



World Meteorological Organization

Weather • Climate • Water

WMO Flood Forecasting Initiative Draft Work Plan 2016-2019

FFI Mission Tasks - Work Plan 2016-2019

Preamble:

The Flood Forecasting Initiative (FFI) is a framework to promote the enhancement of flood forecasting capabilities of National Meteorological and Hydrological Services (NMHSs)

Task 1: by ensuring that all major demo projects and components, including but not limited to CIFDP, SWFDP, FFGS, include the requirements/best practices for effective* and sustainable flood forecasting in their design and implementation;

Task 2: by ensuring guidance material is available for NMHSs and for donors, NGOs, and other organizations working to strengthen flood forecasting capabilities in national services;

Task 3: by facilitating the development of an inventory of existing training programmes and related reference materials across the entire spectrum of training needs for E2E systems for flood forecasting, identifying weaknesses/gaps, and recommending development of additional materials to overcome weaknesses/fill gaps;

Task 4: by ensuring access to guidance material and training through the IFM HelpDesk

* Definition needed



Task 1 - items

by ensuring that all major demo projects and components, including but not limited to CIFDP, SWFDP, FFGS, include the requirements/best practices* for effective and sustainable flood forecasting in their design and implementation.

1. President and members of the FFI-AG to report on progress and collaborative actions to appropriate bodies on FFI-AG advice
2. FFI-AG to advise CHy on continuing the efforts associated with assessing efficiency (effectiveness) of service delivery capabilities of hydrological services (link to existing report Nov 2013) including the quality of data and maintenance of observation networks – H. Lins by AWG-3 (Feb 2016)**
3. Advise the President of CHy that the Vice-Chair of the CIFDP Steering Committee be taken from CHy – accomplished December 2015
4. Take similar action for the SWFDP (President CHy to coordinate with President CBS on CHy representation on the SWFDP Steering Group) – H. Lins by end Jan 2016



* Refer to Task 2 item 1.a

**A.L. Aldana volunteered

Task 2 - items

by ensuring guidance material* is available for NMHSs and for donors, NGOs, and other organizations working to strengthen flood forecasting capabilities in national services

1. Recommend to CHy that it establish a team to develop assessment guidelines for E2E EWS for flood forecasting (outcome of the task 1 item 3), based in part on the WMO Manual on FF&W – CHy (through AWG); by Feb 2016
 - a) Development of generic and living list of requirements/best practices (e.g. open source codes, free and open exchange of hydrometeorological data) to be taken from the existing materials – CHy (Y. Simonov) by CHy XV (Dec 2016)
 - b) Develop an inventory on what is available and what is missing in WMO and outside WMO to set up an E2E FFEW system – Secretariat by CHy XV (subsequent to Dec 2016)
 - c) Based on inventory and report of November 2013, develop assessment guidelines that point to technical reference material to strengthen weaknesses – ongoing iterative process through 2018



* recognizing that different audiences need different services (guideline documents for each stakeholder - NMHSs, donors, general public)

Task 3 - items

by facilitating the development of an inventory of existing training programmes and related reference materials across the entire spectrum of training needs for E2E systems for flood forecasting, including the identification of weaknesses/gaps, and recommending development of additional materials to overcome weaknesses/fill gaps.

1. Develop an inventory on what is available and what is missing in terms of training programmes – Secretariat by CHy XV (Dec 2016)
2. Based on inventory, develop prioritized list of training materials that should be developed – Secretariat by CHy XV (Dec 2016)
3. Identify relevant training programmes and reference materials within WMO as well as non-WMO programmes related to FF&W – Secretariat by CHy XV (Dec 2016)



Task 4 - items

by ensuring access to guidance material and training through the IFM HelpDesk

1. Request the APFM TSU to undertake an inventory of the existing guidance material and/or training material and/or expertise through its Support Base already available through the HelpDesk on FF&W – March 2016
2. Request the APFM TSU to design an appropriate interface to offer assistance (Get Help and Help Yourself) in the field of FF&W and solicit feedback from selected FFI-AG members (including link with CHy team under task 2.1) – June 2016

