



FloodNet News

Volume 2 – Winter 2018

FloodNet AGM 2018 Update

The 2018 AGM will be held this year from *June 18-20 at Laval University in Quebec City*. New this year will be the introduction of a 2.5-day format – allowing more time for project presentations, networking and a bit of social time. It is a busy holiday week in Quebec, so we suggest booking travel arrangements early! Event registration is live now on Eventbrite.ca at:

<https://tinyurl.com/y7yrnavk>

WATFLOOD Workshop Update

As part of FloodNet’s ongoing commitment to HQP training, McMaster University hosted a workshop in early December for the hydrological model WATFLOOD. 20 students, collaborators and partners participated in the 2-day workshop, led by WATFLOOD Developer Dr. Nick Kouwen. The workshop focused on the set up, calibration and data needs of the model, in addition to how to use the model to complete a forecast.

FloodNet Internship Program

A reminder to our partners to take advantage of the fully funded FloodNet Internship Program, which funds the placement of students within partner organizations for periods of up to 6 months. The aim of the program is to facilitate networking, mobility and exchange of knowledge between our HQP and partner organizations. Funding is available for 2018 and early 2019 internships.

To offer an internship position, just email floodnet.manager@mcmaster.ca

More information on the Internship Program can be found at

<http://www.nsercfloodnet.ca/files/InternshipProcedure.pdf>

FloodNet - UNU-INWEH Joint Science to Policy Workshop Update

Over reading week in February of 2018, we were lucky to host a workshop entitled: *“Bridging Flood Science in Canada with Policy and Practice.”* Presented in partnership with the United Nations University – Institute for Water, Environment and Health (UNU-INWEH). The 2.5-day workshop welcomed FloodNet researchers, students and partners to learn about how best to communicate research results in a way that is of use to policy makers. A team of 20 participants worked through the knowledge transition process to develop a research summary and provide a brief presentation to policy makers.



Results of the workshop will be available as new FloodNet dissemination products shortly. A special thanks to UNU-INWEH, especially Vladimir Smakhtin and Michael Devlin for facilitating the workshop, as well as Kaelen Moat and Noah Gaetz for providing policy expertise.

Research & Network Highlights from Year Four Scientific Report

As we move past the halfway point of the network, investigators and students have been very busy. To date, 75 publications have been made in peer-reviewed journals, with 38 of those published in 2017, and a further 19 submitted in the past few months. Investigators and students have been invited to speak at conferences from Japan to the Czech Republic.

Some of the FloodNet journal publications received significant attention within the research community. For example, a scientific contribution published in *Water Resources Research* (Vol. 53 (7): 6239-6259), was selected and featured in the *Journal Highlights* (on 8 August 2017) and in the *Research Spotlights* of the AGU's *EOS* magazine (*EOS* 98, published on 15 August 2017). *Research Spotlights* summarize the research and findings of the best accepted articles for the broad Earth and space science community.

This year was also marked with continued presence of FloodNet investigators in the media (TV, Radio, Newspapers) following the Toronto Island and the Quebec floods of spring 2017 and other events. Most recently, several investigators were interviewed by CBC and CTV about Ontario's readiness for future flooding events.

We began tracking interactions between projects, investigators and partners using a

data visualization tool called KUMU. The network map is now available online and can be checked out on the website at <https://tinyurl.com/y85fptne>. Check back to see how the planned interactions come to fruition, as objectives are being completed and used to support other projects.

A great example of this is the development of **CaSPAR: Canadian Surface Prediction Archive**. The new Canadian Surface Prediction Archive (CaSPAR) platform is an accessible rolling archive of 10 of the Canadian Meteorological Centre's Numerical Weather Prediction products. The 500TB platform will allow users to extract specific time periods, regions of interest and variables of interest in an easy to access NetCDF format. Products accessible through the interface will be used to drive research in Theme 2 and 3. Further information can be found at <http://caspar-data.ca/>, and the official launch can be expected in early summer 2018!

FloodNet PhD Student Pedram Darbandsari in his Internship at the Ministry of Natural Resources.



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