

Why to study mountain lakes?

- ❑ An important water and recreational source for mountain regions.
- ❑ Climate change affects lake hydrology and stability.
- ❑ Complex hydrological nature.

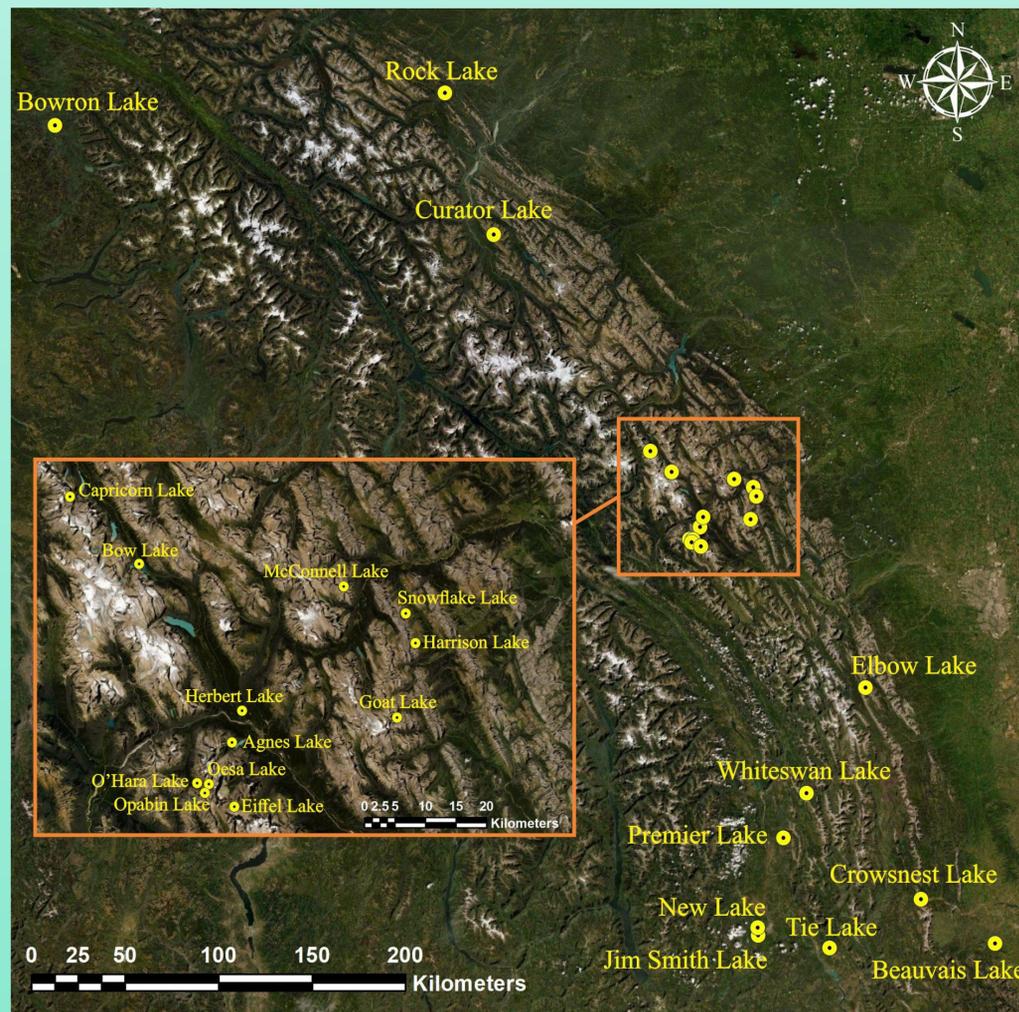
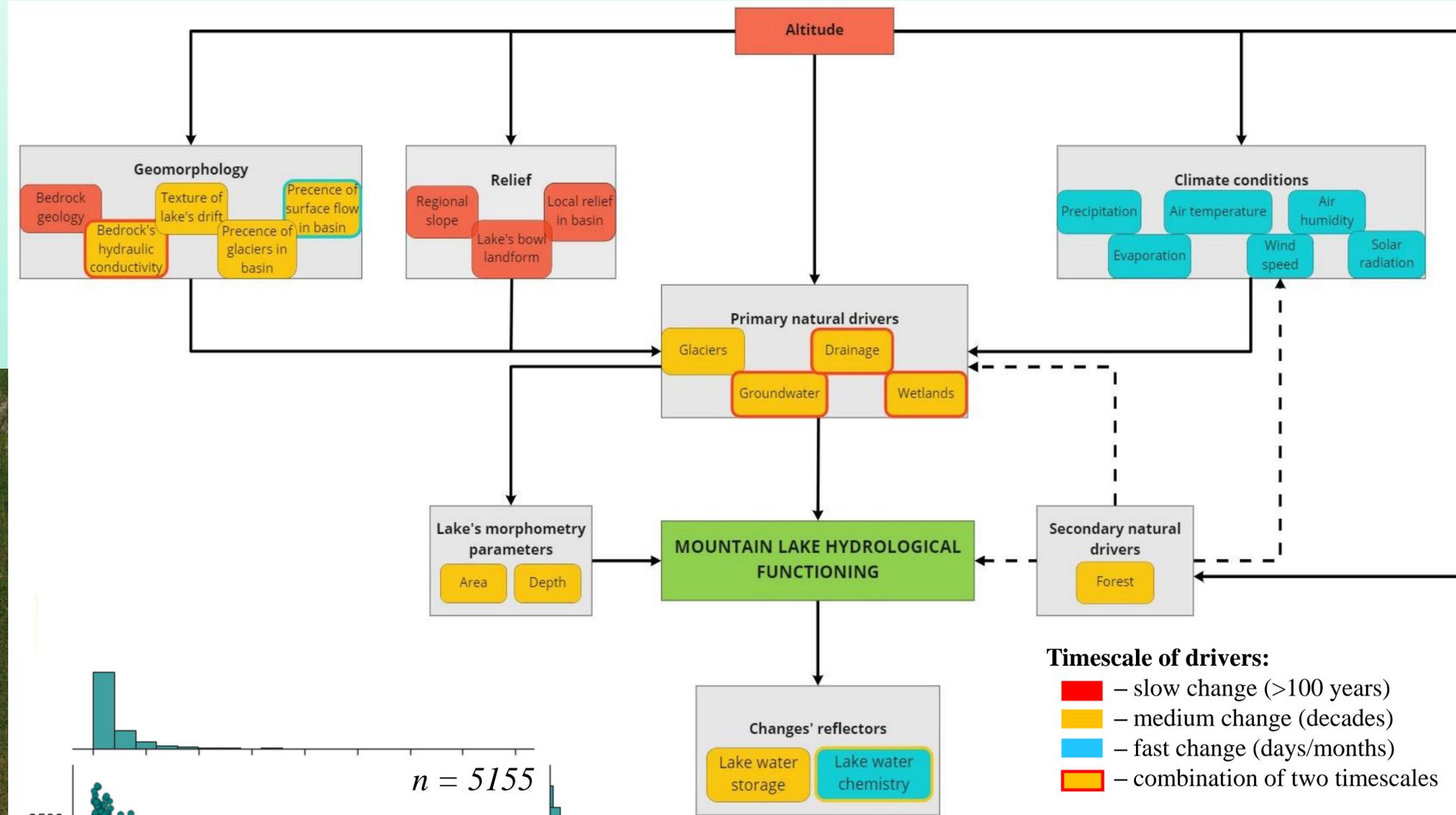
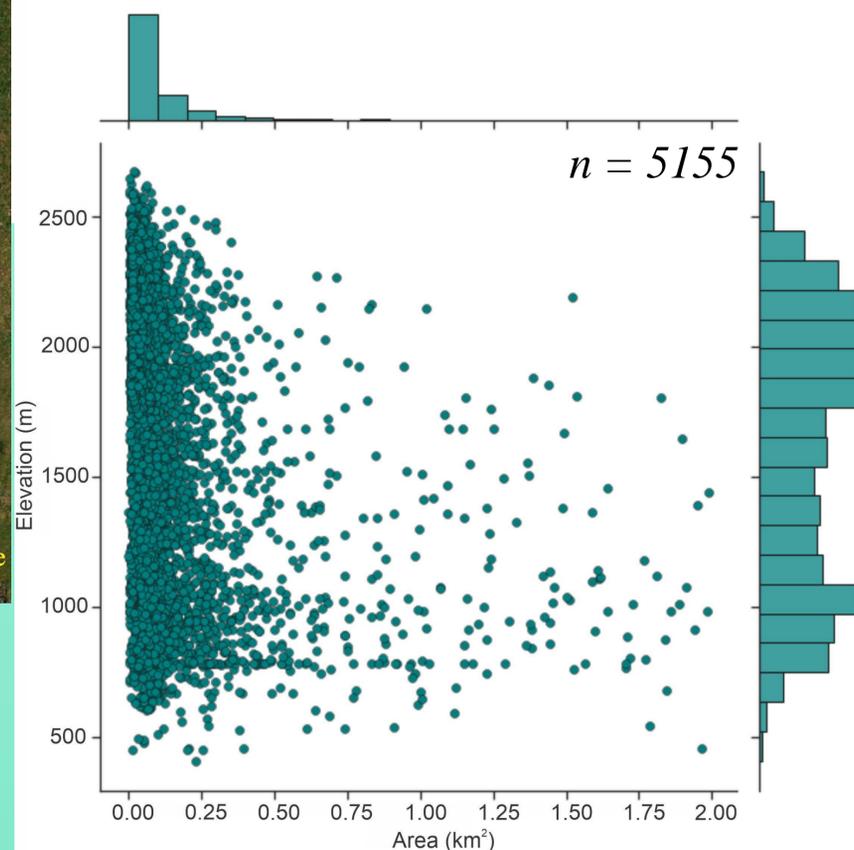


Figure. Location of 23 lakes with some degree of data needed to define their hydrological functioning



Research takeaways

1. There are numerous lakes in Canadian Rockies, many of which are small. Little is known about their hydrology, with only 23 studied in any detail.
2. Developed is a conceptual framework for mountain lake hydrological functioning by extracting key drivers from the literature and defining their time scales.
3. The framework is a universal tool ready for testing in the Canadian Rockies and other mountain regions to determine its transferability and ability to assess global warming influences on the lakes on broader scale.