

# Characteristics of snow drifts around icebergs in Antarctica from airborne laser scanner data

- Icebergs embedded in fast ice in Antarctica are surrounded by semi-permanent snow drifts with distinct geometries. The goal of this MSc thesis is to analyse the geometries of a large number of snow drifts and to relate them to predominant climate and snow conditions, and iceberg geometries.
- Use of airborne laser scanner data from Antarctica in 2018 and 2022. Comparison with satellite radar (SAR) imagery.
- Requirements: Good programming and English language skills, good grades, (experience with working with large geographic data sets is of advantage)

[Christian.Haas@awi.de](mailto:Christian.Haas@awi.de)

