

# CHy Task Team on Interoperable Models and Platforms (TT E2)

11<sup>th</sup> Teleconference, Friday 05 April 2019, 8 am CEST

## Agenda

No tentative agenda was circulated. The meeting focused exclusively on the review of actions identified during the previous teleconference.

## Meeting Minutes

### Participants

The following experts attended the teleconference: William Scharffenberg, Yeshewateswa Hundecha, Hwirin Kim, Elma Kazazic, Etienne Le Pape

From WMO Secretariat: Paul Pilon, Tania Gascon, Nakul Prasad

Sends regrets: Roberto Silva Vara, Giacomo Teruggi

Paul Pilon moderated the teleconference.

The team welcomed Ms. Elma Kazazic to TTE2. She replaces Mr. Jeff Perkins and will be taking charge of the activities for TTE2 that were previously under Jeff.

#### 1. Review of actions identified during the previous teleconference

A review of the actions was performed. In the following only the decisions on the way forward are reported.

Please refer to the previous teleconferences minutes to better understand the discussion behind each action.

**REMINDER:** the working website link is

<http://www.floodmanagement.info/TT-E2/tt-e2.html>

**NEW ACTION 1:** Yuri and Hwirin to continue discussion on hydrological forecast requirements for NWP. Narendra had a discussion with Yuri and Hwirin during AWG meeting. Yuri to lead the drafting and prepare with Hwirin and Narendra's input. ToC prepared during AWG meeting, but no advancement in populating it (10 pages planned). Yuri leading the exercise, but no deadline fixed (besides 2020). Hwirin to finalize deadlines with Yuri and Narendra.

**UPDATE:** According to Yuri, following last AWG meeting in Geneva, a ToC was developed with Narendra, specifying also the length of the chapters.

Hwirin will have a discussion with Yuri and update the deadline. Please refer to the Table of Revised Workplan for the dates.

**NEW ACTION 2:** Jeff and Hwirin to incorporate Bill’s revision in their templates to standardize the format and share with reviewers. Hwirin sent feedback in the last couple of days on the platform template. Jeff still to provide feedback, possibly by the end of the month, on: the hydraulic model template, platforms template (integrating Hwirin’s comments) and providing feedback to Hwirin’s reservoir template.

**UPDATE:** Jeff has identified Ms. Elma Kazazic, who participated in this teleconference, as the colleague to replace him and will be contributing to the activities of TTE2. Elma is still working on the inputs that she has received from Jeff and the members of TTE2. She has requested more time to review the documents and make the necessary changes.

**NEW ACTION 3:** Reviewers to provide comments to Hwirin and Elma on their master templates. Each template’s main author is to ensure consistency with Bill’s example. This is to be completed prior to the next videoconference

Template	Main author	Reviewer	Status
Hydrologic Model	Bill	Yeshewa	FINALIZED
Hydraulic Model	Elma	Bill	TO BE REVIEWED
Reservoir model	Hwirin	Elma	TO BE REVIEWED
Platforms	Elma	Hwirin	TO BE REVIEWED

**FOLLOW UP:**

Elma is still reviewing the documents and has requested for additional time. She targets to review and revise the hydraulic model and reservoir model template before the CoP meeting on 29 April, 2019 at Seoul.

The Secretariat performed a consistency check of the four templates and recorded its observations in a document that was circulated by email to the TTE2 members on 1 March 2019. The authors are requested to refer to this consistency check document while reviewing and/or revising the templates.

**NEW ACTION 4:** Etienne to circulate his 5 templates (POM, Hydraulic 1D and 2D, Hydrological Global and Specialized) to all TT E2 members, possibly in the final template format (already available: the one on hydrological models by Bill).

Etienne sent hydrological templates after the last telecon, but for the others, he is pending finalization of the other templates as per the table above. Still to be sent: POM (platform) and the hydraulic (1D and 2D), once the templates will be available.

**UPDATE:** As action 3 is still pending, Secretariat to liaise with Etienne once action 3 has been finalized.

**NEW ACTION 5:** Secretariat to update the working website to include all latest available templates.

**FOLLOW UP:** Secretariat has updated the working website with the latest templates and documents.

**NEW ACTION 6:** Definition of Urban flooding. Discussions were held between Yuri, Nakul, Marcelo and TT E1.

**UPDATE:** TT E1 had a split decision, and will bring the issue to the CoP face to face meeting to find an agreement.

**NEW ACTION 7:** Secretariat was to inquire among HAs, OPACHEs, CHy members, AWG (and any other TT E1 member not already included in the previous categories) which platform, hydrological, hydraulic and reservoir models are being used in their country during CHy Ext.

**FOLLOW UP:** It was not possible to circulate the questions during CHy Ext, so the Secretariat will work on it and will provide the TTE2 members with a draft version of the questionnaire by next week. The questions relevant to the activities of TTE2 will be highlighted in this questionnaire for the review of the TTE2 members. As the questionnaire is still a work in progress, it has been agreed during the teleconference that the contents of this questionnaire will be kept confidential among the members of the TTE2 and will not be circulated outside of this group.

**NEW ACTION 8:** Bill to send TT members the Reference Guide containing explanations of what is required in each field or item in the evaluation criteria. Bill received feedback from the TT E2 members and a good portion of the Reference Guide has been finalized. Jeff would like to provide feedback, and he will share it with the TT. Etienne will also have a look at the Reference Guide document. 4-6 revised definitions were sent by Bill on 25 December. Task Team to review the available material. Secretariat to clarify with Bill if the material sent on 25 December includes the Reference Guide. Once finalized, it is suggested to wrap up the document as a pdf form.

**FOLLOW UP:** Yeshewa went through the whole document and circulated comments yesterday. Jeff to add this task to the list of issues to be delegated to his colleague. The action is **completed**, see new action 9 below.

**NEW ACTION 9:** The Reference guide completed under action 8 is only applicable to the hydrological model template. Other reference guides with additional items related to the other templates will have to be developed by Hwirin and Elma before the CoP meeting in Seoul on 29 April, 2019.

## 2. Other Business

Next Face-to-Face meeting: the next CoP face-to-face meeting is being held in Seoul, Republic of Korea, during the last week of April (29 April – 3 May

2019). This will be followed by the DWAT International Symposium on the week of 7-10 May. All TT E2 members are invited to attend. A head count will be circulated by the Secretariat. The timeline table included in annex 2 was revised.

### 3. Next Call

No date has been proposed for the next teleconference as the task team members are scheduled to meet in Seoul from April 29, 2019 for the CoP meeting. Upon conclusion of the CoP meeting in Seoul, a doodle poll may be launched in the following weeks to decide the most appropriate time for the next teleconference.

### ANNEX – Workplan of TT E2

(from the [final report](#) of the meeting on Establishing a Community of Practice on Flood Forecasting (CoP FF) Meeting – section 5.3)

Action	Name	Deadline
Reviewing and finalizing the Hydrologic Model Template	William / Hwirin	Jan 2018
Further develop the draft Platforms Template	Jeff	Jan 2018
Further develop the draft Hydraulic Model Template	Jeff	Jan 2018
Further develop the draft Reservoir Operation Model Template	William / Yeshewatesfa	Jan 2018
Guidance material of NWP formulation for Flood Forecasting	Narendra / Yuri	TBD
Guidance material on river-ocean model coupling of CIFDP (the Coastal Inundation Forecasting Demonstration Project)	Yuri	? 2018
Develop a draft Reference Guide containing explanations of what is required in each field or item in the Evaluation Criteria and the draft Hydrologic Model templates	William	Jan 2018
Further development of the Reference Guide to cover the fields or items of all the draft templates	William / Jeff / Yeshewatesfa	Feb and Mar 2018
Request for reviewing and populating models and platforms templates & collecting case studies to Regional Hydrology Advisors, NMHSs, OPACHE, AWG of CHy	Hwirin	Mar 2018
Collect existing guidance and training materials, consider what is available and what is missing	Hwirin / Yeshewatesfa/ Secretariat	Late 2018
Develop final inventory and assessment of capabilities of existing platforms and hydrological forecast models	TT E2 and others	During Next TT meeting, 2019
Develop final inventory of existing guidance and training material	TT E2 and others	During Next TT meeting, 2019

### REVISED WORKPLAN

#	Action	Name	Deadline
1	Reviewing and finalizing the	Jeff and Yeshewa	Completed

	Hydrologic Model Template		
2	Finalize the Platforms Template	Hwirin (reviewer) and Elma (lead terminator)	Elma to incorporate Hwirin's comments before 29 April 2019
3	Finalize the draft Hydraulic Model Template	Bill (reviewer) and Elma (lead terminator)	Before 29 April 2019
4	Finalize the draft Reservoir Operation Model Template	Elma (reviewer) and Hwirin (lead terminator)	Before 29 April 2019
5	Ensure consistency of all templates and highlight fields needing reference guide definitions	Secretariat	Done  Authors to review the consistency check done by secretariat and make changes (where required) before 29 April 2019
6	Guidance material of NWP formulation for Flood Forecasting	Yuri, Hwirin and Narendra	End of July 2019
7	Guidance material on river-ocean model coupling of CIFDP (the Coastal Inundation Forecasting Demonstration Project)	Yuri	Secretariat to send reminder to Yuri and check with him if the material can be developed before 29 April, 2019
8	Develop a draft Reference Guide containing explanations of what is required in each field or item in the Evaluation Criteria and the draft Hydrologic Model templates	Bill	Completed
9	Further development of the Reference Guide to cover the fields or items of all the draft templates	Elma and Hwirin	Before 29 April 2019
9bis	Further development of the Reference Guide to provide an introduction	Bill and Hwirin	Current version is the zero draft. The revised version of this document will be called the First Draft and will be completed before 29 April, 2019.
10	Request for reviewing and populating models and platforms templates to Regional Hydrology Advisors, NMHSS, OPACHE, AWG of CHy	Secretariat/ Hwirin	By 15 of May 2019
11	Summarize and analyse the	Hwirin/Etienne/	End of May 2019

	findings to develop a shortlist using CHy screening criteria.	Secretariat	
12	Collect existing guidance and training materials, consider what is available and what is missing	Hwirin / Yeshewa/ Secretariat	End of June 2019
13	Develop final inventory and assessment of capabilities of existing platforms and hydrological forecast models		August 2019
14	Develop final inventory of existing guidance and training material		August 2019