

# Shift in winter air mass transport at Svalbard

## Project and motivation

- Radiosondes showed changes in air mass transport patterns: more S-SE winds now

## Goals

- Can we see this shift with back-trajectories?
- Study effects on temperature and specific humidity.

## DATA

- Hypsilt back-trajectories (100, 500, 1500 m)
- ERA-5: temperature and specific humidity
- Observation data: Temperature, aerosols, wind speed and wind direction.

