Remote Sensing and the Arctic System

Topics for Bachelor theses

3. How can the influence of cities on the wind profile be characterized by surface parameters?

- analysis of Doppler lidar data from Leipzig (since 2015)
- work with and modify existing code to account for different atmospheric states
- improve current understanding of urban dynamics

Requirements/ Interests:

- eagerness to learn and develop programming skills (Python)
- interest in interpreting meteorological data
- having fun doing statistical analyses

Supervisors:

- Heike Kalesse
- Moritz Lochmann