



UofS GWFF Technical Team

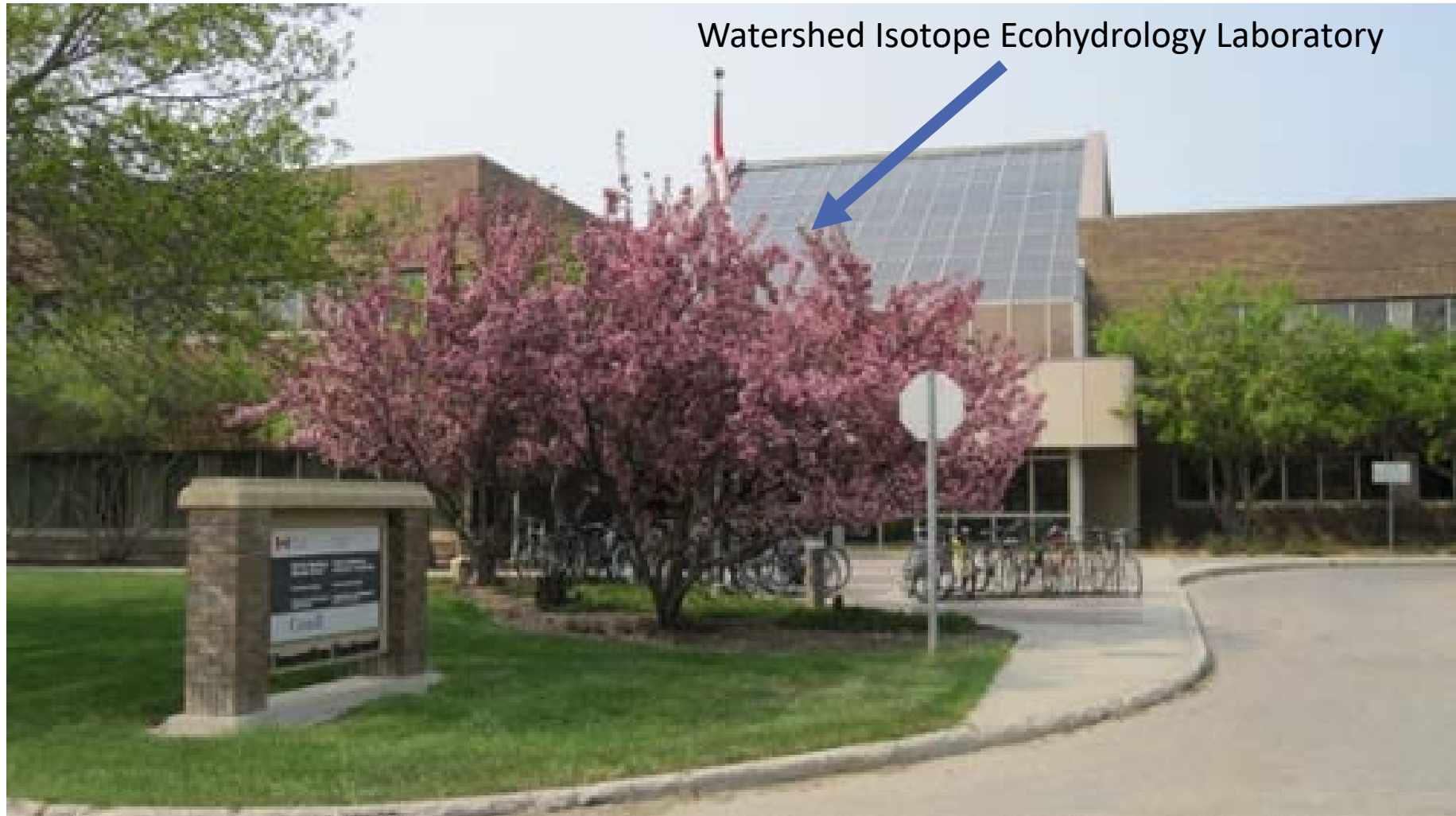
Boffins-in-Charge

- John Pomeroy – drone and field technicians
- Jeff McDonnell – isotope technician
- Helen Baulch – field technician
- Colin Whitfield – field technician

National Hydrology Research Centre, Saskatoon



GLOBAL WATER FUTURES
SOLUTIONS TO WATER THREATS
IN AN ERA OF GLOBAL CHANGE

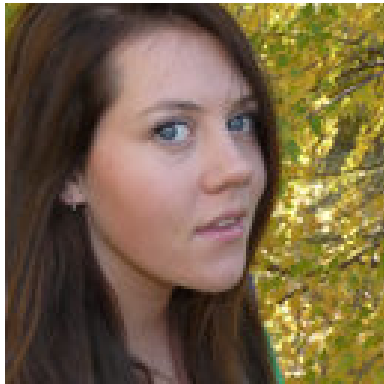


Saskatoon Based Technicians



GLOBAL WATER FUTURES
SOLUTIONS TO WATER THREATS
IN AN ERA OF GLOBAL CHANGE

Kim Janzen,
Isotope Technician,
Watershed Isotope
Ecohydrology Lab



Katy Nugent,
Field Technician,
Prairies & Lakes

Bruce Johnson,
Field Technician,
Prairies and
Boreal Forest

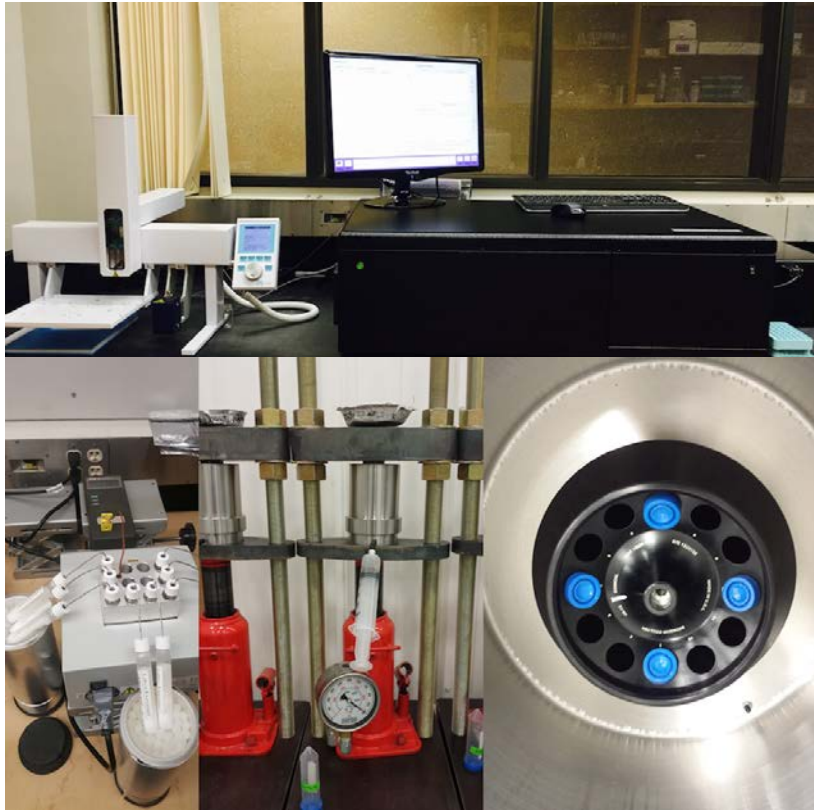


Isotope Ecohydrology Lab

Features and Analysis

Liquid water analysis of freshwater for the stable isotopes of 2H and 18O in the hydrosphere.

Direct Vapor Equilibration of soil water for 2H and 18O water isotopes



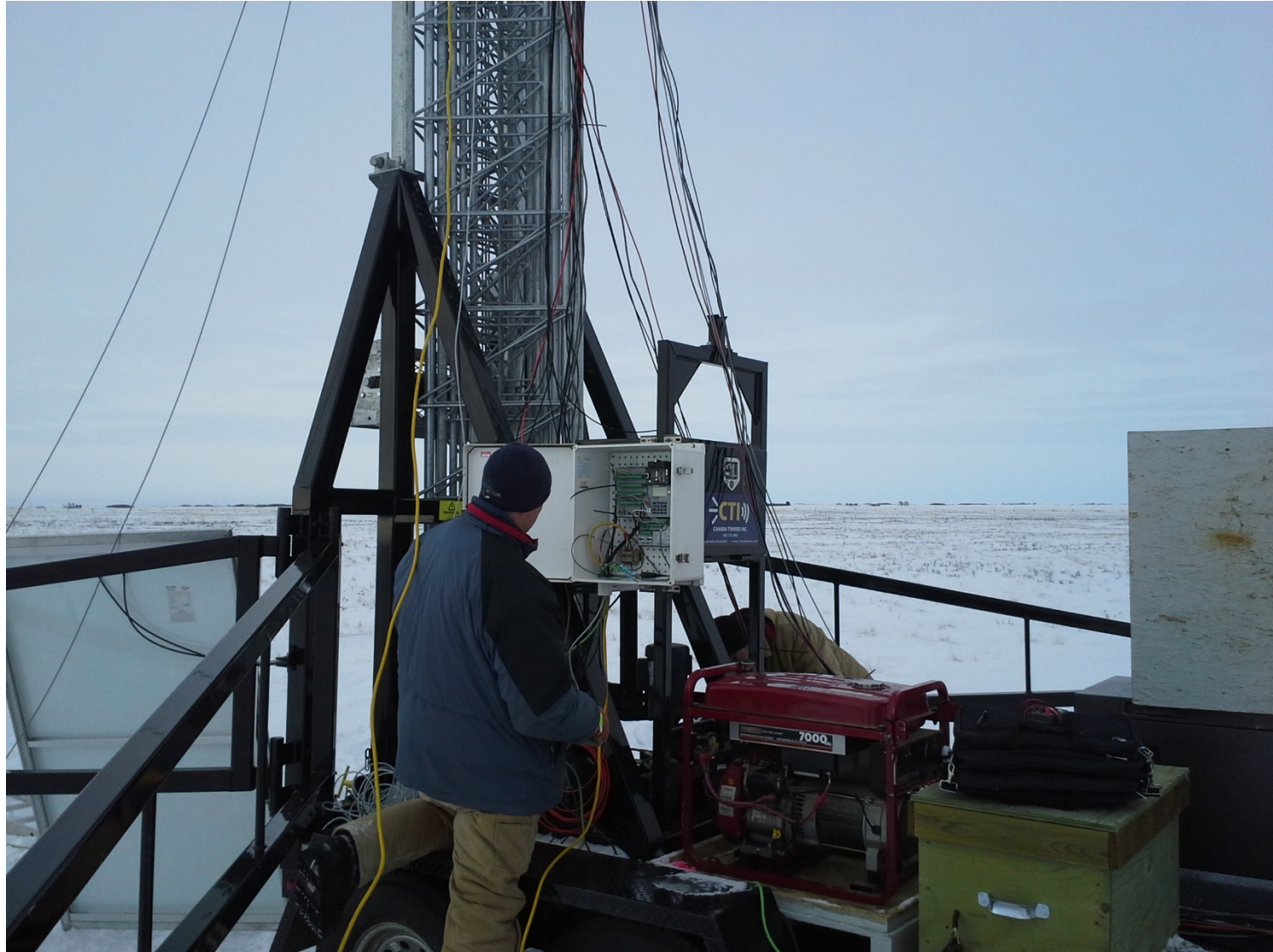
Multiple soil and plant extraction methods for obtaining water for further isotope analysis.



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Prairie Fieldwork



Micrometeorology on the Lone Prairie



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Cold Regions Hydrological Observatory



Coldwater Laboratory,
Canmore, Alberta



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Greg Galloway

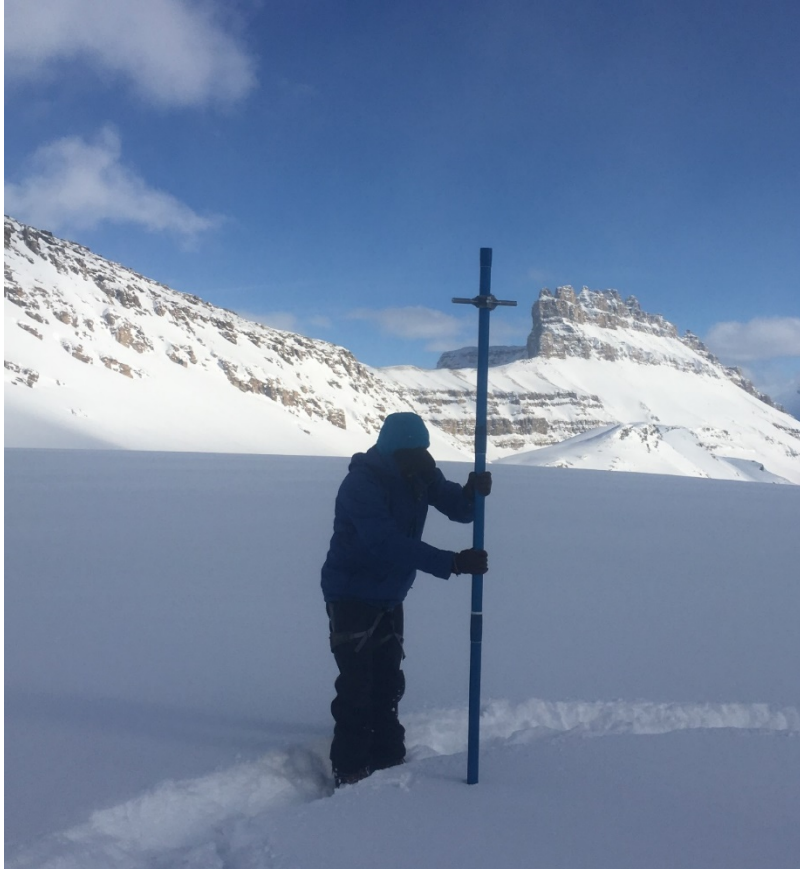
Eric Courtin



Sibbald Wetland



Snow Surveys



Stream Gauging



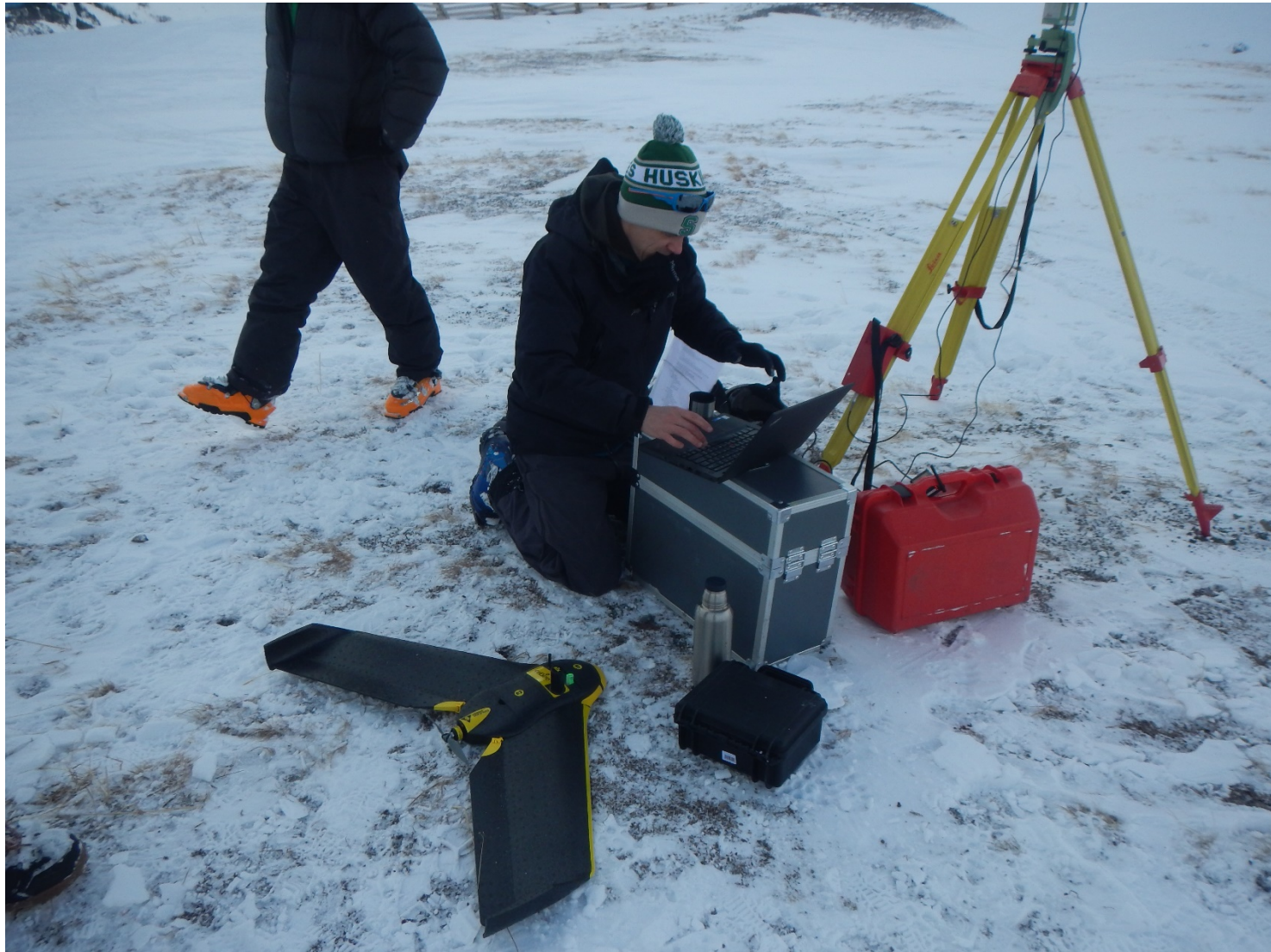
Peyto Glacier Drilling for Monopole Station



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Dr. Joe Shea





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Smart Water Systems Laboratory



Canadian Rockies Hydrological Observatory,

Airborne Cold Regions Observatory