

Agenda

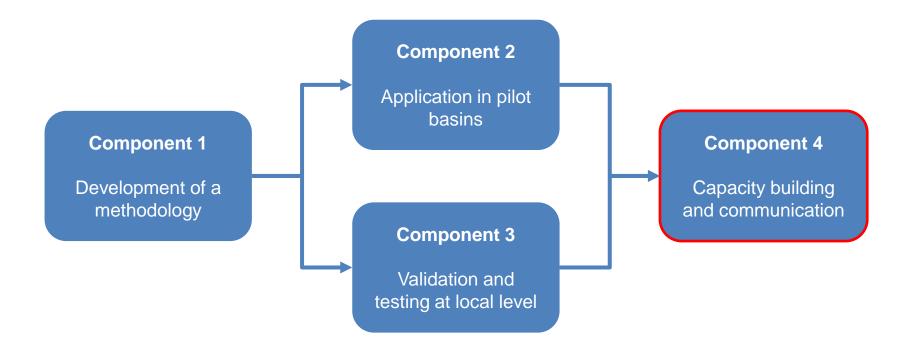


- Outcomes and outputs
- Updates in 2018
- Lessons learned
- Next steps
- Discussion

Components







Component 4 – Capacity Building and Communication



Outcome 4.1 - Experience and know how gained through the project is made available within the GEF system and beyond

Output 4.1.1 - Learning package including technical specifications and training materials for the application of the new methodology with DSS tools is tested (in 2-3 trainings with basin officials, utility and industry management and operational staff, and representatives from civil society with 15-30 people per training).

Component 4 – Capacity Building and Communication



Outcome 4.2 - Global dialogue on water security and adaptation to climate variability and change enriched by the dissemination of project outcomes

Output 4.2.1 - Communication approach developed to disseminate F&D methodology within pilot basins, GEF basins, and to other relevant end users.

Output 4.2.2 - 2-3 Experience Notes and other documents and audio-visual materials produced for IW LEARN dissemination mechanisms and website.

Output 4.2.3 - Development of materials (4-5) developed and disseminated at major water events: WWF, Water Week, GEF IWC 7/8/9, and IWA Conferences.

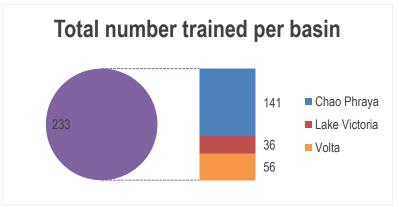


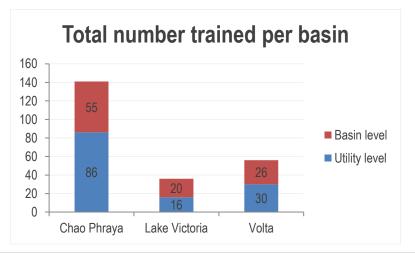
Updates

Capacity building and stakeholder engagement

- 233 people trained over 4 years
 - 141 Chao Phraya Basin
 - 36 Lake Victoria Basin
 - 56 Volta Basin

Fairly even distribution across scales per basin











- Chao Phraya Basin (24-26 November 2015)
- Lake Victoria Basin (26-29 January 2016)
- Volta Basin (8-11 February 2016)
- From data and information to planning Part 1: Yangon, Myanmar (5-6 September 2016)
- From data and information to planning Part 2: Bangkok, Thailand (6-9 December 2016)
- Technical training (HAII): Bangkok, Thailand (8-9 December 2016)
- Technical training (MWA and PWA): Bangkok, Thailand (13-15 December 2016)









- Volta Basin: Accra, Ghana (27-31 March 2017)
- Lake Victoria: Kisumu, Kenya (12-14 June 2017)
- Chao Phraya Basin Utility training (27-28 November 2017)
- Chao Phraya Basin Basin training (29 November – 1 December, 2017)
- Volta Utility training (ONEA) (11-13 April 2018)
- Volta Utility training (Ghana Water Company Limited) (16-18 April 2018)
- Chao Phraya MWA training (27 April 2018)
- Chao Phraya MWA training (9-10 May 2018)











- Lake Victoria Utility training (22-24 May 2018)
- Chao Phraya Basin training (11-14 June 2018)
- Chao Phraya Utility training (18-20 June 2018)
- Lake Victoria Basin training (26-28 June 2018)
- Volta Basin Basin training (26-28 September 2018)



Awareness workshops







- Chao Phraya Basin Flood and Drought Symposium (23 November 2015)
- Volta Basin Understanding the value of a DSS (30 September 2015)
- Volta Basin Awareness and knowledge exchange (12 February 2016)
- Lake Victoria Basin LVBC promoted the project and its outputs at their Regional Policy Steering Committee meeting and Council of Ministers meeting



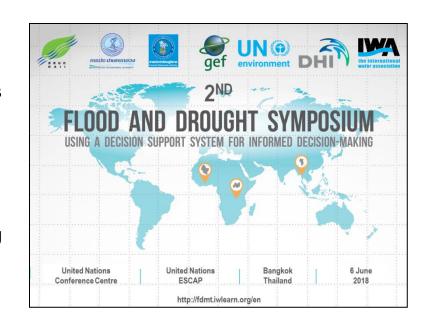
Awareness workshops







- 2nd Flood and Drought Symposium (6 June 2018) – Bangkok, Thailand
 - Jointly hosted by HAII, Metropolitan Waterworks Authority (MWA) and the Provincial Waterworks Authority (PWA),
 - Showcase and discuss the national vision on flood and drought management from different perspectives
 - Present on the strategies and approaches being used to effectively prepare and respond to current and future challenges
 - Raise awareness on the Flood and Drought Portal
 - Promote key stakeholders as the current and future champions of the Flood and Drought Portal



Awareness workshops







- Planning for Floods and Droughts: Reflections and Future Opportunities (2) October 2018) - Nairobi, Kenya
 - Highlight the ongoing transition towards using data tool solutions in water management with FDMT perspectives
 - Opportunity to share experiences and the future vision for managing water resources in transboundary basins
 - Raise awareness and ownership of the Flood and Drought Portal applications as a mechanism to address current and future water challenges
 - Official hand over the completed Flood and Drought Management Tools to GEF and key stakeholders





Updates

Communication, dissemination and stakeholder engagement

Modes of communication, dissemination and

engagement

- Website: http://fdmt.iwlearn.org/
- Information sheets
- Newsletter every 2-3 months
- Blogs, articles and press releases
- Experience notes
- Videos
- Infographics
- Posters
- Webinars
- Learning material
- Events



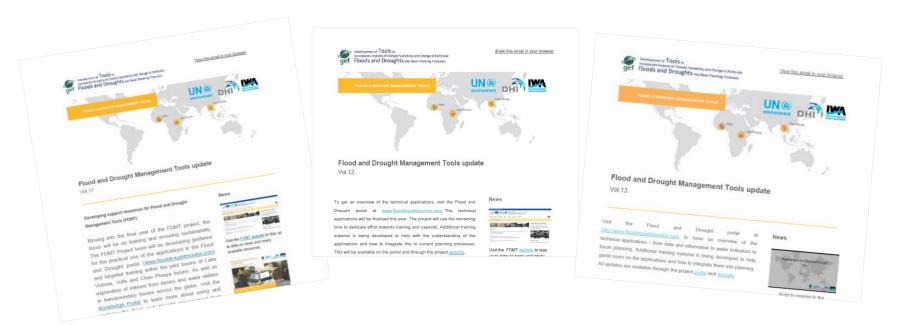
Newsletter







- 13 editions http://fdmt.iwlearn.org/docs/newsletters
 - Provides an update on the project
 - Profiles stakeholder initiatives, programmes and projects



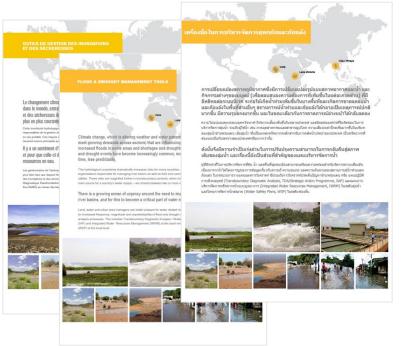
Information sheets







Project overview, basin overview, basin planning, utility planning, drought and flood management (English, French, Thai)







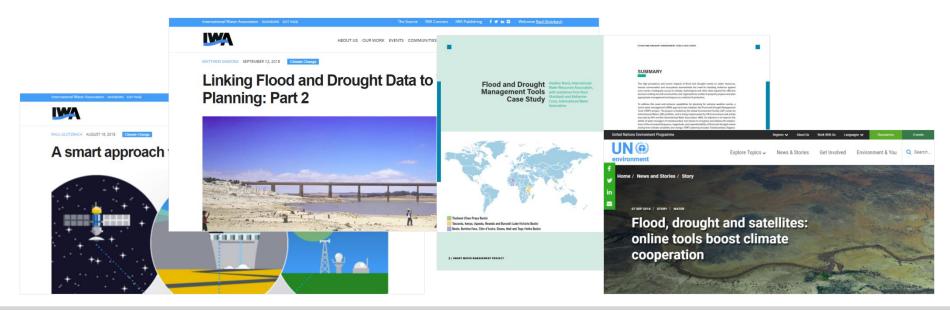
Blogs, articles and press releases







- Over 45 blogs, articles and press releases http://fdmt.iwlearn.org/news
 - Topical, technical applications, events
 - Partner contributions (e.g. HAII, Emanti Management Group Ltd., International Water Resources Association, UN Environment)



Experience notes

- 2 experience notes http://fdmt.iwlearn.org/ resources/experience note
 - Stakeholder engagement to develop applications for flood and drought planning
 - Incorporating climate information into Water Safety planning



Stakeholder engagement to develop applications for flood and drought planning



Flood and Drought Management Tools (FDMT) project provides a decision support system (DSS) is e form of online tools accessed through a portal for transboundary basin organisations and water lities to better cope with climate variability and the effects of climate change, especially floods and oughts. The Flood and Drought Portal (<u>www.flooddroughtmonitor.com</u>) offers a series of technical plications and a methodology to support existing planning approaches such as transboundary

SSs often suffer from low uptake in practice, as the intended users may not be included in their ption, design and later stages. The FDMT project has employed a user-centered approach in ing, training and awareness-raising activities. The project has worked alongside pilot basin lers from Volta, Lake Victoria and Chao Phraya basins and has sought input from a diverse nge of stakeholders in the regions at every development stage.

A combination of engagement strategies have been used including: Face-to-face individual meetings and apping for extending engagement and promotion in the region, etc. Developing a targeted engagemen trategy with tailored messaging and activating local champions to promote the tools and support esources to a wider audience is key to overcoming the difficulties of stakeholder buy-in; language









Incorporating climate information into Water Safety Planning



impacts of climate change. Stakeholders from catchment to tap have a role to play in strengthening customers, and water safety planning (WSP) provides a risk management approach to achieve this. ne Flood & Drought Management Tools (FDMTs) project is using WSPs as an entry point to prompt illities to consider climate information and the risks of floods and droughts in their planning procedures.

e FDMT partner utilities across the project's 3 pilot basins have differing capacities to respond to and areness of climate hazards; differing access to climate information and thus are integrating climate understanding as the project has progressed that there is a need for greater awareness and nderstanding around the applicability of climate information in assuring drinking water quality. As other ed because take up the tools, more work will also need to be done to ensure the institutionalisation of climate sk management. This is critical as knowledge gained does not necessarily lead to changes in planning nd implementation. The FDMT project experience can inform the refinement of similar projects that seek

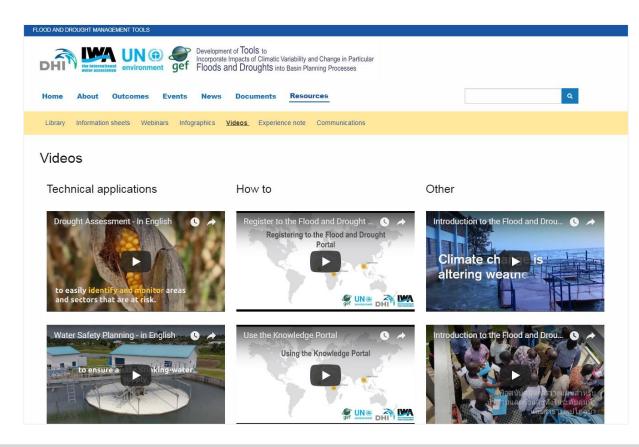
Videos







- Social media video
- How to videos (video tutorials
- Other videos (including webinar recordings)



(Info)graphics





Flood issues ── Sustainable basin ← Drought issues

Infographics

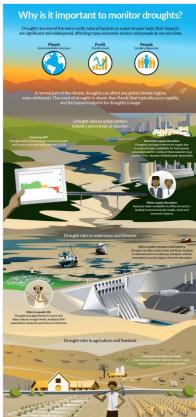


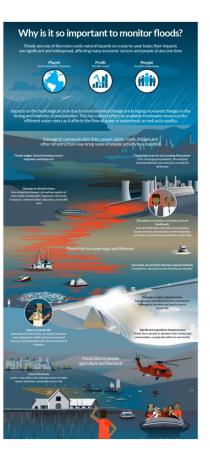








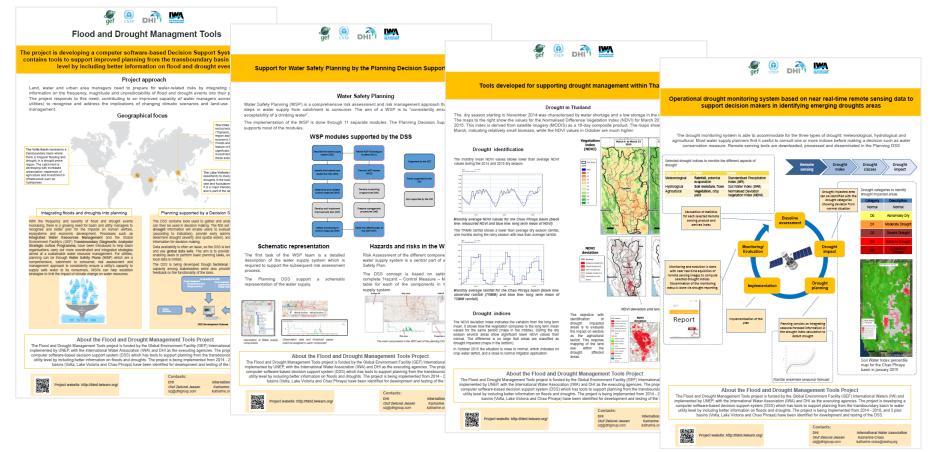




Posters





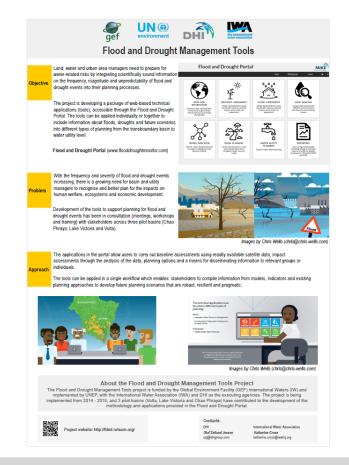


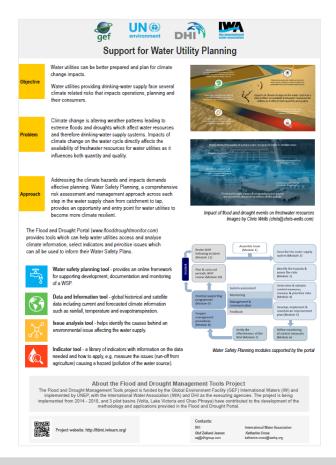
Posters











Posters







Webinars





- Use of satellite data for drought and flood management (Technical presentation) - 24 November 2016
- Drought Management today cases from Asia 12 January 2017
- Drought early warning and assessment, experiences from Africa 28
 February 2017
- Water Safety Plans a risk management approach from catchment to consumer - 15 March 2017
- The challenges and experiences in developing multi-objective basin plans - 17 May 2017

Webinars







Upcoming webinar

- Interpreting climate information for water utilities 25 October 2018
- Climate Resilient Water Safety Planning 28 November 2018
- From vision to action: how water utilities are building climate resilience -December 2018 (tbc)









Learning material







- Ensure capacity building at the end of the project
- Accessible through the Knowledge Portal and project website
- Includes:
 - Step-by-step guides on functionality of technical applications
 - How to videos on the main functionality of the technical applications
 - Guidance documents (most applicable for water utilities) on how to interpret and integrate information in planning, such as WSP





- Resilient cities Asia-Pacific 2015, Bangkok, Thailand (11-13 Febraury 2015)
- International Conference on Drought, Valencia, Spain (10-14 March 2015)
- 7th World Water Forum, Daegu and Gyeongbuk, Republic of Korea (12-17 April 2015)
- IWA Development Congress & Exhibition, Dead Sea, Jordan (18-22 October 2015)
- European River Symposium 2016, Vienna, Austria, (2-4 March 2016)
- IWA Global Water Safety Conference, Palawan, Philippines (25-28 April 2016)
- 8th GEF Biennial International Waters Conference (IWC), Negombo, Sri Lanka (9-13 March 2016)



- 1st Asian Science and Technology Conference for Disaster Risk Reduction, Bangkok, Thailand (23-24 August 2016)
- IWA World Water Congress & Exhibition, Brisbane, Australia (9-14 October 2016)
- Mekong Delta workshop, Hanoi, Vietnam (4-6 October 2016)
- 7th IWA ASPIRE Conference, Kuala Lumpur, Malaysia (11-14 September 2017)
- IWA Development Congress, Buenos Aires, Argentina (13-16 November, 2017)
- International Workshop on Water Scarcity: Taking action in transboundary basins and reducing health impacts, Geneva, Switzerland (11-12 December 2017)



- World Water Forum, Brasilia, Brazil (18-23 March 2018)
- IW LEARN Twinning event, Geneva, Switzerland (31 May 2018)
 - FDMT Technical Training
- IW Learn Regional workshop, Bangkok, Thailand (30 April 2 May, 2018)
- World Water Week, Stockholm, Sweden (30 August 2018)
 - Session: Smart Water Systems for Improved Human Environmental and Economic Health
- Korea International Water Week, Daegu, Republic of Korea (14 September 2018)
 - Session: Smart Water Management case study lessons from around the world







- World Water Congress & Exhibition, Tokyo, Japan (6-21 September 2018)
 - Workshop: Climate Resilient Water Safety & Security Planning
 - Training: Climate smart utilities tools for building resilience
 - Demonstration: Building climate resilience through improved planning: A demonstration of the Flood and Drought Portal



Lessons learned



- Need to tailor communication and dissemination material for different user types
- Need for multiple engagement strategies
- Need for better engagement with GEF SEC to integrate project outputs in the overall agenda

Next steps







		2018										
	Activities	J	F	М	Α	М	J	J	Α	S	0	N
Component: 4	Capacity building and dissemination											
Activity 1 (Output 4.1.1)	Prepare technical specifications, manuals, guidance and training materials for users in the 3 pilot basins focusing on capacity building in the pilot basin											
Activity 2 (Output 4.1.1)	Awareness workshops on DSS with decision makers											
	Prepare training module on application of flood and drought methodological approach from basin to end user for inclusion in existing training courses											
	Document the design and implementation process of flood and drought methodology in pilot basins to be communicated to a wide range of stakeholders											
	Audiovisuals, documents and other materials for global dissemination with an emphasis on IW LEARN											
	Prepare brochures, leaflets, CDs and materials suitable for water events											
, , ,	Organization of and participation in international conferences and workshops for the dissemination of methodological approaches and technical solutions across networks											

Next steps







- Develop and finalise communications products including:
 - Blogs and articles
 - Infographics and posters
 - Information sheets
 - Videos
 - Newsletter
- Finalise and collate content for learning material
- Translate key documentation in French and Thai
- Continue to promote the Flood and Drought portal and seek opportunities to integrate the outputs in ongoing and new initiatives and projects (e.g. OFID project)

Discussion



- How do we get stakeholders to use the products and tools?
- How should we use the products and tools to, for example, influence policy or enable communication between stakeholders?
- What additional content is needed and for which stakeholders or audiences?

www.flooddroughtmonitor.com

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Or learn more at

fdmt.iwlearn.org







