DAY ONE - JUNE 18, 2018	
8:00 - 8:30	**Breakfast & Registration – GRAND SALON**
Welcome 8:30 – 9:00	**Introduction & Network Update** *Dr. Coulibaly & Dr. Roy*
SESSION 1: THEME 3 - DEVELOPMENT OF CANADIAN ADAPTIVE FLOOD FORECASTING AND EARLY WARNING SYSTEM (CAFFEWS) *CHAIRS: Dr. Coulibaly & Dr. Stadnyk*	
Project 3 – 1 9:00 - 9:30	Evaluation of Flood Forecasting and Warning Systems Across Canada. *T. Stadnyk & A. Muhammad*
Project 3 – 2 9:30 - 10:00	Real-time Spatial Information Evaluation and Processing *A. Berg & R. Pardo*
Project 3 – 3 10:00 - 10:30	Enhanced Information Communication Systems *W. Song & H. Moussa*
10:30 - 11:00	**COFFEE**
Project 3 – 4 11:00 - 11:30	Development of Canadian Flood Forecasting and Early Warning System (CAFFEWS) *P. Coulibaly, J. Leach & J. Keum*
SESSION 2: THEME 2 - QUANTIFYING AND REDUCING THE PREDICTIVE UNCERTAINTY OF FLOODS *CHAIRS: Dr. Anctil & Dr. Tolson*	
Project 2 – 1 11:30 - 12:00	Comparison of Ensemble Forecast Methods for Operational Streamflow Forecasting Based on a Single Model *B. Tolson, J. Mai & H. Liu*
Project 2 – 2 12:00 - 12:30	Comparison of Ensemble Forecast Methods for Operational Streamflow Forecasting Based on Multiple Model *F. Anctil, J. Xu & C. Poncelet*
12:30 - 1:30	**LUNCH – Espace Jardin**
Project 2 – 4 1:30 - 2:00	Evaluation of Flood Warning Based on Hydraulic Models with Assimilation and Hydrological Ensemble Forecasts *F. Anctil & A. Bessar*
Project 2 – 5 2:00 - 2:30	Real-time Reservoir Operation Based on a Combination of Long-term and Short-term Optimization and Hydrological Ensemble Forecasts *A. Tilmant & H. N. Ashouri*
SESSION 3A: THEME 4 - RISK ANALYSIS OF PHYSICAL, SOCIO-ECONOMIC AND ENVIRONMENTAL IMPACTS OF FLOODS *CHAIRS: Dr. Xenopoulos & Dr. Elshorbagy*	
Project 4 – 1 2:30 - 3:00	Role of Floods on Aquatic Ecosystem Condition *M. Xenopoulos, C. Fasching & S. D'Amario*
Project 4 – 3 3:00 - 3:30	Modelling-based Integrated Assessment on Flood Impacts on Urban and Rural Water Resources Systems *A. Elshorbagy & M. Ahmed*
3:30 - 4:00	**COFFEE**
Keynote Address 4:00 - 5:00	*A Numerical Fully-Coupled Atmospheric-Hydrologic Model-Based Real-time Rainfall and Flood Forecasting System for Three River Basins in Malaysia* *Dr. M Levent Kavvas*

POSTER SESSION - Atrium *CHAIRS: F. Awol, H. Wazneh & D. Wijayarathne*	
5:00 - 5:45	Poster Pitch
5:45 - 6:30	Poster Session
6:30 - 8:00	**Welcome & Networking Dinner**

DAY TWO - JUNE 19, 2018	
8:30 - 9:00	**BREAKFAST– Saveurs Campus**
SESSION 3B: THEME 4 - RISK ANALYSIS OF PHYSICAL, SOCIO-ECONOMIC AND ENVIRONMENTAL IMPACTS OF FLOODS *CHAIRS: Dr. Xenopoulos & Dr. Elshorbagy*	
Project 4 – 4 9:00 - 9:30	Flood Risk Analysis and its Utility for Management Decisions *A. Elshorbagy & B. Raja*
Project 4 – 5 9:30 - 10:00	Assessing and Planning for the Socio-Economic Effects of Floods *N. Yiannakoulias & J. Gordon*
SESSION 4: THEME 1 - FLOOD REGIMES IN CANADA: LEARNING FROM THE PAST AND PREPARING FOR THE FUTURE *CHAIRS: Dr. Burn & Dr. Nguyen*	
Project 1 – 1 10:00 - 10:30	Update of Current Flood and Storm Quantiles *D. Burn, S.M. Zadeh & Z. Yang*
10:30 - 11:00	**COFFEE**
Project 1 – 2 11:00 - 11:30	Examination of Spatial and Temporal Variation of Extreme Events *F. Ashkar, B.B. Dieng & D. Burn*
Project 1 – 3 11:30 - 12:00	Analysis and Applicability of Future Extreme Events in Regional and Local Context *A. Arain, O. Champagne & M. Zhao*
Project 1 – 4 12:00 - 12:30	Development of New Methods for Updating IDF Curves in Canada *V.T.V. Nguyen, T.H. Nguyen & S. El Outayek*
12:30 - 1:30	**LUNCH – Espace Jardin**
Project 1 – 5 1:30 - 2:00	Spatial Changes to Flood Prone Areas in Urban Environments *Y. Guo, P. De Boer & Z. Zhang*
Project 1 – 6 2:00 - 2:30	Development of a New Flood Estimation Manual *D. Burn, M. Durocher & A. Requena*
SESSION 5: WORKING GROUPS & PANEL MEETING	
2:30 - 3:30	Working Group 2 & 3 Panel Discussion *F. Anctil, P. Coulibaly, R. Turcotte, D. Campbell, E. Welles*
3:30 - 4:00	**COFFEE**
4:00 - 4:30	Working Group 4 & Panel Discussion *A. Elshorbagy, A. Arain, N. Yiannakoulias, J. Frain, D. Chekol*
4:30 - 5:00	Working Group 1 Panel Discussion *D. Burn, V.T.V. Nguyen, K. Kornelsen, W. Ho*
6:30 – 9:00	**NETWORKING DINNER & FloodNet 2 Meeting @ Pub Universitaire**

DAY THREE - JUNE 20, 2018	
8:30 - 9:00	**BREAKFAST – Saveurs Campus**
8:30 - 9:30	Board of Directors Meeting (BOD)/Partner Advisory Committee (PAC) Meeting
SESSION 5: PARTNER & COLLABORATOR INVITED PRESENTATIONS *CHAIRS: J. Keum & Z. Zahmatkesh*	
Partner Presentation 9:00- 9:20	High-flow warnings based on the Water Cycle Prediction System for the Great Lakes and St. Lawrence River *D. Durnford*
Partner Presentation 9:20- 9:40	Projected Changes to the Frequency of High-Flows in the Athabasca Watershed: Sensitivity of Results to Statistical Methods of Analysis *Y. Dibike*
Partner Presentation 9:40- 10:00	Recent development in applied hydrology in Quebec aiming to support flood mitigation *R. Turcotte*
10:00 - 10:20	**COFFEE**
10:20 - 10:40	ISAP Feedback
Wrap-Up 10:40 – 11:00	Closing Remarks *Dr. Coulibaly & Dr. Roy*
11:00	**End of AGM**

POSTER SESSION *CHAIRS: F. Awol, H. Wazneh & D. Wijayarathne*	
Theme 1 Posters	
Author & Affiliation	***Title***
Mounada Gbadamassi[1] 1. Université de Moncton, Moncton, NB	Confidence Interval for quantiles of the Gumbel Distribution
Babacar B. Dieng[1] *& Fahim Ashkar*[1] 1. Université de Moncton, Moncton, NB	Two problems related to frequency analysis of flood flows in hydrology
Hussein Wazneh[1]*, Altaf Arain*[1] *& Paulin Coulibaly*[1] 1. McMaster University, Hamilton, ON	Interdependence between temperature and precipitation in southern Ontario, Canada
Ziyang Zhang[1]*, Donald H. Burn*[2] *& Tricia Stadnyk*[1] 1. University of Manitoba, Winnipeg, MB 2. University of Waterloo, Waterloo, ON	Identification of a preferred statistical distribution model for at-site flood frequency analysis in Canada
Tianshuo Zhou[1] *& Donald H. Burn*[1] 1. University of Waterloo, Waterloo, ON	Exploring problematic sites from current developed regional flood frequency analysis for Canada
Chun-Chao Kuo[1]*, Thian Yew Gan*[1] *& Siyuan Liu*[1] 1. University of Alberta, Edmonton, AB	Risk of exceeding extreme design storm events under possible impact of climate change.
Pavneet Brar[1]*, Yiping Guo*[1] 1. McMaster University, Hamilton, ON	Incorporating Resilience in Urban Flood Control Systems

Theme 2 Posters	
Philippe Richard[1] 1. Université Laval, Québec, PQ	The added value of human expertise with an automated hydrological forecasting system
Emixi Sthefany Valdez Medina[1] 1. Université Laval, Québec, PQ	Exploring a statistical post-processing technique of ensemble precipitation forecast for operational hydrologic forecasting
Hajar Ashouri[1]*, Michael Osina*[1]*, Amaury Tilmant*[1]*, François Anctil*[1]*, Emixi Valdex*[1] *& Jasson Pina*[1] 1. Université Laval, Québec, PQ	Short-term Optimization of Reservoir Operation using Ensemble Streamflow Forecasts
Theme 3 Posters	
Xi Tao[1] 1. University of New Brunswick, Fredericton, NB	Efficient Task Allocation for Mobile Crowdsensing Based on Evolutionary Computing
Jobanmeet Kaur[1] 1. University of New Brunswick, Fredericton, NB	System Requirements for an efficient flood warning system
Frezer S. Awol[1] *& Paulin Coulibaly*[1] 1. McMaster University, Hamilton, ON	Model setup for improved reservoir inflow forecast into Shelmouth Reservoir
Zahra Zahmatkesh[1]*, Dominique Tapsoba*[2]*, James Leach*[1] *& Paulin Coulibaly*[1] 1. McMaster University, Hamilton, ON 2. IREQ, Varennes, QC	Evaluation and bias-correction of SNODAS SWE estimates for Canadian watersheds
Jetal Agnihotri[1]*, Tara Razavi*[1] *& Paulin Coulibaly*[1] 1. McMaster University, Hamilton, ON	Identification of snowmelt estimation techniques to enhance spring peak flow prediction
Dayal Wijayarathne[1] *& Paulin Coulibaly*[1] 1. McMaster University, Hamilton, ON	Evaluation of radar assimilated quantitative precipitation estimates for enhanced calibration of flood forecasting models
Shasha Han[1] *& Paulin Coulibaly*[1] 1. McMaster University, Hamilton, ON	Application of Bayesian processor with bias corrected ensemble weather forecasts to assess and reduce uncertainty in flood forecasting
Pedram Darbandsari[1] *& Paulin Coulibaly*[1] 1. McMaster University, Hamilton, ON	Inter-comparison of the performance of lumped hydrological models in data poor watersheds
Theme 4 Posters	
Connor Darlington[1] *& Niko Yiannakoulias*[1] 1. McMaster University, Hamilton, ON	Sociodemographic Vulnerability to Flooding in Calgary, Hamilton and Winnipeg
Jun Wang[1] *& Yiping Guo*[1] 1. McMaster University, Hamilton, ON	Impacts of Land Use and Climate Change on the Drainage of the Davis Creek Subwatershed
Michele Tsang[1] *& Darren Scott*[1] 1. McMaster University, Hamilton, ON	Quantifying land use change using supervised classification in Calgary, Hamilton and Winnipeg
Ceara J. Talbot[1]*, Michael J. Paterson*[2] *& Marguerite A. Xenopoulos*[1] 1. Trent University, Peterborough, ON 2. IISD-ELA, Winnipeg, MB	Nutrient Budgets calculated in floodwaters using a whole-ecosystem experimental manipulation