

Delft-FEWS User Days 2017 (Australia and Asia) - Program

26 – 28 April, Melbourne, Australia

Keynote speakers:

Terry Malone, Senior Hydrologist, Seqwater

Mr Terry Malone is a hydrology specialist at Seqwater. He has more than 30 years' experience in flood forecasting and warning, dam operations and flood modelling. He has served in the Bureau of Meteorology in NSW, Tasmania and Queensland, SunWater and Seqwater and has spent hundreds of hours in real-time flood operations. He was also involved in developing and implementing flood forecasting models and systems for the Yangtze River and the Mekong River. Terry's first exposure to FEWS was in 2008 in the Mekong and he commenced its implementation in Seqwater in 2010.

Jeff Perkins, Manager – Flood Forecasting and Warning Operations, Bureau of Meteorology

Jeff Perkins is the National Manager of Flood Forecasting and Warning operations at the Bureau of Meteorology. Jeff has over 20 years of experience in delivering flood forecasting and warning services and managing hydrometric field networks. He played a key role in the development teams for the Bureau's national flood warning modelling, data management and display systems and real-time websites, and for several years led a team of hydrologists, meteorologists and information technology professionals who developed and now operate the Bureau's first Seasonal Streamflow Forecasting service.

Jeff is the Bureau of Meteorology representative on the Delft-FEWS International Community strategy board, a member of the World Meteorological Organisation (WMO) RA V Working Group on Hydrological Services, and the Task Team Lead for water related Disaster Risk Reduction activities.

The Most Impressive Delft-FEWS Display (MIDD) - Competition

Send in a snapshot of your most impressive Delft-FEWS display (MIDD), which will be shared with the community throughout Day 1 and Day 2 and put to vote to **win a prize**.

This is intended as a fun conversation starter about your Delft-FEWS environment.

Please email your submission to Simone De Kleermaeker by 15 April:

simone.dekleermaeker@deltares.nl

F I N A L Program – Delft-FEWS Users Days 26 - 28 April 2017

Day 1 - Program - Wednesday, 26 April

Session chair – Simone De Kleermaeker

Time	Plenary Session	Presenter
11.00	Morning tea	
11:30	Welcome	Narendra Tuteja Bureau of Meteorology
11.45	Keynote 1: Flood Forecasting... With Hindsight	Terry Malone, Seqwater
12:30	Delft-FEWS in Durban, South Africa	eThekweni Municipality Clinton Chrystal
13.00	Lunch	
14.00	2016 floods: Evaluation of the first 6 months of the Hydrological Forecasting System (HyFS)	Bureau of Meteorology, Karen Hudson
14.30	SeqFEWS - Beyond flood operations	Seqwater, Steve Wang
15.00	News in FEWS	Deltares, Simone De Kleermaeker
15.30	Tea and coffee break	
16.00	From data to intelligence: Enabling untrained users to harness the power of Delft-FEWS	BMT-WBM, Ben Caddis
16.30	Training with participant mode (with planned developments by BoM)	Seqwater/ Bureau of Meteorology, Lindsay Millard
17.00	HydroNET and Delft-FEWS	Water Technology, Brian Jackson
17.30	Close	
17:30 – 22:00	User Community – Evening Gathering, The Wharf Hotel , South Wharf Docklands	Generously hosted by Seqwater and Deltares

BOM Head Office, 700 Collins St, Docklands VIC 3208

Sign in at Bureau reception (right of entrance), then take 'high-rise' lifts to Level 6 and follow signage

Day 2 - Program - Thursday, 27 April

Session chair – Jeff Perkins

Time	Plenary Session	Presenter
09:00	Keynote 2: Delft-FEWS 2020	Bureau of Meteorology, Jeff Perkins
09:45	New products – Seamless rainfall	Bureau of Meteorology, Carlos Velasco
10:15	Tidal forecasting	Melbourne Water, Paul Rasmussen
11:00	Morning tea	
11:30	Water Quality Data in Delft-FEWS	Adasa, Antonio Morales
12:00	ROWS-Flood	MDBA, Zaved Khan
12:30	Sharing forecasts between the Bureau's Hydrological Forecasting System (HyFS) and Seqwater's SeqFEWS	Bureau of Meteorology - Wen Wang Seqwater, Dave Pokarier
13:00	Lunch	
14:00	Parallel break-out sessions	
	Session One: Future of Forecasting The world is changing rapidly. Developments such as big data, machine learning, artificial intelligence and remote sensing offer alternatives to the traditional approach of forecasting flood based on the physics of hydrological systems. How can we adapt to change and harness opportunities to improve the way we forecast? We will discuss the impact and opportunities of three scenarios on the future of forecasting developed by Deltares.	Simone De Kleermaeker, Jeff Perkins, Dave Pokarier
	Session Two: New features of Delft-FEWS Bring your own config and laptop and try out the new features	Chris Leahy, Steve Wang
16:00	Closing discussion Competition winner announcement	Bureau of Meteorology / Seqwater / Deltares

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Day 3 - Training Workshop – WaterCoach – Friday, 28 April

Time	Topic	Session
09:00	<p>Develop your own Delft-FEWS WaterCoach training session – part 1</p> <p>WaterCoach is the built-in Delft-FEWS training functionality. In this session the Bureau, Seqwater and Deltares will share their experience to help you develop your first tailored WaterCoach training.</p> <p><i>Bring your own configuration (SA), some interesting data (flood event) and a laptop.</i></p>	Plenary
12:00	Lunch (not catered for)	
13:00	<p>Develop your own Delft-FEWS WaterCoach training session – part 2</p> <p>Continuation of morning session</p>	Plenary
16:00	Close	

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