



**Integrated Modelling
Program for Canada**
Global Water Futures



Integrated Modelling Program for Canada (IMPC) First Annual Meeting

July 18-19, 2018

**National Hydrology Research Centre
11 Innovation Boulevard, Saskatoon, SK**

Objective:

This is the first annual IMPC meeting for the IMPC team to present, evaluate, and discuss their progress in the first year of the research program. This will be done in collaboration with the GWF core modelling team. Strategies for user-engagement and knowledge mobilization will also be discussed in this meeting. Investigators, HQPs, the GWF core modelling team, collaborators, and representatives of various local, provincial, and national stakeholders/users are all invited to attend this meeting.

Day 1: Wednesday, July 18 th , 2018		
8:00-8:30	Registration and Refreshments	
Opening, Chair: Razavi		
8:30-8:45	Welcome, IMPC overview, meeting agenda	Razavi
8:45-9:00	Global Water Futures: Year one progress	Pomeroy
9:00-9:10	Remarks from the Strategic Advisor to GWF	Wheater
9:10-10:00	Water management challenges, scenarios and decision-support (C1) (Presentation and Interactive Session)	Gober
10:00-10:20	Coffee Break	
Themes B-D, Chair: Stadnyk		
10:20-10:35	Water resources modelling (B1)	Razavi
10:35-10:50	Water resources modelling - Manitoba (Nelson-Churchill)	Asadzadeh
10:50-11:05	Hydro-economic modelling (B3)	Brouwer
11:05-11:20	Cultural and environmental flows, and user engagement (D1)	Strickert
11:20-11:35	Advanced visualization tools (D2)	Gutwin
11:35-12:00	Discussion	Stadnyk (Moderator)
12:00-13:00	Lunch Break	
Management & Knowledge Mobilization, Chair: Brouwer		
13:00-13:15	User engagement and knowledge mobilization	Carlson
13:15-13:25	Report from knowledge mobilization committee (KMOC)	Renouf/Halliday
13:25-13:30	Café discussion table explanation and break-out	Carlson
13:30-15:10	Café discussions for Theme B-D (see instructions on page 3)	All
15:10-15:40	Coffee Break	
15:40-15:55	Project management	Haghnegahdar
15:55-16:30	Report back from Café tables – Starting from Table 1	Table Leaders
16:30-	Closing Remarks, Day 1	Razavi
17:30 – Dinner @ Louis’		



Day 2: Thursday, July 19, 2018		
8:00-8:30	Refreshments	
Theme A, Chair: Pomeroy		
8:30-8:40	In memory of Ric Soulis and Ric Janowicz	Pietroniro, Pomeroy
8:40-9:10	Vision for continental hydrological prediction	Clark
9:10-9:20	GWF core modelling team	Pietroniro
9:20-9:35	High-resolution atmospheric modelling (A1)	Li
9:35-9:50	Improving hydrologic process representations (A2)	Pomeroy
9:50-10:05	Water quality and river ice (A3 and A4)	Lindenschmidt
10:15-10:30	Discussion	Pomeroy (moderator)
10:30-10:45	Coffee Break	
Theme A (Cont'd), Chair: Pietroniro		
10:45-11:00	Model inter-comparison and multi-model analysis (A5)	Tolson/Mai
11:00-11:20	HYPE modelling in the Nelson River basin: A multi-model assessment (A5 and A2)	Stadnyk
11:20-11:30	GEM-Hydro	Vionnet
11:30-11:40	MESH	Princz/Pietroniro
11:40-11:50	VIC	Gharari/Razavi
11:50-12:05	Floodplain mapping (A6)	Elshorbagy
12:05-12:20	Uncertainty characterization in modelling (A7)	Razavi
12:20-12:35	Discussion	Pietroniro (moderator)
12:35-13:30	Lunch Break	
13:30-14:30	'Science Speed Dating': Poster and Presentation Session	HQPs
14:30-15:00	Coffee Break and Poster Follow-Up	
15:00-16:00	Modelling Panel (Investigator and Collaborator Representatives)	Fahlman, Luo, Gupta, Pietroniro, Elshorbagy
16:00-16:30	Discussion and Synthesis	Wheater (moderator)
16:30-	Concluding Remarks, Day 2	Razavi



Café Discussion Table Instructions

Day 1 (July 18th), 13:30-15:10

The number on your nametag will be your group number. Start at the table with your name tag number (e.g. Group 1 will begin at Table 1).

Each discussion table is 20 minutes long (inclusive of 3 minutes for transition) after which, you will rotate to the next discussion table (e.g. Group 1 will move to Table 2) until all tables have been completed.

Please return to the seminar room for a break at 15:10.

Table information and room numbers are below.

Table 1: Water Management and Hydro-Economic Modelling

- Table discussion led by Saman Razavi and Roy Brouwer
- Located in seminar room 1261

Table 2: Knowledge Mobilization and User Engagement

- Table discussion led by Hayley Carlson and Stephanie Merrill
- Located in room 1350

Table 3: Cultural and Environmental flows and Indigenous Issues

- Table led by Graham Strickert
- Located in room 1028

Table 4: Decision Support Systems and Visualization

- Table led by Carl Gutwin and Bob Halliday
- Located in cafeteria (upstairs above seminar room)

Table 5: Future Scenarios (policy, land use, climate, and infrastructure)

- Table led by Patricia Gober and Howard Wheeler
- Located in room 2268 (upstairs above seminar room)

