

# IDMP

Integrated Drought Management Programme



WORLD  
METEOROLOGICAL  
ORGANIZATION



Global Water  
Partnership



**BUILDING  
DROUGHT  
RESILIENCE  
TO REDUCE  
POVERTY**

# Agenda of the IDMP Advisory Committee Meeting

Welcome, round of introduction, adoption of agenda

Overview of current activities and follow-up of the recommendations of the 2018 IDMP Advisory and Management Committee Meetings

Update on knowledge products, Outreach and HelpDesk status, partner engagement, communication campaign

Presentation and Discussion of Regional Programmes (*Tea/ Coffee break in-between*)

**Strategic issues driven by IDMP:**

- Drought Mitigation & Preparedness: Benefits of Action & Costs of Inaction - current status of work and way forward
- Strengthening Pillar on Vulnerability and Impact Assessment
- IDMP Research Centre

**Strategic initiatives driven by partners**

- UNCCD COP-14 and UNCCD Drought Initiative
- FAO Global Framework on Water Scarcity in Agriculture (WASAG) Working Group on Drought Preparedness
- UN DRR Global Assessment Report 2019 and Special Report on Drought 2020
- WMO drought activities (Commission for Agricultural Meteorology Expert Team on Drought; Global Multi-Hazard Alert System (GMAS))
- Global Drought Information System (GDIS)
- Global Drought Observatory (GDO)
- High-Level Experts and Leaders Panel on Water and Disasters (HELP) plans on drought

*Lunch Break*

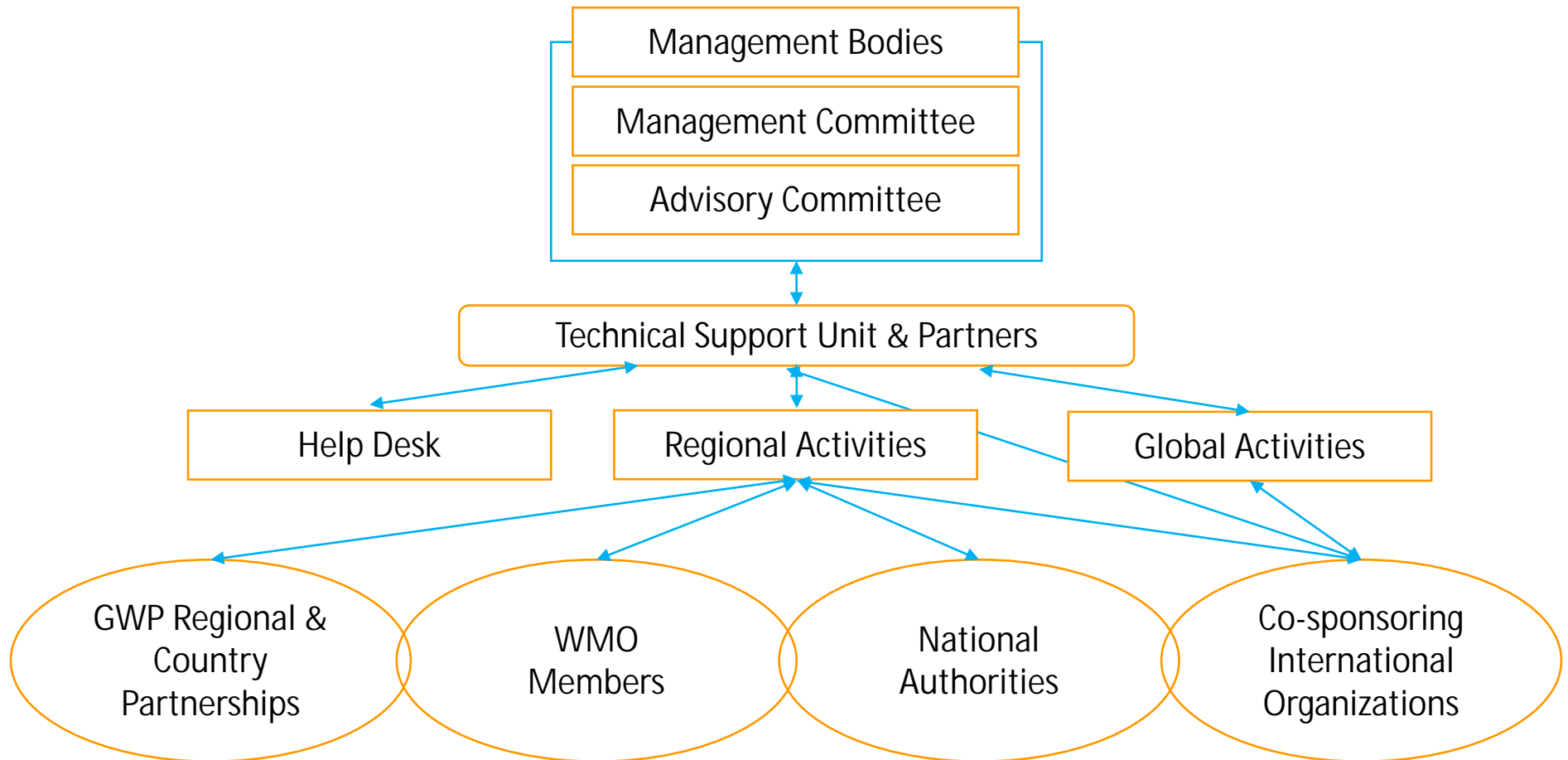
**The next 3 years of the IDMP Thematic Group Discussions** (*Tea/ Coffee break in-between*)

1. Knowledge gaps (Future of the HelpDesk; Developing vulnerability and impact assessment pillar; Knowledge gaps IDMP should address)
2. Partner Platform (Strengthening the IDMP Community of Partners; Future support on drought policies)
3. Research (Research needs; Developing IDMP Intl. Drought Mitigation Research Centre)
4. Funding/future projects (Securing funding; Possible projects)

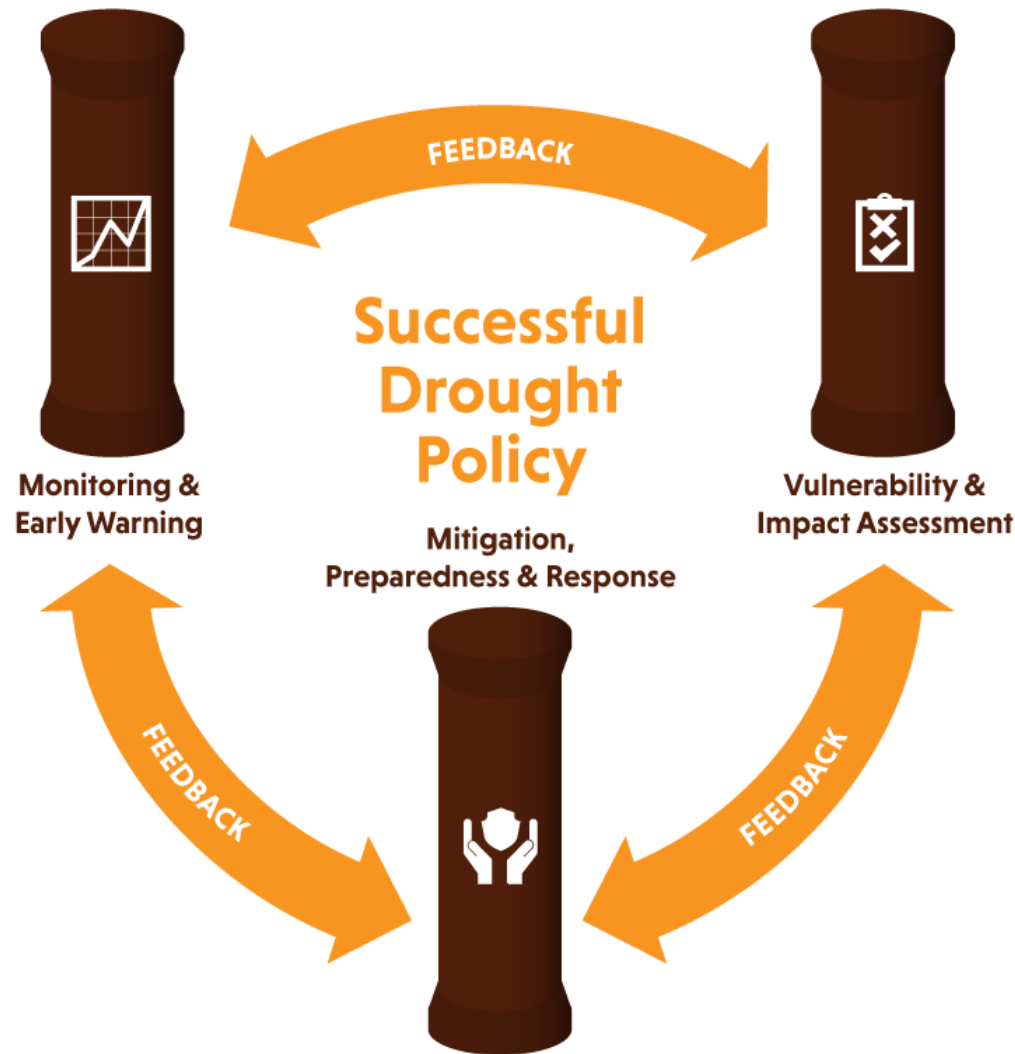
**Marketplace of IDMP partners: 2-minute pitch to introduce partners' initiatives**

**AOB and Wrap-up (Selection of Partners for Management Committee meeting and Summary)**

# Governance Structure



# Three Pillars of Integrated Drought Management





# Follow-up Recommendations from 2017 ACMC Meeting

	Completed	In Progress	Not started	In Future
General Recommendations	3	4	2	2
Knowledge Products	2	5	1	4
Research	-	1	1	3
Help Desk	3	1	2	
Capacity Development	-	1	1	-
Continuous Work	8	1	-	-

Total number of recommendations: 45



# Continuous updating of Tools and Resources on the 3 Pillars of IDM



Tools and Examples of Applications on the 3 pillars of Integrated Drought Management

Overview of Drought Management Plans and Policies

[www.droughtmanagement.info/pillars](http://www.droughtmanagement.info/pillars)

# Knowledge Products

## IDMP production

- 1) Framework for the Assessment of the Benefits of action and costs of inaction for drought preparedness
- 2) Glossary on drought terms

## Curating:

- 1) Knowledge resources on 3 pillars of IDM
- 2) Library (310 publications)

## IDMP contributions

- 1) EC JRC Technical Report Drought (JRC with IDMP contributions)
- 2) GAR19 Special Section on Drought (UNDRR, JRC, NOAA, IDMP contribution)
- 3) National Adaptation Plan (NAP) Water Supplement (GWP with IDMP contributions)

## Work in progress

- 1) Drought Impact and Vulnerability Assessment available approaches and policy recommendations (UNCCD, FAO, GWP, WMO)
- 2) White Paper "Drought Policies: Towards a Proactive Approach"
- 3) Integrated Drought Management Framework Document
- 4) Water Scarcity and Drought



# Outreach

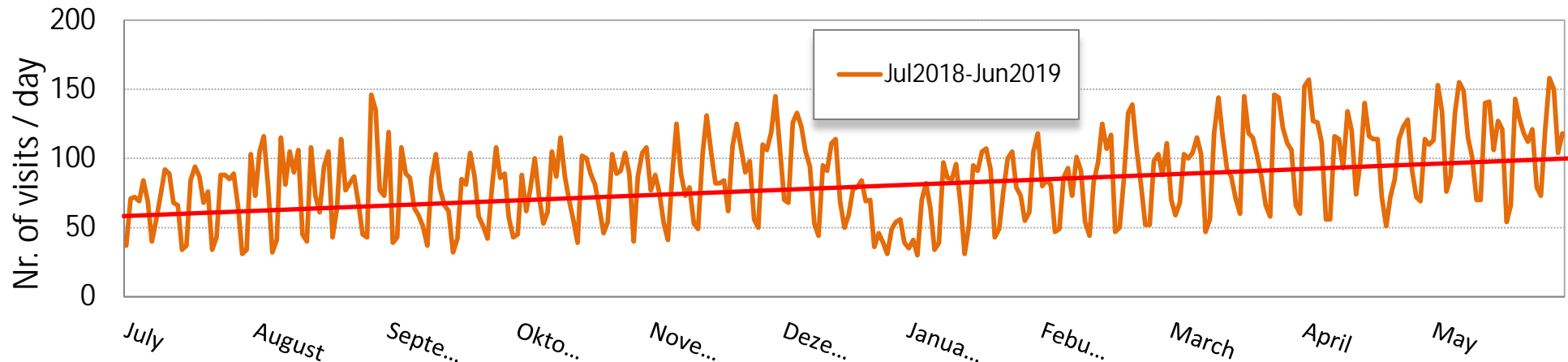
## Website

- § Updates on information about 3 pillars (e.g. monitoring tools)
- § Library continuously updated (now 310 entries)
- § Impact review period: 1 July 2018 to 30 June 2019

- § Registered 31'833 users (+46%)
- § 80% are by new visitors

### Most popular pages:

- § Standardized Precipitation Index
- § Indices overview
- § Preparedness and Response





# World Water Week 2019 Session

## *A big push for integrated drought resilience – can it include all?*

Explores what it takes for countries to address drought proactively, across sectors and scales, putting a spotlight on drought risk mitigation options that are integrated and inclusive.

**Tuesday, 27 August 2019 | 14.00-15.30 | Room L12**



Bringing together: IDMP, Drought Initiative, WASAG, IDI, G-WADI

Convenors: National Drought Mitigation Center at the University of Nebraska, WMO, FAO, GWP, UNESCO-IHP and Water Youth Network.

# Integrated Drought Management Helpdesk


The image shows three interactive buttons for the Integrated Drought Management Helpdesk. Each button has a title in an orange box, a central icon, a descriptive text box, and a small red '+' icon in the bottom right corner. The 'Ask' button is highlighted with a blue border.

- Ask:** Features a question mark and an information 'i' icon. Text: "Ask for assistance on integrated drought management".
- Find:** Features a magnifying glass icon. Text: "Find knowledge resources on integrated drought management".
- Connect:** Features an icon of people holding hands in a circle. Text: "Learn about the activities of IDMP and connect to them".

[www.DroughtManagement.info](http://www.DroughtManagement.info)

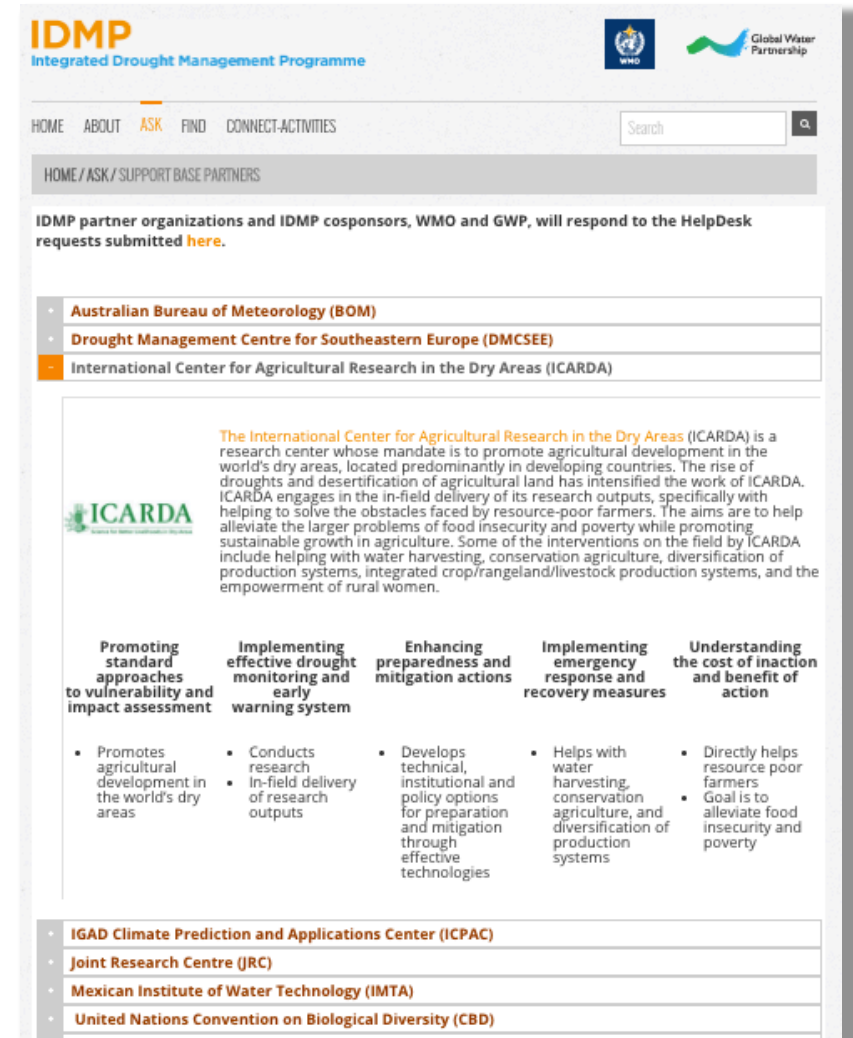
# Integrated Drought Management Helpdesk

## Support Base Partners



Ask

Ask for assistance on integrated drought management



**IDMP**  
Integrated Drought Management Programme

HOME ABOUT **ASK** FIND CONNECT-ACTIVITIES

HOME / ASK / SUPPORT BASE PARTNERS

IDMP partner organizations and IDMP cosponsors, WMO and GWP, will respond to the HelpDesk requests submitted [here](#).

- Australian Bureau of Meteorology (BOM)
- Drought Management Centre for Southeastern Europe (DMCSEE)
- International Center for Agricultural Research in the Dry Areas (ICARDA)

**ICARDA**

The International Center for Agricultural Research in the Dry Areas (ICARDA) is a research center whose mandate is to promote agricultural development in the world's dry areas, located predominantly in developing countries. The rise of droughts and desertification of agricultural land has intensified the work of ICARDA. ICARDA engages in the in-field delivery of its research outputs, specifically with helping to solve the obstacles faced by resource-poor farmers. The aims are to help alleviate the larger problems of food insecurity and poverty while promoting sustainable growth in agriculture. Some of the interventions on the field by ICARDA include helping with water harvesting, conservation agriculture, diversification of production systems, integrated crop/rangeland/livestock production systems, and the empowerment of rural women.

Promoting standard approaches to vulnerability and impact assessment	Implementing effective drought monitoring and early warning system	Enhancing preparedness and mitigation actions	Implementing emergency response and recovery measures	Understanding the cost of inaction and benefit of action
<ul style="list-style-type: none"> <li>Promotes agricultural development in the world's dry areas</li> </ul>	<ul style="list-style-type: none"> <li>Conducts research</li> <li>In-field delivery of research outputs</li> </ul>	<ul style="list-style-type: none"> <li>Develops technical, institutional and policy options for preparation and mitigation through effective technologies</li> </ul>	<ul style="list-style-type: none"> <li>Helps with water harvesting, conservation agriculture, and diversification of production systems</li> </ul>	<ul style="list-style-type: none"> <li>Directly helps resource poor farmers</li> <li>Goal is to alleviate food insecurity and poverty</li> </ul>

- IGAD Climate Prediction and Applications Center (ICPAC)
- Joint Research Centre (JRC)
- Mexican Institute of Water Technology (IMTA)
- United Nations Convention on Biological Diversity (CBD)

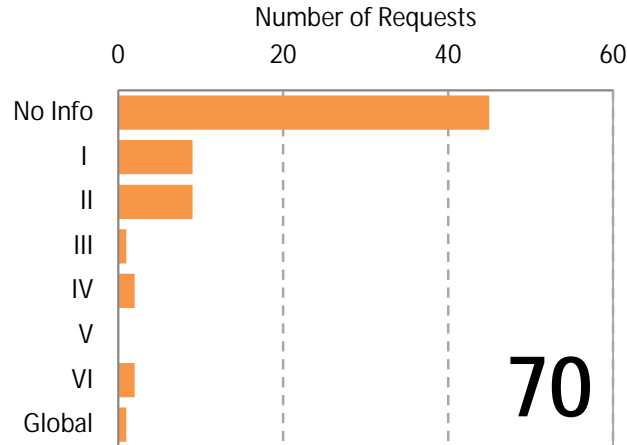
# Users



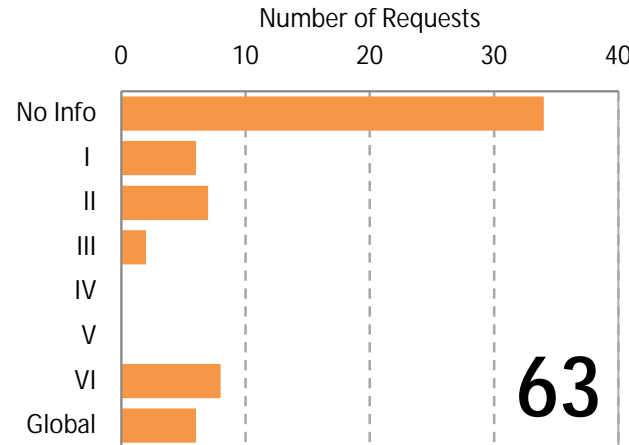
# IDM HelpDesk Statistics

WMO regions:  
 I Asia  
 II South America  
 III North&Central America,  
 IV Carribean  
 V Sourth-West Pacific  
 VI Europe

2017/18



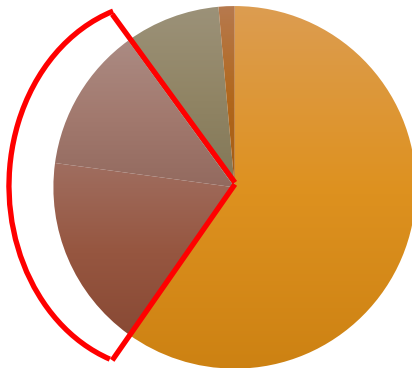
2018/19



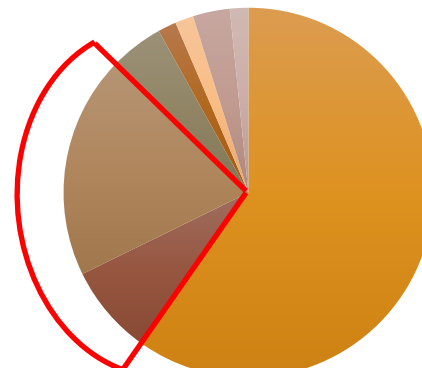
## Where?

- § Requests to regional programme offices and TSU
- § Comments/Questions to indices

2017/18



2018/19



## Who?

- § Governments and governmental institutes
- § Academia
- § IGO's
- § 2018-19 increase in diversity of requesting institutions



# Integrated Drought Management Helpdesk

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- Ask:** Title: Ask; Icon: Two speech bubbles, one with a question mark and one with an 'i'; Description: Ask for assistance on integrated drought management.
- Find:** Title: Find; Icon: A magnifying glass; Description: Find knowledge resources on integrated drought management.
- Connect:** Title: Connect; Icon: A group of stylized human figures holding hands in a circle; Description: Learn about the activities of IDMP and connect to them.

[www.DroughtManagement.info](http://www.DroughtManagement.info)

# Engagement with Intl. Processes

1. UNCCD Drought Initiative
2. FAO WASAG Working Group on Drought Preparedness
3. UNFCCC COP24 in Katowice, Poland, December 2018
4. High-level Experts and Leaders Panel on Water and Disasters (HELP)
5. 8th Asian GWADI Workshop, 2nd International Drought Initiative (IDI) Expert Group Meeting
6. Global Platform on Disaster Risk Reduction (GPDRR)
7. Global Adaptation Week, which included the National Adaption Plan (NAP) Expo 2019
8. WMO Congress 2019

# Engagement with strategic initiatives

- UNCCD COP-14 and Drought Initiative
- UNCCD Science Policy Interface – SPI (WMO)
- FAO Global Framework on Water Scarcity in Agriculture (WASAG) Working Group on Drought Preparedness
- FAO drought activities → Afghanistan drought policy development
- UN DRR Global Assessment Report 2019 and Special Report on Drought 2020
- WMO Commission for Agricultural Meteorology Expert Team on Drought
- UNESCO International Drought Initiative
- Global Drought Information System (GDIS)
- Global Multi-Hazard Alert System (GMAS)
- Global Drought Observatory
- Green Climate Fund (GCF)
- NDC Partnership
- High-level Experts and Leaders Panel on Water and Disasters (HELP)

# Engagement with strategic initiatives

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to be discussed before lunch and at market place

ASK

Get in touch and ask for advice on integrated drought management

FIND

Find knowledge resources on integrated drought management

CONNECT

Learn about the activities of the IDMP and connect to them

# Activities





# Regional programmes and initiatives

*Support action and implementation on the ground,  
adding to existing efforts the strength of IDMP and its partners*

- **Central and Eastern Europe (2013):** Bulgaria, Czech Republic, Hungary, Lithuania, Moldova, Poland, Romania, Slovakia, Slovenia, Ukraine
- **Horn of Africa (2014):** Djibouti, Eritrea, Ethiopia, Kenya, Somalia, South Sudan, Sudan and Uganda.
- **West Africa (2015):** First in Burkina Faso, Niger and Mali, and then share lessons learned with region through WMO partners, GWP Country Water Partnerships and other partners.
- **South Asia Drought Monitoring System (2014):** with IWMI in Afghanistan, Bhutan, Bangladesh, Nepal, India, Pakistan and Sri Lanka
- **Central America (2013):** IDMP support to EUR 2.2M project launched in June 2019
- **South America (2015):** Support of complimentary projects with a total budget of EUR 3.3M
- **Pacific Islands (2016):** Draft National Drought Policies developed In Solomon Islands and being developed in Tuvalu and Kiribati

# Fundraising

# IDMP Fundraising / Scaling up

- USD 7.9M Adaptation Fund proposal led by APFM with IDMP contributions “Integrating Flood and Drought Management and Early Warning for Climate Change Adaptation in the Volta Basin” [AF Board approval in October 2018]
- USD 50K per year from US National Oceanic and Atmospheric Administration (NOAA) NIDIS [administrative discussion ongoing]
- Junior Professional Officer (JPO) to work Agricultural Meteorology and the IDMP at WMO funded by German Government
- Green Climate Fund (GCF) collaboration (i) WMO work on climate rationale (ii) GWP work to strengthen countries (NDAs, DAEs, Ministry of Water) capacity to prepare climate resilient water projects [PanAfrican workshop September 2018 (21 countries), PanAsian workshop October 2018 (18 countries), 10 Mediterranean countries June 2019, Latin America and Caribbean September 2019]
- 3 complimentary projects in South America with a total of about EUR 3.3M and project in Central America for EUR 2.2M

# Discussion