

Virtual Exchange

Next-Generation Drought Monitoring and Early Warning Systems

27 May 2025

Agenda

- IDMP Updates – Robert Stefanski, WMO; Sabina Bokal, GWP;
- Presentations of Drought Monitors and Drought EWS – Beatrice Giovinazzo, WMO:
 - **Swiss National Drought Platform – Dr. Fabia Hüsler**, Federal Office for the Environment (FOEN), Switzerland
 - **Brazil Drought Monitoring platform – Prof. Eduardo Sávio P. R. Martins**, Institute for Research in Meteorology, Water Resources and Environment (FUNCEME)
 - **East Africa Drought Watch – Mr. Jason Kinyua**, IGAD Climate Prediction and Applications Centre (ICPAC)
- Marketplace – Robert Stefanski, WMO



IDMP Calendar 2025

- Bi-annual APFM/IDMP GPDRR meeting, 5th June 2025, 12:45 – 14:15, invites will soon be shared
- Tentative joint IDMP-FAO Virtual Exchange on Gender Equality and Social Inclusion (GESI), 24th June 2025
- Potential Update Meeting in October piggybacking on drought community meeting
- Tentative IDMP Virtual Exchange, September 2025 (topic suggestions welcome)
- Tentative IDMP Virtual Exchange, November/December 2025 (topic suggestions welcome)
- **Annual Meeting in February/March 2026** (new annual cycle based on survey)



Launch of the Baseline Assessment of Drought Impact Monitoring



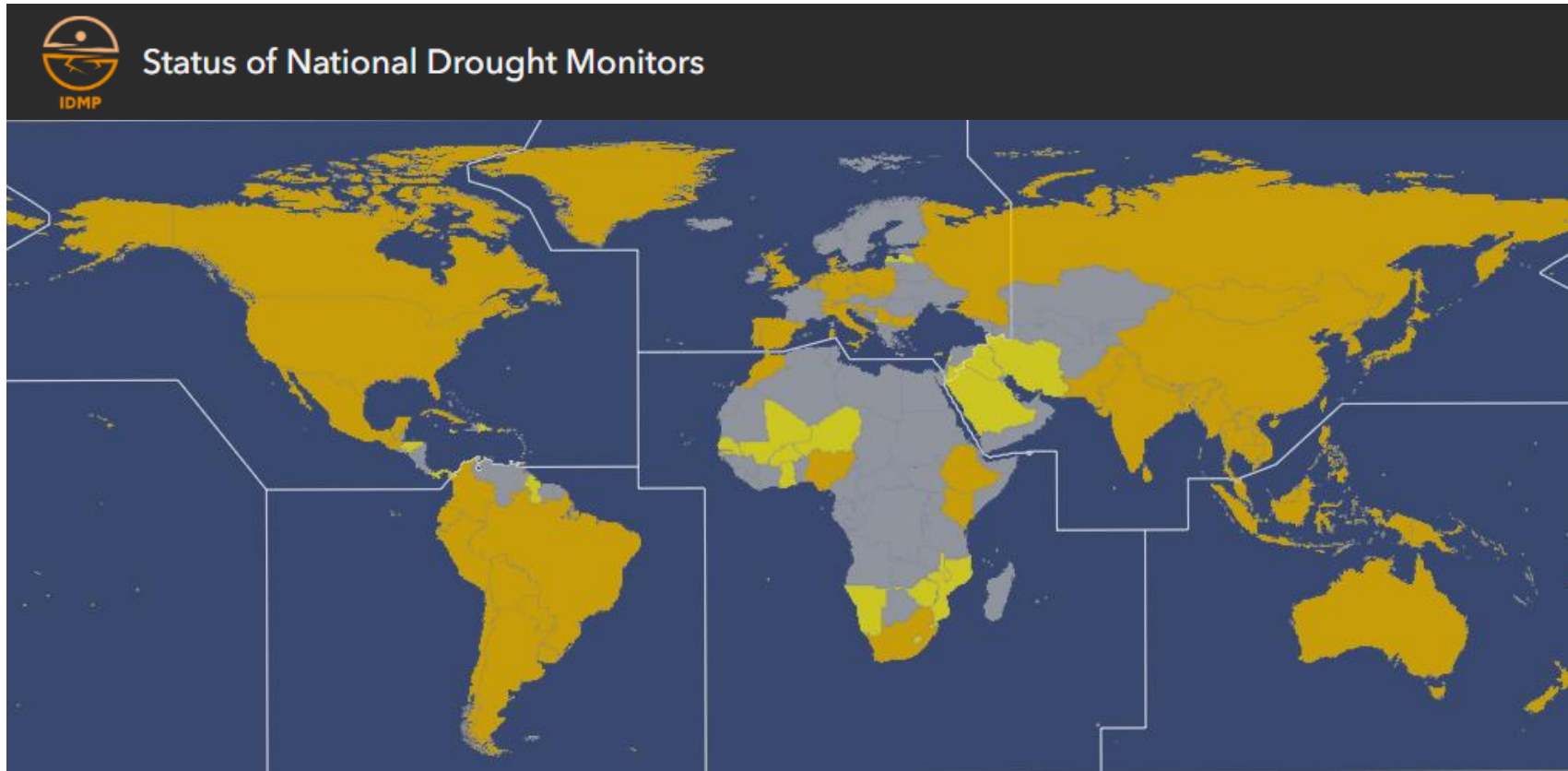
The report:

- Presents a comprehensive global overview of current drought impact monitoring practices.
- Highlights case studies from diverse geographic and institutional contexts – regional, basin-level, national, and sector-specific.
- Identifies good practices and enabling conditions for effective monitoring.
- Lays the groundwork for operational guidelines to support countries in establishing or refining their own monitoring systems.

Read the Report



IDMP Drought Mosaic – Early version drought monitor



Check the map

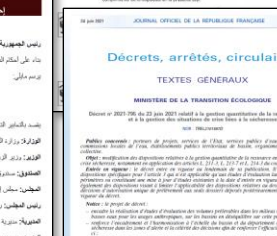
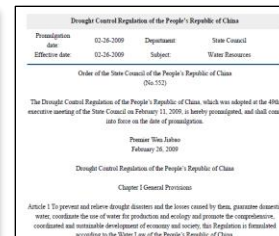


World Drought Legislation Repository and Tools for the Assessment and Drafting of Drought Legislation

Objectives:

- Database of drought legislation from a variety of sectors, including water, agriculture, environment, finance, etc.
- Definitions of different types of drought legislation, e.g. drought law, regulation, plan, policy, strategy, etc.
- Rapid legal assessment tool to guide the policy process for drought legislation.
- Template terms of reference for developing drought legislation.

Currently finalizing, will be shared for community review soon.



Guidelines on Drought Impacts Data Collection

November 2024

for the Integrated Drought Management Programme

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² Global Water Partnership

³ World Meteorological Organization

⁴ U.S. National Drought Mitigation Center, University of Nebraska-Lincoln

Will be shared for community review soon!



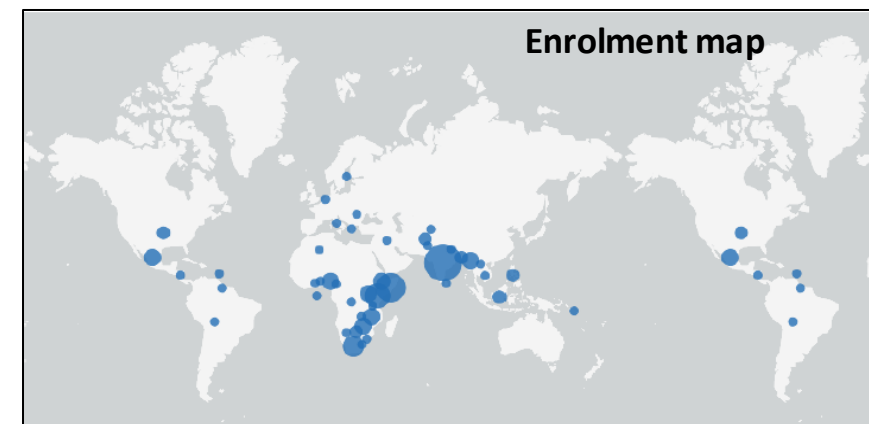
IDMP online course: Monitoring and Early Warning (3rd relaunch)

- Online and free course available in English and French
- The course will be open until November 2025
- New course on Pillar 2 in collaboration with UNCCD - Launch planned for September 2025.

Course structure:

- **Module 1:** Drought concepts and risk management approaches
- **Module 2:** Introduction to drought indices and indicators
- **Module 3:** Selecting regionally relevant indices and indicators
- **Module 4:** Practical application of drought monitoring and forecasting tools

	Total outreach	Course started	Certificates
English	769	440	210
IDR French	67	34	14



Go to the course



Integrating Gender Equality and Social Inclusion (GESI) in national drought management planning

- **GESI as an essential Tool for Drought Resilience**
- Collaboration between the **Food and Agriculture Organization of the United Nations (FAO)**, the Integrated Drought Management Programme (IDMP), the World Meteorological Organization (WMO) and the Global Water Partnership (GWP)



- Recognizes women and all social groups as key actors in effective drought management.
- Presents a **step-by-step method to integrate GESI into drought plans and policies.**
- Provides tools, best practices, and recommendations to support fair, resilient, and inclusive drought responses.



Integrating Gender Equality and Social Inclusion (GESI) in national drought management planning



ONLINE COURSE

- **Provides practical tools to integrate gender equality and social inclusion (GESI)** into national drought planning, based on real-world case studies and policy frameworks.
- **Developed by FAO, WMO, GWPCEE, and GWPSA**, the course is **freely available online**
- **Designed for policy-makers, technicians, and practitioners**, the course includes a **step-by-step guide** to applying GESI across all phases of drought management.

Go to the course



IDMP Community of Practice

A Global Hub for Integrated Drought Management Knowledge & Collaboration
Community growth: currently 253 members

- **IDMP CoP is now part of the WMO Water and Climate Communities** – more interactive space and wider network for collaboration on drought, water, and climate challenges.
- **Log in with your existing credentials** to access the new platform—no new account needed!
- **Recent focus area** – drought monitoring platforms – **Join our pre- and post- event discussion on "Next-generation drought monitoring."**

We've moved to a new platform!



Join our community!





Thank You!

Thank you!



ASK

Ask for assistance on integrated drought management



FIND

Find knowledge resources on integrated drought management



CONNECT

Join our Community of Practice to CONNECT with our partners and other drought experts, practitioners and stakeholders.

www.DroughtManagement.info