

Meeting 9: 16 July 2018 - 4 PM EDT

Participants: Stephen, Jeremy, Mike, Greg, Dave, André, Juris (minutes recorder)

- Weather station assembled at UNBC including geonor
 - Geonor is successfully running with assistance from Greg
 - Geonor will be transferring to another site on the western SPADE site this fall
 - Baseline data starting in September or October
 - Variables recorded: air temperature, wind speed, RH, pressure, perhaps snow depth and soil temperature
- MRR and disdrometer to be deployed in April

Eastern Site Location

- Main eastern site located at Fortress Mountain
 - Longstanding meteorological equipment
 - Will be installing MRR at Fortress or at gas station in the valley

Western Site Location

- Kootenay Crossing
 - Would require a permit → might be pressed for time
 - Right along the highway
 - Generator is out of commission
- Nipika
 - Along the valley of the Kootenay River
 - Just outside the national park → no permit required
 - Have solar panels to generate power for their cabins
 - Additional solar panels to power our equipment
 - The site would be at a lower elevation towards the river away from the cabins
 - Relatively flat ground
 - Nipika is very supportive of project
 - Con: 10 km of gravel road to access the site, but is maintained and cleared
- Vermilion Crossing
 - They would have power
 - Couldn't find a really good site for deployment of equipment
- Storm Mountain Lodge
 - Higher elevation
 - Not very supportive of project
 - Convenient as they are right off the highway

Fall Deployment

- Jeremy, Mike, Juris, Andre, Greg (?)
- Preferably October 10th and the 11th
- 24-26th October
- **September 19th - 22nd** → works for Mike, Andre, Jeremy, Juris
 - 19 - travel day
 - 20 - Deploy instruments/ visit Fortress Mountain
 - 21 - Deploy instruments/ visit Fortress Mountain
 - 22 - travel day

Action Items

- Juris to contact Adrienne to see duplex availability
- Stephen to contact Nipika about dates of deployment
- Juris to provide Dave and Mike with equipment inventory list

Round Table

Mike → what is the strategy for moving the data?

- Data transfer from Nipika
- No cellular service probably won't have real time access
- Would be handy for troubleshooting to have wifi/reception
 - VNC to computer to make sure data is recording properly
- For serial devices ECCC use solid state computers (running windows) collect non-analog systems on those computers. Can connect to them if there is a wifi system.
- ECCC - might have other instruments to contribute
 - This depends on the AC power that we have at the site
 - AC Power is of primary concern for ECCC and communication is of secondary importance.