



## Flood and Drought Management Tools update

Vol.8

### Flood and Drought Management Tools (FDMT) project status

The FDMT has now completed the [Data Portal](#) and the Indicator tool which are part of the decision support system. Use the option for seeing a demonstration on how the data portal works in the Volta basin by clicking on the link on the login page. The data portal is a web based portal providing basic data set for planning for transboundary basins. The data are based on near real time satellite data and includes climate data, drought and flood related data. These data will support planning at both basin and local level and provide basic data set for stakeholders and decision makers in these cases where data are not available.

The focus of the upcoming months will be to finalise the first version of the Water Safety Planning tool (WSP tool) and undertake a testing phase to get feedback from utilities to improve their operational planning. The WSP tool is expected to be available for the project stakeholders in April-June 2017. The project also continues to develop and improve a range of other technical tools as the drought assessment tool and the planning tool. These tools will be reported once they will be available for use.

### News



[Malawian delegations technical visit to HAIL | HAIL](#)



[Records can be broken: Lessons from the Millennium Drought | Jane Doolan, University of Canberra](#)

## Launch of a FDMT webinars series

The aim of this webinar series is to give insight to the role that innovative approaches can play in supporting floods and droughts management at all scales - from basin to catchment, water utility and industry levels. Presentations will cover a broad range of technical tools, emerging technology advances, as well as practical experiences in applying these tools and technologies on ground.

The first webinar was on November 24th, 2016 on "[Use of satellite data for drought and flood management](#)" by Oluf Jessen (DHI) and Bertrand Richaud (DHI). For more information about future webinars in Flood and Drought Management series, please click [here](#). All webinars will be recorded.

### Past events

#### Project events:

- [Workshop : Drought Resilient Water Management](#) | 9 -14 October 2016 | Brisbane, Queensland, Australia

#### Other related events:

- [From sub-seasonal forecasting to climate projections: predicting hydrologic extremes and servicing water managers Session](#) | 23-28 April 2017 | Vienna, Austria

#### Upcoming events:

- [Webinar : Drought management today - Cases from Asia](#) | 12 January, 2017
- [Webinar: Drought early warning and assessment, experiences from Ghana](#) | February 28, 2017
- 3rd Project Steering Committee | 5-7 April 2017 | Akosombo, Ghana

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



[Prime Minister Rugunda opens remote sensing conference in Uganda](#) | Doreen Nasasira, Office of the Prime Minister Uganda



[New weapons for water management](#) | Gareth James Lloyd (UNEP-DHI) and Oluf Zejlund Jessen (DHI)

### Topic related publications and projects

[Shallow-water simulations by a well-balanced WAF finite volume method - A case study to the great flood in 2011, Thailand](#) | Thida Pongsanguasin, Montri Maleewong and Khamron Mekchay (Kasetsart University, Thailand)

### Other relevant projects

Ecosystem based approaches to enhance climate change resilience of river basin communities in Thailand ([paper](#) and [brochure](#)) | GIZ-ECOSwat

### **Basin inventories**

We are compiling for each pilot basin (Lake Victoria Basin, Volta Basin and Chao Phraya Basin) an inventory which will provide an overview of related projects. These basin inventories is useful in ensuring that the project is complementing and exchanging information with other project and groups of stakeholders working on issues around flood and drought management. If there are any new project, initiatives, programmes, please let us know by sending an email to Raul Glotzbach [Raul.Glotzbach@iwahq.org](mailto:Raul.Glotzbach@iwahq.org) so that we can keep the inventory updated.

### **Other business**

The FDMT project kindly requests 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.



## Contacts

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