

Flood Risk Management Technical Committee (FRMTC) Activities
Status report and plan of actions (March 9, 2019)

	Activity	Synthetic Description/Details	Timeline		Charges
			Initiation	Finalized	
TC DIRECT MEETINGS					
	TC Formation			June, 2016	IAHR Congress, Falconer
	TC Meeting #1	FMRTC Meeting during the River Flow Conference	Fall, 2015	2016/7/13	Weber, Muste
	TC Meeting #2	IAHR Congress - Kuala Lumpur	Sep-17	2017/9/1	Muste
	TC Meeting #3	River Flow - Lyon	Sep-18	Sept 5-8, 2018	Muste
	TC Meeting #4	IAHR World Congress	Aug-18		Muste
ON-GOING ACTIVITIES (prior to August, 2017)					
1	International Journal of River Basin Management Special Issue: Flood Risk Management and Resilience	12 papers grouped in 2 clusters: a) Lessons learned in the last decade; b) Flood Decision Support systems.	Fall, 2016	Feb. 2018 (tentative) Published August 2018	Muste
2	Search of the international flood research and management arena (reconnection with IFI/ICHARM/ICFM activities & assessing new partners)	Participation in the ICHARM periodic meetings	Since Jan 2016		
3	Building momentum around the IHR- Iowa Flood Center's on-going project: Strategic Global Initiative (SGI) on Decision-Suport systems for Flood Mitigation & Resilience (FLOODSS)	FLOODSS White paper	Since Nov 2015		Muste, H. van der Most, N. Asselman, D. Bachmann, K. Slager (Deltares)
4	Creation of a benchmark dataset for development of flood models	Currently, there are no flood datasets that can be used to compare the accuracy of flood simulation models. Collecting and vetting a representative group of datasets under the auspices of FRM TC will benefit the ours and other interested communities.	Feb, 2016	First dataset posted on the IAHR website in August 2017	Alastair Barnett, Barnett and MacMurray Ltd, Hamilton, New Zealand
MOST RECENT (EMERGING) INITIATIVES					
5	Master Classes on Flood Risk , River Flow Conference 2018, September 5-8, 2018, Lyon, France	Master Class proposal: "From flood control to flood risk management" - student driven workshop	April, 2017	Not approved	D. Molinari, F. Ballio, M. Muste
6	"Flood Damage Models" (FDM) Repository	FDM is aimed at supporting flood damage modellers, especially non-expert ones, in the choice of the best available model(s) for a specific context under investigation and a specific problem at stake, by supplying (for each available model) key information.	October, 2017	On-going	D. Molinari, F. Ballio
7	ICFM8 in 2020 (indirect patronage of FRM TC)	Preparation for ICFM8	Spring, 2017	on-going	Muste, Simonovic, Weber
8	Workshop "Validation in Flood Risk Modelling: combining scientific, policy and market perspectives", Politecnico di Milano, Milan, Italy, 20-21 November 2017	For details go to: https://www.eko.polimi.it/index.php/VSH2017/VS_H2017	August, 2017	22-Nov-17	D. Molinari, G. Minucci
9	Sessions organized for the 5th IAHR Europe Congress (2018) with FRM TC involvement	Dike breach inducing floods: Processes and numerical simulations New hydraulic engineering contributions to flood resilience and mitigation	October, 2017	delivered	B. Dewals
10	Typical flood management case studies	"Shifting from flood control to flood management" and "turn flood risk to development opportunities" requires sharing of experiences and feasible approaches through case studies across the word.	October, 2017		Xiatao Cheng - make it an initiative
11	Parallel Session of ICFM7 "Sustainable approaches to flood risk management - "Blue-Green" or "Sponge" Cities	This session combined the proposals from IWHR and Nottingham University	January, 2017	Delivered on 9/6/2017	Xiatao Cheng - make it an initiative
12	Launch a decadal initiative under a BIG IDEA (similar to IAHS): 2020-2030 the decade of FLOODSS?	ICFM8 - Iowa City		on-going	M. Muste
13	Collaborative writing on a Vision Paper on IAHR FRM TC mission	On the role of hydraulic engineering to support flood resilience and mitigation	Sep-18	on-going	B. Dewals
14	Exemplary databases: AULOS DB exercise		Sep-18	on-going	A. Barnett
15	Collaboration with UN Water	2020 World Water Development Report: Water and Climate Change 2021 World Water Development Report: Valuing Water 2022 World Water Development Report: Groundwater	Mar-19 Sep-19 Sep-19		A. Barnett M. Altinakar ??
16	Contributions to "Managing Floods and Droughts: Best practices and Engineering Contribution	Participation with Expert Groups Prepared by World Federation of Engineering Organizations/World Council of Civil Engineers (WCCE) and Instituto de Ingeniería de España, the Ordem dos Engenheiros de Portugal	Sep-19 Mar-19		D. Molinari M. Muste, A. Barnett, D. Molinari