



# **INTEGRATED DROUGHT MANAGEMENT PROGRAMME (IDMP)**

## **REPORT of the IDMP ADVISORY COMMITTEE and MANAGEMENT COMMITTEE MEETINGS 2017**

6-7 September 2017  
Geneva, Switzerland

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## EXECUTIVE SUMMARY

The IDMP Management Committee approved the new initiatives and strategic direction proposed for the year 2017-2019 by the Technical Support Unit (TSU). Discussions were based on the Integrated Drought Management (IDMP) Activity Report 2016/2017 and Work Programme 2017-2019 (see [Annex IV](#)), distributed to all partners prior to the meeting.

Furthermore, the Advisory Committee gave the following high priority recommendations, later endorsed by the Management Committee:

- General recommendations:
  - Increase interaction with Regional Climate Centres
  - Better characterize the IDMP target audiences - Conduct user needs analysis
  - Explore Science-Policy interface – collaborate with interdisciplinary teams including social scientists, economists, political scientists (distill lessons learned on drought management)
- Knowledge products:
  - Develop knowledge product (a brochure/handbook/guidelines) on the pillar mitigation and preparedness
  - Develop knowledge product (a brochure/handbook/guidelines) on the pillar vulnerability and impact assessment
  - Finalize Integrated Drought Management Framework Document (include learning from IDMP e.g. 10-step process)
  - Use Commission for Agricultural Meteorology (CAgM) Drought Expert Team report for IDMP information products
  - Benefits of Action – Costs of Inaction (BACI): Publish Discussion Paper
  - BACI: Economic argument for drivers and barriers to be developed
  - BACI: Categorization/ Prioritization of methods of economic analysis
- Research:
  - Establish a small team/working group on the International Drought Mitigation Research Centre
  - Connect the high-level policy needs to research (possibly through the International Drought Mitigation Research Centre)
  - Ensure that the International Drought Mitigation Research Centre is an integral part of IDMP and that there is no duplication
  - Explore contributions from national programmes to research
- HelpDesk:
  - Translate the HelpDesk/website in all UN languages
  - Make the HelpDesk links on the WMO Public and GWP website more visible
  - Connect with regional and national products/actors on all 3 pillars (IDMP website)
  - Develop an infographic and translate into one slide the services the IDMP provides for partners to include in their outreach
  - Follow-up with IDMP partners not yet included in the Support Base Partners of the HelpDesk
- Capacity development:
  - Work with UNDP Cap-Net to revise drought management training manual

All recommendations from the meeting and the pending recommendations from the 2016 meetings are summarized in [Annex III](#).

# PART I - ADVISORY COMMITTEE

## 1. Opening

The meeting of the IDMP Advisory Committee (AC) was held at the World Meteorological Organization (WMO) Headquarters in Geneva, Switzerland on 6 and 7 September 2017.

At 13:40, Robert Stefanski, Head of the Technical Support Unit of IDMP and Chief of the Agricultural Meteorology Division at WMO, opened the meeting and welcomed the participants on behalf of Donald A. Wilhite, Chair of the IDMP, who was not able to attend due to commitments in the USA. After a brief self-introduction by all attendees (see List of participants in [Annex I](#)), it was agreed that Robert Stefanski and Frederik Pischke, member of the TSU and Senior Programme Officer at the Global Water Partnership (GWP), would replace the Chair and co-chair the meetings. An overview of the order of business clarified the structure of the meeting. The Committee adopted the agenda (see [Annex II](#)) with no amendments.

## 2. Overview of activities

Robert Stefanski, Frederik Pischke and Celine Novenario, member of the TSU and Outreach Officer at WMO, gave an [overview of the activities](#) implemented since the last AC meeting in September 2016, in particular concerning the following:

- Background and governance structure of the programme;
- Implementation status of the recommendations made by the Advisory and Management Committees (AC/MC) during the 2016 meetings;
- Overall IDMP framework, based on HMNDP outputs and IDMP AC discussions over the past years;
- Other activities carried out by the TSU: IDMP regional programmes and initiatives, engagement in international processes/meetings, training activities and workshops, publications, outreach and Integrated Drought Management (IDM) HelpDesk;
- External review of IDMP Phase 1 (2013-2016);
- Work Program for the period 2017-2019.

The presentation was followed by discussions on the following main points:

- **Handbook of Drought Indicators and Indices.** Recognizing the success of the publication and the online search tool, participants highlighted the importance of developing additional knowledge products (a brochure/handbook/guidelines) on the other two pillars (vulnerability and impact assessment, mitigation and preparedness), with a view to providing users in the field with readily usable tools. In the same vein, recommendations were made for the HelpDesk to provide advice on which indicator to use. To this purpose, practitioners should be encouraged to provide feedback on how they use these indices so that this information can be shared on the website. Moreover, attendees suggested enhancing the utility of the Handbook by adding more direct links to references and tools (for instance, software) in the [Online Tool of Drought Indicators and Indices](#) as part of the development of the HelpDesk.

- **Climate Change Adaptation and Mitigation.** It was proposed to better connect to the communities working on these issues, such as the Climate Technology Centre & Network (CTCN) and the Global Center of Excellence on Climate Adaptation, to ensure broader outreach. Better linkage with the UN-Water Expert Group on Water and Climate Change was also recommended.

- **IDM HelpDesk.** Participants stressed the necessity of making the links to the HelpDesk on WMO and GWP websites more prominent, in order to grant better visibility to the programme. Translating the HelpDesk into all UN official languages would also support this aim. Furthermore, a suggestion was formulated to add a glossary of keywords to clarify the meaning of basic words often interpreted differently from one context to another. Moreover, partners emphasized that increased interaction with the Regional Climate Centres could help promote the HelpDesk and, in general, the work of IDMP.

- **Water scarcity.** The importance of clarifying the concepts of water scarcity vis-a-vis drought was highlighted. One of the outputs of this work could be a publication on the topic in cooperation with partners.

- **External review of the IDMP Phase 1.** Starting from the conclusions of the external review, participants identified new possible directions for the next phase. Among these:

a. an assessment of IDMP target audiences and their needs and, consequently, the identification of appropriate communication channels;

b. the continuation of the search for possible synergies and funding opportunities with the private sector and finance/(re)insurance industry;

c. a stronger connection with regional and national actors on all three pillars. Proactive outreach to countries with potential needs might consist of tracking poor water management as an indication of potential problems when a drought occurs;

d. special attention to the translation of knowledge products into actions by local stakeholders. Simulation games (e.g. Drought Tournaments) could be a means to test drought management policies;

e. the exploration of Science-Policy interface through collaboration with interdisciplinary teams including social scientists, economists and political scientists.

### 3. Presentation and discussion of Regional Programmes

IDMP regional project managers illustrated the activities undertaken in 2016/2017 in their regions:

- Sabina Bokal, from the Global Water Partnership Central and Eastern Europe, presented IDMP Central and Eastern Europe ([IDMP CEE](#));
- Gerald Kairu, from the Global Water Partnership Eastern Africa, introduced IDMP Horn of Africa ([IDMP HOA](#));
- Félicité Chabi-Gonni Vodounhessi, from the Global Water Partnership West Africa, gave an overview of IDMP Western Africa ([IDMP WAF](#));
- Giriraj Amarnath, from the International Water Management Institute (IWMI), provided updates on the South Asia Drought Monitoring System ([SADMS](#));

Robert Stefanski briefly highlighted recent IDMP initiatives in [South America](#) and in the [Pacific Islands](#), stressing the point that many activities are not necessarily IDMP products, but the result of partners and partnerships work. This fits into the overall strategy of presenting the IDMP as a common initiative with input from several UN Agencies – WMO, United Nations Convention to Combat Desertification (UNCCD) and the Food and Agriculture Organization of the United Nations (FAO) – and other organizations working together on drought management, and not as an entity per se.

Appreciating the many achievements at the regional level, the Committee discussed the possibility of applying the funding model used for projects in Central and Eastern Europe to

other initiatives, in particular to IDMP's sister programme, the Associated Programme on Flood Management (APFM), which is experiencing some financial straits (see APFM-IDMP Joint Meeting Report). It was concluded that, although this approach works well for regional programmes aiming to deliver products at the local level, it is not appropriate for initiatives with a global scope, since it does not provide any cost-recovery for core activities.

Concerning IDMP activities in West Africa, possible synergies were identified with: United Nations University Institute for Integrated Management of Material Fluxes and of Resources (UNU-FLORES), through the work of a PhD student from Togo conducting research on irrigation and optimization; IDMP regional project on Drought Management in West Africa; and the West African Science Service Centre on Climate Change and Adapted Land Use (WASCAL).

#### **4. Strategic issues**

##### **UNCCD COP-13 and Bolivian Drought Conference**

Robert Stefanski informed participants that IDMP was involved in the [Latin America and the Caribbean Regional Conference on Drought Management and Preparedness](#) that was held from 14-16 August 2017 in Santa Cruz, Bolivia. Jointly organized by UNCCD, FAO and WMO, with the support of the Ministry of Environment and Water of Bolivia, the event brought together around 60 delegates from Latin America and the Caribbean (LAC), as well as leading international experts, to identify regional drought challenges and good practices under the theme "Together against drought" ("Juntos contra la sequia"). During the conference, Antonio Magalhães, the consultant who carried out the IDMP External Review, coordinated a working group session on a White Paper setting a common strategic framework of drought preparedness for the LAC region. IDMP was also represented at the thirteenth session of the [UNCCD Conference of Parties \(COP-13\)](#) held in Ordos, China from 6-14 September 2017 by José Camacho, Scientific Officer at WMO and member of the IDMP TSU, who presented IDMP at COP-13 side events.

##### **FAO Global Framework on Water Scarcity in Agriculture**

Robert Stefanski presented the [Global Framework on Water Scarcity in Agriculture](#), now called Water Scarcity in Agriculture (WASAG), an initiative launched by FAO during a kickoff meeting held on 19-20 April 2017 in its headquarters in Rome, Italy. José Camacho and Manuel Fulchiron, Senior Network Officer at the GWP, represented the IDMP at the event. Considering WASAG Objectives and Guiding Principles, the Committee recommended that TSU explore possible synergies particularly with the IDMP regional programmes.

##### **Progress of the WMO Commission for Agricultural Meteorology (CAgM) Expert Team on Drought**

Allan Howard, from Agriculture and Agri-food Canada, updated participants on the work of the [WMO Commission for Agricultural Meteorology \(CAgM\) Expert Team on Drought](#). In particular, he summarized the group's main results and recommendations, which included: the definition of drought; drought life-cycle; the influence of heat, with special reference to the European (2003) and Russian (2010) heat waves; and drought indices. While showing the next steps for the Expert Team, he invited IDMP to provide feedback especially on the indices. Additionally, he reiterated the suggestion from the last AC meeting to incorporate or make use

of the work of WMO Commissions Working Groups and Expert Teams, for instance through infographics on the indices.

### **Proposed International Drought Mitigation Research Centre**

Roger Stone, from the University of Southern Queensland, introduced the proposal of an [International Drought Mitigation Research Centre](#) as a key research component of the IDMP. He illustrated the rationale behind the initiative and its core issues, stressing the added value of a collaborative research framework with a focus on management systems. The Committee supported the idea of establishing the Centre as an integral part of IDMP, including the need to avoid any duplication of efforts in the field of drought management. For this reason, it suggested creating a small team or working group to further develop the initiative and explore the possibility of obtaining contributions from national programmes to research. A request was made for the Centre to become the link between high-level policy needs and research. The Committee recommended using the CAgM Drought Expert Team report for IDMP information products in order to promote the common issues on the definition of drought and other issues.

### **5. IDM HelpDesk current status, development and partner engagement**

Robert Stefanski gave a brief overview of the [IDM HelpDesk](#), explaining the “Find” and “Connect” functions. The main focus was on the newly added “Ask” function, through which users can request assistance, browse the list of Support Base Partners (SBPs) and their drought-related activities, as well as refer to examples of questions that are usually received. Although the HelpDesk was only officially launched on 6 September 2017, IDMP TSU has already received several requests, both directly from the website and via WMO and GWP members or SBPs. Since more requests are expected, the deeper involvement of the partner organizations was solicited by Frederik Pischke, who invited them to express their opinions on how they would like to be included in the HelpDesk functionality. It was decided to continue the discussion bilaterally between each SBP and the TSU. Participants proposed developing infographics, including one that presents the HelpDesk along with a basic presentation on IDMP to promote the facility and the programme within their networks. Linking up to the Climate Technology Center and Network hosted by the United Nations Environment Programme (UNEP) and the United Nations Industrial Development Organization (UNIDO) was also suggested as a possible way to enhance visibility. Finally, the AC advised creating an FAQ section including links to guidelines and materials related to the most common questions so that users do not always have to complete the “Ask” form but can find answers to common questions already on the website.

### **6. Drought Mitigation and Preparedness: Benefits of Action and Costs of Inaction – current status of work and way forward**

Frederik Pischke provided some background on the publication [Benefits of Action and Costs of Inaction \(BACI\)](#), followed by Natalia Limones, from the World Bank, who gave a presentation on the [current status of work and way forward](#). She described in detail the outcome of the Workshop “Drought Mitigation & Preparedness: Benefits of Action & Costs of Inaction”, held on 26-27 April 2017 in Washington, DC and the development of the Discussion Paper on a Drought Risk Management Framework in Support of BACI for the Drought Mitigation & Preparedness work stream. All partners were invited to bring to the TSU’s attention any case study, presentation or article that could be relevant and worth adding to the work stream. While appreciating what had been developed so far, the AC highlighted some fields of research that

should be integrated or would require a more detailed study. Among these were: legal aspects (drought management laws or regulations), communication and dissemination to local stakeholders (i.e. how to reach out to communities), political costs of inaction (for example, corruption, institutional resistance), long-term costs of inaction (e.g. impacts on ecosystems and biological diversity, etc.), and economic arguments for drivers and barriers. Moreover, it was recommended that a categorization/prioritization of methods of economic analysis be included, together with a collection of best practices that could be applied by countries.

### 7. Marketplace of IDMP partners: 1-minute pitch to introduce partners' initiatives

Participants were given the opportunity to present in 1-2 minutes activities undertaken by their organizations that could be of interest to the other members of the AC. The following table summarizes the initiatives that were mentioned during the session:

PRESENTER	INITIATIVE
Peter Bjornsen (UNEP)	<a href="#">Flood &amp; Drought Management Tools</a>
Roger Pulwarty (NOAA)	Risk Nexus Initiative
Marc Svoboda (NDMC)	International RDMS activities in the Middle East and North Africa, Caribbean, Brazil, Czech Republic and the Greater Horn of Africa
Juan Carlos Centeno (CONAGUA)	<a href="#">PRONACOSE Mexican Multivariate Drought Monitor (MoSeMM) and Strategic Drought Risk Management</a>
Mario Lopez (IMTA)	<a href="#">Mexico's Drought Persistence Monitor (MPSMx)</a> <a href="#">UNESCO Category 2 Centre on Water Security</a>
Alexander Belokurov (UNECE)	<a href="#">UNECE Water Convention</a> Global Workshop on Climate Change Adaptation with a focus on water scarcity and droughts (11-12 December 2017).
Hwrin Kim (CHy and MOLIT)	MOLIT Water Management Information System (WAMIS)
Dasarath JAYASURIYA (BoM)	Seamless Water Forecasting initiative
Paul Barbosa (JRC)	<a href="#">JRC Drought Observatories</a>
Gregor Gregoric (DMCSEE)	DRIDanube project
Robert Stefanski (WMO)	CagM Soil Moisture Demonstration Project
Tamara Avellan (UNU-FLORES)	Remote Sensing for Monitoring Water Use and Stress in Savannas Handbook

## **8. Wrap-up**

### **Recommendations and Final Review of Future Activities**

Frederik Pischke recapped the recommendations formulated by the AC over two days of discussions and invited participants to indicate the level of priority that should be assigned to them in the implementation phase 2017/2018 (see [Annex III](#)). Several additional comments were provided, concerning the necessity to:

- involve and liaise with new partners such as the WMO Regional Climate Centres and the UNESCO Centre for Water Security in Mexico;
- explore engaging the public more actively, for instance through crowd-sourcing;
- explore opportunities to involve different industries (e.g. food processor industry, food transportation industry) in the preparedness phase, selecting the most promising sector;
- re-visit the evaluation metric starting from the 10-step approach. This would also contribute to the strengthening of the Climate Mitigation and Adaptation link;
- avoid treating drought as a weather extreme, which prevents drought management being addressed through long-term planning;
- create a roster of players in the drought spectrum that could take part in IDMP activities;
- establish an SBPs forum or a forum of actors working on drought issues where partners can inform each other on the initiatives that they are carrying out and events where IDMP could be promoted.

### **Selection of partners for Management Committee**

The selection of the representatives of the partners for the Management Committee was postponed to after lunch to allow participants to discuss the issue during the break.

### **Summary**

Frederik Pischke summarized the main recommendations of the AC, to be further discussed and endorsed by the Management Committee in the afternoon. Robert Stefanski thereupon closed the meeting, thanking participants for their participation on behalf of WMO and GWP and expressing the wish to continue working together.

At 11:59 of 7 September 2017, the Advisory Committee meeting adjourned.

## **PART II - MANAGEMENT COMMITTEE**

### **1. Opening**

The meeting of the IDMP Management Committee (MC) was held at the WMO Headquarters in Geneva, Switzerland on 7 September 2017. It was co-chaired by Robert Stefanski and Frederik Pischke, temporarily replacing Donald A. Wilhite, the Chair of the IDMP. The meeting started at around 13:30.

#### **Selection of partners for Management Committee**

In compliance with IDMP Operational Guidelines, the Advisory Committee selected Mark Svoboda, from the U.S. National Drought Mitigation Center (NDMC), and Roger Stone, from the University of Southern Queensland, as representatives of the partners in the MC. Financial partners were represented by Eelco Van Beek, for GWP; Robert Stefanski, for WMO; and Roger Pulwarty, for the U.S. National Oceanic and Atmospheric Administration (NOAA).

### **2. Discussion of progress on implementation of IDMP activities for the year 2016/2017**

Frederik Pischke showed the progress made during 2016/2017 in the implementation of the recommendations from AC/MC 2016, as reported in the [Activity Report 2016-2017](#) (pp. 6-9). Discussions arose concerning:

- Dialogue with insurance organizations. Frederik Pischke explained that conversations are ongoing with Insurance alliances about the possibility to fund drought risk mitigation actions. Furthermore, a Paper on Insurance is being developed by the GWP Technical Committee, with the aim of providing an overview of the arguments in favour of and against insurance; its completion is foreseen within the next six months. An interesting basis for comparison in this field is the work being done by NOAA to set up the Caribbean Risk Insurance Facility.
- IDM Framework Document and tools on drought impact assessment and vulnerability assessment will be given high priority. Participants exhorted the TSU to ensure that the Framework Document is consistent with all other activities.
- UNDP Cap-Net training manual on drought management. Having already utilized this material in their workshops, the IDMP Regional Programmes in Africa suggested that it should be adapted to local contexts. The MC also recommended tailoring the manual to the three pillars of IDM and connecting to existing capacity-building resources of partner organizations.
- Linkage between IDMP activities at the global and at the regional level. Noticing that the relationship between the regional and global levels could be strengthened, the Committee requested the TSU to continue improving the connection between them, making use of the work on the ground to inform initiatives at a global level. It was therefore proposed that all partners, including SBPs and the Regional Programmes, identify activities at both levels where one could support the other.

It was agreed that a table listing all pending issues would be prepared and circulated with the Meeting Report.

### 3. Oversight recommendations from Management Committee

The Management Committee reviewed and endorsed the [recommendations](#) formulated by the Advisory Committee, setting an order of priority for their implementation. Some additional remarks were formulated, which resulted in the following overall recommendations:

- **Knowledge products.** Partner organizations should be more deeply involved in the development and promotion of knowledge products. Moreover, their dissemination should include the use of interactive communication channels, like online tools, games or videos/tutorials.
- **Research Centre.** A working group would be established to discuss the proposed International Drought Mitigation Research Centre by teleconference or on the sidelines of other meetings/events. The possibility to design the research institute as a distributed centre or a network, rather than a physical facility, should be taken into consideration.
- **HelpDesk.** The translation of the HelpDesk into Spanish and French should be initiated as soon as it is finalized, starting from more static sections. Moreover, the user needs analysis should be conducted with the support of partners, who could assess their networks.
- **Capacity development.** Recognizing the added value that simulation games could bring to IDMP capacity-building activities, especially in terms of networking and thinking through at country or basin level, the MC suggested testing their use in regional programmes. To support this attempt, NDMC will provide a paper about the different methodologies to conduct simulation games.

### 4. Discussion of governance arrangements / engagement of partners

Referring to the IDMP Operational Guidelines enclosed to the [Activity Report 2016-2017](#), Robert Stefanski reminded participants of the governance structure of the programme, the status of Support Base Partners and the conditions of the Financial Partners. He also updated the Committee about the ongoing negotiations with FAO. In June 2017, a revised Memorandum of Understanding was signed, strengthening cooperation between WMO and FAO, mainly in the framework of the Global Framework on Water Scarcity in Agriculture and references to IDMP. Finally, he encouraged partners to further engage in IDMP activities, highlighting that their contribution would be recognized through, inter alia, the use of their logo on all initiatives implemented with their support.

### 5. Presentation of financial report 2016 and 2017

Frederik Pischke illustrated the Expenditure Report for the period January-December 2016. Partners were invited to provide their expenditures, so that the substantive support from partners could also be recognized in the financial reporting.

A tentative budget for the year 2018 was presented, based on an estimated budget and on the activities foreseen in the [Work Programme 2017-2019](#). It was suggested that the major reduction predicted in regional activities could be compensated by a focus on resource mobilization and with better involvement of the Regional Climate Centres.

### 6. Staffing situation and liaison with APFM

The staffing situation of the TSU was described to the Committee, including the co-location of some staff to both IDMP and APFM. In brief, the TSU depends on part-time staff from WMO

(Head of TSU, Outreach Officer and Scientific Officer) and GWP (Senior Programme Officer) based at WMO. Additionally, IDMP liaises with WMO Commissions and Working Groups, including those not strictly related to its focus. In light of this, the MC recommended reinforcing the linkage to the Global Framework for Climate Services (GFCS) through the Commission for Climatology (CCI).

## **7. Medium and longer-term funding situation**

In view of the reduction of funds due to the end of the support by Environment Canada, the MC discussed several funding opportunities in the medium and long-term for IDMP. These included: the Green Climate Fund, the Adaptation Fund, the Climate Risk and Early Warning Systems initiative (CREWS), the Global Facility for Disaster Reduction and Recovery (GFDRR), and the Australian Government (through the SBP University of Southern Queensland). Other potential financial contributors could be identified thanks to a mapping exercise of donor opportunities conducted by GWP. Participants also proposed linking IDMP to other initiatives in order to obtain shared funding, as well as to make the case to other UN or governmental agencies, like the Korea Water Resources Corporation (K-water). A meeting on international cooperation organized by the Korea Meteorological Administration (KMA) at the end of the year was pointed out as an opportunity to seek donors for core activities. The Committee recognized that, to obtain financial support through calls for proposals, IDMP should enlarge the scope of its projects to include gender and vulnerable population issues.

## **8. Consideration and decision of action plan/activities for the year 2017/2018 and 2017-2019 Work Programme as recommended by the Advisory Committee Meeting**

Robert Stefanski reminded the participants that the [Work Programme for 2017-2019](#) is a living document that will be complemented based on the AC and MC recommendations.

## **9. Concluding remarks**

Robert Stefanski closed the meeting thanking all participants for their valuable contribution to the discussions. He reminded them that the AC/MC meetings reports would be available by the end of September and invited partners to provide comments. Eelco Van Beek, on behalf of GWP, also expressed his gratitude to the SBPs for their input and to the TSU for its work and for chairing the Committee. This being his last meeting due to his forthcoming retirement, Byong Lee, President of the WMO Commission for Agricultural Meteorology, took the occasion to give his compliments to IDMP for the many important achievements and wished best results in the future.

The meeting adjourned at 16:00 on 7 September 2017.

## ANNEX I – LIST OF PARTICIPANTS

### IDMP Advisory and Management Committee Meetings 6-7 September 2017

ORGANIZATION	NAME	E-MAIL
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## ANNEX II – AGENDA

### Advisory Committee Meeting of the Integrated Drought Management Programme (IDMP)

**Wednesday, 06 September 2017, 13:30 – 17:30  
and Thursday, 07 September 2017, 09:00 – 12:00**

**Venue:** WMO; 7bis, avenue de la Paix; CH-1211 Genève  
**Meeting Room:** Press Room, ground floor in the WMO building

#### Wednesday, 06 September

Time	Item
13:30 – 14:00	Welcome, round of introduction, adoption of agenda
14:00 – 15:00	Overview of activities <i>(Presentation by IDMP Technical Support Unit)</i> <ul style="list-style-type: none"> <li>▪ Overview of the follow-up of the recommendations of the 2016 IDMP Management Committee Meeting</li> <li>▪ Overview of activities in 2016/2017</li> <li>▪ External Review of the IDMP phase 1 (2013-2016)</li> <li>▪ Overview of 2017-2019 Work Programme</li> </ul>
15:00 – 15:30	Tea/ Coffee break
15:30 – 16:30	Presentation and Discussion of Regional Programmes <i>(10-minute presentation each followed by discussion)</i> <ul style="list-style-type: none"> <li>▪ IDMP Central and Eastern Europe</li> <li>▪ IDMP Horn of Africa</li> <li>▪ IDMP West Africa</li> <li>▪ South Asia Drought Monitoring System</li> <li>▪ South America</li> <li>▪ Pacific Islands</li> </ul>
16:30 – 17:00	Strategic issues: <ul style="list-style-type: none"> <li>▪ Progress of the WMO Commission for Agricultural Meteorology Expert Team on Drought</li> <li>▪ UNCCD COP-13 and Bolivian Drought Conference</li> <li>▪ FAO Global Framework on Water Scarcity in Agriculture</li> <li>▪ Proposed International Drought Mitigation Centre</li> </ul>
17:00 – 17:30	Marketplace of IDMP partners: 1-minute pitch to introduce partners' initiatives

**Thursday, 07 September**

<b>Time</b>	<b>Item</b>
09:00 – 09:30	IDM Help Desk current status, development and partner engagement
09:30 – 10:00	Drought Mitigation & Preparedness: Benefits of Action & Costs of Inaction – current status of work and way forward
10:00 – 10:30	Tea/ Coffee break
10:30 – 11:00	Discussion on strategic direction of IDMP Update and Co-Sponsoring International Organizations 3 Year Work Programme of IDMP 2017 - 2019
11:00 – 12:00	AOB and Wrap-up <ul style="list-style-type: none"><li>▪ Recommendations and Final Review of Future Activities</li><li>▪ Selection of Partners for Management Committee</li><li>▪ Summary</li></ul>

**Management Committee Meeting of the  
Integrated Drought Management Programme (IDMP)**

**Thursday, 07 September 2017, 13:30 – 17:30**

**Venue:** WMO; 7bis, avenue de la Paix; CH-1211 Genève  
**Meeting Room:** Press Room, ground floor in the WMO building

<b>Time</b>	<b>Item</b>
13:30 – 13:45	Welcome and Introduction
13:45 – 14:15	<ul style="list-style-type: none"><li>▪ Discussion of progress on implementation of IDMP activities for the year 2016/2017</li><li>▪ Oversight recommendations from Management Committee</li></ul>
14:15 – 14:45	Discussion of governance arrangements/ engagement of partners
14:45 – 15:15	Tea/ Coffee break

15:15 – 16:45	<ul style="list-style-type: none"><li>▪ Presentation of financial report 2016 and 2017</li><li>▪ Staffing situation and liaison with APFM</li><li>▪ Consideration and decision of action plan/ activities for the year 2017/2018 and 2017-2019 Work Programme as recommended by the Advisory Committee meeting</li><li>▪ Discussion and recommendation on draft budget 2017 and 2018</li><li>▪ Medium and longer-term funding situation</li></ul>
16:45 – 17:30	AOB Concluding Remarks

## ANNEX III – RECOMMENDATIONS BY THE ADVISORY COMMITTEE

(Endorsed by the Management Committee)

### GENERAL RECOMMENDATIONS

Recommendations	Link to regional / national initiatives / partners	Priority	Timeline
<p>Try to connect to Climate Change Adaptation and Mitigation communities for better visibility (inform with drought management knowledge)</p> <p>Connect to CTCN (UNFCCC Copenhagen)</p> <p>Connect to the Global Center of Excellence on Climate Adaptation (Netherlands, Japan, UNEP)</p>	-	Medium	TSU to reach out to other partners by end of 2017
<p>Explore Science-Policy interface – collaborate with interdisciplinary teams including social scientists, economists, political scientists (distill lessons learned on drought management)</p>	<p>Connect with project “Drought Research, Science, Policy Interface – DROUGHT R&amp;SPI” (<a href="http://www.eu-drought.org/">http://www.eu-drought.org/</a>)</p>	High	TSU to reach out to other partners by end of 2017
<p>Explore cost recovery options (link to Business Model developed by APFM)</p>	-	Medium	Continue to liaise with APFM (2018)
<p>Continue to find synergies between regional programmes and global component</p>	-	Medium	TSU to discuss with regional programmes (Dec 2017-Mar 2018)
<p>Increase interaction with Regional Climate Centres</p>	-	High	WMO to liaise with RCCs by end of 2017
<p>Better characterize the IDMP target audiences - Conduct user needs analysis</p>	<p>BoM to support Use WMO surveys as well</p>	High	<p>- TSU to start analyzing surveys by end of 2017</p> <p>- If needed, conduct additional surveys in 2018</p>
<p>Identify the appropriate communication channels with IDMP partners and IDMP target audiences</p>	-	Medium	Continuous
<p>Consider future management issues given differences in time</p>	-	Low	Summer 2018

scale between flood and droughts			
Make a better connection with UN-Water Expert Group on Water and Climate Change	-	Low	TSU to liaise with UN-Water by end of 2017
Explore how to engage different industries in preparedness phase – pick most promising industry	-	Low	Summer 2018
Explore developing a forum of actors working on drought issues / Develop a roster of players in the drought spectrum to engage	-	Low	TSU to further develop these items based on existing activities (end of 2017)
Continue dialogue with a view for suitable funding opportunities with finance/(re)insurance industry	-	Medium	Summer 2018

### KNOWLEDGE PRODUCTS

Recommendations	Link to regional / national initiative / partners	Priority	Timeline
Ensure that knowledge products can be translated into actions		Medium	Continuous
Finalize Integrated Drought Management Framework Document (include learning from IDMP e.g. 10 step process)		High	Second draft to send for review by Nov 2017 - Publication in 2018
Develop knowledge product (a brochure/handbook/guidelines) on pillar vulnerability and impact assessment [2016 recommendations - Develop focus and method on Risk, Vulnerability and Impact Assessment]	UNCCD PRONACOSE DriDanube (&IDMP CEE) (working on developing common methodology for impact and risk assessment for the Danube region)	Highest	TSU to liaise with UNCCD and other partners by Nov 2017
Develop knowledge product (a brochure/handbook/guidelines) on pillar mitigation and preparedness	DriDanube (&IDMP CEE) working on developing a strategy which will give clear guidance for	Highest	TSU to liaise with partners by Jan 2018

	improvement of decision-making process in all parts of the drought management cycle (monitoring –impact assessment– response– recovery– preparedness) in the Danube region		
Revisit our evaluation metric starting with the 10 steps	IDMP CEE (testing 7steps approach for developing national action plans (example of Slovakia)	Medium	TSU to review in early 2018
Add to indicators/indices information on where they are used		Low	TSU to collect / analyze existing WMO surveys and IDMP online Handbook responses (Apr 2018)
Focus on differences and similarities between water scarcity and drought (possible publication with partners)		Medium	TSU to liaise with FAO and other partners (Dec 2017- Mar 2018)
Use CAgM Drought Expert Team report for IDMP information products		High	Early 2018 – when Expert Team report is completed
BACI (Benefits of Action – Costs of Inaction): Publish Discussion Paper		High	WB & TSU to publish by end of 2017
BACI: Economic argument for drivers and barriers to be developed		High	After publication of Discussion Paper (2018)
BACI: Categorization/ Prioritization of methods of economic analysis		High	After publication of Discussion Paper (2018)
Explore opportunities of crowd-sourcing		Low	Summer 2018

## RESEARCH

Recommendations	Link to regional / national	Priority	Timeline
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	<b>initiative / partners</b>		
Establish small team / working group on the International Drought Mitigation Research Centre		Highest	TSU to liaise with partners in Oct-Nov 2017 and establish working group
Connect the high-level policy needs to research (possible International Drought Mitigation Research Centre)		High	Working Group to examine in 2018
Ensure International Drought Mitigation Research Centre is an integral part of IDMP and that there's no duplication		High	Working Group to examine in 2018
Explore contributions from national programmes to research		High	TSU to explore in 2018

#### HELPDESK

<b>Recommendations</b>	<b>Link to regional / national initiative / partners</b>	<b>Priority</b>	<b>Timeline</b>
More direct links to references and tools (software) on drought indicators/indices	Link with the DriDanube Drought User Service (innovative monitoring tool for the Danube region)	Medium	TSU to liaise with NDMC and other partners to make links to online references
HelpDesk should have an advisory role on which indicator to use		Medium	TSU to promote role – Continuous
Translation of the HelpDesk/website in all UN languages		High	TSU to explore costs and sustainability in early 2018  - Basic pages in French and Spanish in early 2018
More visible HelpDesk links on the WMO Public and GWP website		High	TSU to do in Oct/Nov 2017
Adding a glossary of keywords		Medium	2018

Track where water management is poor as an indication of potential problems when a drought occurs (proactive manner of reaching out to countries with potential needs)	UNEP-DHI	Medium	TSU to explore with UNEP-DHI and other partners in first half of 2018
Connect with regional and national products/actors on all 3 pillars (IDMP website)		High	- TSU to start on Drought monitoring pillar by end of 2017 - Vulnerability Mar 2018 - Preparedness Jul 2018
Infographic for IDMP showing the services the IDMP provides – and translate into one slide of the services the IDMP provides for partners to include in their outreach		High	TSU to make this by end of the 2017
Maintain “Connect” function as is and continue conversation with partners on how to develop further		Medium	Continuous
Follow-up with IDMP partners not yet included in the Support Base Partners of the HelpDesk		High	Continuous

#### CAPACITY DEVELOPMENT

Recommendations	Link to regional / national initiative / partners	Priority	Timeline
Explore the use of simulation games to test drought policies/management (Drought Tournaments)	NIDIS, NDMC	Medium	TSU staff to participate in US Drought Tournaments as possible
Work with UNDP Cap-Net to revise drought management training manual	UNDP Cap-Net	High	TSU to start discussions with Cap-Net by end of 2017

## **ANNEX IV – IDMP ACTIVITY REPORT 2016/2017 and WORK PROGRAMME 2017/2019**

To access the reports, please follow this [link](#).