

SPADE Meeting 11: 26 September 2018 - 1 PM EDT

Participants: Julie, Stephen, Michael, André, Jeremy, Juris (minutes recorder)

Please see agenda for detailed information/pictures during fall site visit

Fortress Junction Services

- 5 foot scaffold to hold all ECCC meteorological instruments:
 - USask has scaffold available in shipping container at Barrier Lake
 - LiDAR (aperture 8' off ground)
 - Cannot scan downwards
 - Sight lines are good, except towards the where trees are obscuring view
 - Pluvio2 with single alter shield
 - Geonor condition is unknown
 - Parsivel1
 - MRR
 - ECCC does not have soil temperature probes
 - *Stephen may purchase some*
 - ECCC could easily integrate data from probes to their datalogger
 - Perhaps connect to wifi so that ECCC can remotely check on instruments

Fortress Mountain

- LiDAR at top of Fortress would be complementary to one in valley
 - Provide wind interactions at the top of the mountain
 - Good view to the south
 - Would have camera point towards LiDAR so that it can be checked remotely

Nipika

- Install Parsivel (the one working from UQAM)
- Install MRR (NCAR/ECCC?)
- *John and Greg to do site visit at Nipika → empty out geonor*

ECCC installation

- Instruments pre-configured in Downsview for easily installation in the field
- 2 days travel, 3 days on-site to install instruments
- 2 techs required
- ECCC to pay wage/OT for techs
- Installation sometime in April → Mike will get better idea of dates sometime in January
- Mike will need to train a couple of people on the maintenance of the instruments

Action Items

- Disdrometer to be fixed
 - Julie in contact with UQAM purchasing
 - *Julie to check differences between parsivel 1 and 2*
- Alberta Parks permit for Fortress Service Junction
 - *Juris to follow up with Greg*
- ECCC shipping there and back max. \$2500
- Mike to come up with pre-installation list
 - *Install scaffold*
 - *Level scaffold, etc.*
- *Stephen to check with Nipika:*
 - Groomers possibly check weather station and take pictures when they are in the area to get idea of snowpack
- *Juris to mail Nipika thank you card on behalf of SPADE members*

Next meeting: Two weeks, sometime October 8-12th