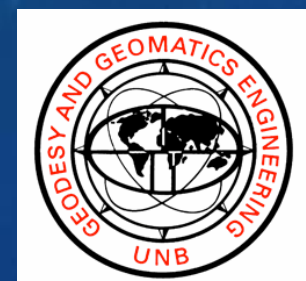


GEOMATICS INNOVATION @ UNB

When: Nov 14, 9am-10am & Nov 15, 9am-12pm

Where: UNB- Head Hall Room H301



AGENDA

Nov 14, 2018

- 09:00 **Getting More Out of GeoNB**
Bernie Connors, Service New Brunswick
- 09:30 **Next Generation GIS**
Dr. Yun Zhang, UNB-GGE



Nov 15, 2018

- 09:40 **Welcome**
- 09:45 **A Web Service for Creating RHEALPIX Discrete Global Grids**
David Bowater, UNB-GGE , MScE program, year 2
- 10:00 **Array-Aided Uncombined Precise Point Positioning with Integer Ambiguity Resolution for Absolute Total Electron Content for CASSIOPE Zenith-Facing GNSS Antennas/Receivers**
Heather Ann Nicholson, UNB-GGE, MScE program, year 4
- 10:15 **Automated Processing of Arctic Crowd-Sourced Hydrographic Data While Improving Bathymetric Accuracy and Uncertainty Assessment**
Khaleel Arfeen, UNB-GGE, MScE program, year 2
- 10:30 **Hyper-Parameter Tuning of LSTM Recurrent Neural Networks for Forecasting Stock Market Prices**
Kaine Black, UNB-GGE, MScE program, year 2
- 10:45 **Break**
- 11:00 **Using SVM for Predicting Electrical Vehicle Charge Station Occupancy**
Alec Parise, UNB-GGE, MScE program, year 2
- 11:15 **Surveillance of Cholera Outbreak in Karonga District, Malawi Using ArcGIS Online**
Maxwell Kamba, Mzuzu University, MSc graduate exchange program, year 1
- 11:30 **Capturing the Lived Experience and Geospatial Distribution of the 2017-2018 Cholera Epidemic in Northern Malawi**
Zoe Jackson, UNB-History, BA program, year 4
- 11:45 **Closing Remarks, Best Presentation Award**