7. Support the institutionalization of a proactive and risk-based approach to drought preparedness.

14. Integrate climate-smart agriculture and innovative farming systems adopting sustainable management practices and proper drought/salt tolerant crops, including in marginal areas, to enhance food and nutrition security.

FAO AND DROUGHT

COMMUNITY OF PRACTICE

Support countries in the preparation and implementation of proactive drought management approach.

It is essential for countries to:

- be **proactive** (rather than reactive);
- be **coordinated at regional level** (in addition to the country level actions);
- **holistic** and multi-sectoral (rather than silos)
- treat drought as a '**constant risk**' (rather than a 'crisis').



United Nations
Convention to Combat
Desertification



**WORLD
METEOROLOGICAL
ORGANIZATION**



**Global Water
Partnership**

ADVOCATE FOR A PARADIGM SHIFT

A paradigm shift: from reactive to proactive drought management.

Focus:

Predict, plan and prepare for drought before it becomes famine.

Milestones:

- The biannual international seminars on Drought and Agriculture (2017, 2019);
- Support to the UNCCD Drought Initiative.



FAO DROUGHT PLATFORM

Development of a Portal to organize, search and access all FAO work, tools and experiences in the fight against drought.

Water Governance

Drought

Drought and Agriculture

Drought Toolbox

Water Management

Water Scarcity

Water Platform

The FAO Drought Toolbox

The FAO Drought Toolbox is freely accessible online source for a range of stakeholders, directly or indirectly involved in land use planning. The Toolbox contains a comprehensive numbers of existing tools and approaches that are used to in diagnosing the characteristics and approaches to Drought and Drought management. The overall goal of the Toolbox is to make potential users aware of the existence of these tools, facilitate access to their information, and assist with the selection of those tools that meet the requirements of the different stakeholders, operating at different levels, in different regions, and in different sectors. See the users' guide for more information.



Main Category

Pillar

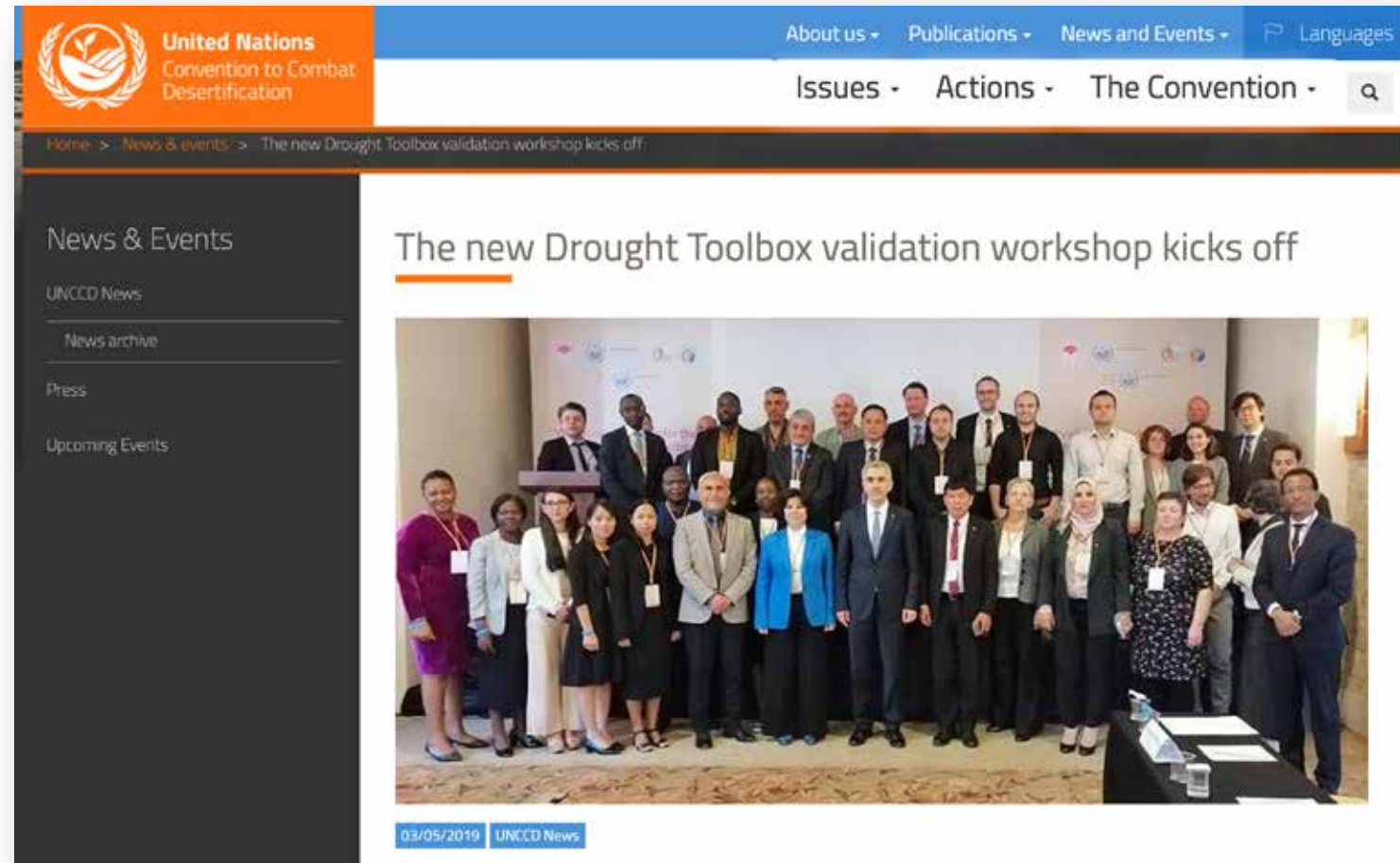
Region

Country

Keywords

CONTRIBUTION TO THE UNCCD TOOLBOX

The Drought Toolbox, developed by UNCCD in partnership with WMO, GWP, FAO, UNEP-DHI and National Drought Mitigation Centre at the University of Nebraska, is part of the broader UNCCD Drought Initiative adopted at the COP13 in Ordos, China.



The screenshot displays the UNCCD website interface. At the top left is the United Nations logo and the text "United Nations Convention to Combat Desertification". To the right are navigation links: "About us", "Publications", "News and Events", and "Languages". Below these are "Issues", "Actions", and "The Convention" with a search icon. A breadcrumb trail reads "Home > News & events > The new Drought Toolbox validation workshop kicks off". A dark sidebar on the left contains "News & Events", "UNCCD News", "News archive", "Press", and "Upcoming Events". The main content area features the article title "The new Drought Toolbox validation workshop kicks off" above a group photograph of approximately 30 people in professional attire. Below the photo is a date tag "03/05/2019" and a category tag "UNCCD News".

KNOWLEDGE PRODUCTS

FAO White Paper on Drought, to be launched at UNCCD COP 14 in India, September 2019

Drought impact and vulnerability assessment – A rapid review of practices and policy recommendations



PROVISION OF DIRECT SUPPORT TO COUNTRIES

Preparation of drought management strategy:

Afghanistan

Bolivia

Pakistan



Afghanistan

Drought Risk Management

Strategy



PROSPECTS FOR COLLABORATIO

- Development of knowledge products along the line of the one reviewing practices and action for Pillar II – Normative work of FAO
- Joint capacity building exercises – Coming from project/initiatives, calling for resource persons/joint preparation
- Direct support to countries (drought management strategies preparation – calling for resource persons/point preparation



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THANK YOU