



Flood and Drought Management Tools update

Vol. 7

Flood and Drought Management Tools (FDMT) project status

The FDMT brings a unique approach to integrated water resource management by bringing together basin organisations and water utilities to work hand in hand to ensure water security across scales. The FDMT project is currently developing a methodology for stakeholders to enable the integration of information on floods and droughts into their existing planning processes.

Using stakeholder inputs, the project continues to develop and improve the technical tools with the following functionalities:

1. Web based portal for data availability (remote sensing data)
2. Indicator selection tool
3. Impact tools which include catchment runoff, crop demand and water resource
4. Planning tools to evaluate the impact of planning intervention
5. Climate change robustness tool to evaluate the robustness of a specific plan towards climate change
6. Reporting tool for dissemination
7. Tools to support planning across scale (TDA, SAP, IWRM, WSP)

The first tools are scheduled to be released for stakeholder testing during the late part of 2016.

To read more about the latest technical status, please click [here](#).

Past events

Project events:

- [WMO/GWP Meeting](#) | 14 September 2016 | Geneva, Switzerland
- [Financing climate change adaptation in transboundary](#)

News



[Workshop in Myanmar: "From Data and Information to Planning"](#) | HAIL



[Threatened food security in Kenya](#) | Eng David Onyango, Joshua Oria, George Odero and Harriet Ashoro

Project presentation



[Reducing the risk of future floods and droughts requires a close linkage between policy, water management and technical tools](#) | IWA

[basins](#) | 13-14 September 2016 | Geneva, Switzerland

- [Workshop in Myanmar: From Data and Information to Planning](#) | 5-6 September 2016 | Myanmar
- [1st Asian Science and Technology Conference for Disaster Risk Reduction](#) | 23-24 August 2016 | Bangkok, Thailand
- [6th Africa Water Week](#) | 18 - 22 July 2016 | Dar es Salaam, Tanzania

Other related events:

- [Water Safety Plans: An Online Distance Learning Program](#) | 3 October - 11 December 2016

Upcoming events:

- [IWA World Water Congress & Exhibition](#) | 9 -14 October 2016 | Brisbane, Queensland, Australia

If you are aware of any relevant events, please let the Project Management Unit (PMU) know!

[Drought Resilient Water Management Workshop at the IWA World Water Congress & Exhibition 2016](#)

Monday, October 10th, Brisbane, Australia

How are current planning practices and tools used to ensure drought resilient solutions and how can they be improved?

Drought is an important issue for integrated water resources management and planning. Decision Support Systems for drought planning and management should provide decision makers with an effective and systematic means of assessing current and future drought conditions, developing mitigation and developing response options to minimize economic stress, environmental losses, and social hardship. The objective of the workshop are as followed:

1. Exchange of practical examples of drought resilient water management practices and methods for short- and long-term water planning
2. Share information on how to prepare for a changing climate where drought events might occur more frequent and in locations where drought is not incorporated into the current practice
3. Discuss on how to include drought resilient into current planning methods, requirements for data, tools, knowledge, etc.
4. Gain insight into future tools or practices for ensuring drought resilient water management practices

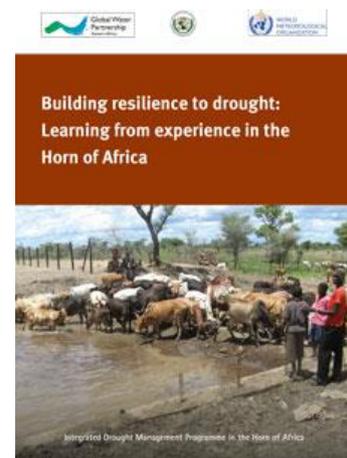
Other news

[Kenyan scientist introduce software to predict drought](#) | SABC

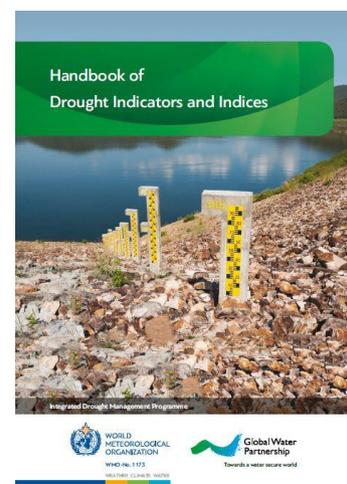
[Africa droughts prompt calls to start pumping untapped groundwater](#) | the Guardian

[Flood mapping made easier in Bihar](#) | ICIMOD

Resources



[Building resilience to drought: Learning from experience in the Horn of Africa](#) | IDMP HOA

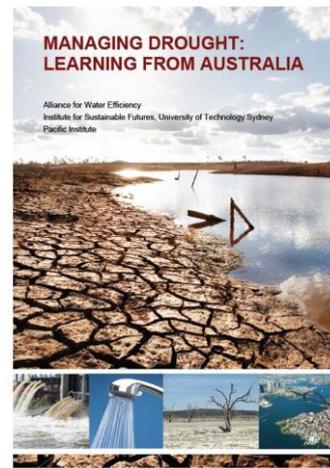


[Handbook of Drought Indicators and Indices](#) and [webtool](#) | GWP and WMO

[Basin Leaders Forum at the IWA World Water Congress & Exhibition 2016](#)

Wednesday, October 12th, Brisbane, Australia

The Basin Leaders Forum will provide an opportunity for basin organisations, catchment authorities as well as water resource managers from sectors across river basins (e.g. mining, energy, industry, agriculture, etc.) to share knowledge and experiences and explore viable pathways for sustainable, economic, social and environmental development of catchment areas. The Forum intends to connect multisector stakeholders with a prime interest in developing and sustaining water resources at the catchment level. Furthermore, the Basin Leaders Forum will be a stepping stone for development of an "IWA Action Agenda for Sustainable Basin Management" which will provide guidance to better manage water resources across scales especially for urban and industrial areas through actions at the catchment level.



[Managing drought: Learning from Australia](#) | Alliance for Water Efficiency, Institute for Sustainable Futures (University of Technology Sydney) and Pacific Institute

Other business

The FDMT project kindly request any relevant news items or blog postings as well as additional communication material for the project to communicate. These do not need to be linked to the FDMT project.

Please feel free to distribute this newsletter to your wider network and if you have any questions for the project, please do not hesitate to contact us.

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