Glacier calving behavior has been tied to changes in the ice mélange.

Amundson et al, 2010; Howat et al. 2010; Walter et al. 2012

**Question:** What is the impact of down-fjord winds on the ice mélange?

Oltmanns, Straneo, Hamilton, Mernild, Buccino
**Method:** Construct Helheim ice mélange index using a time-lapse camera and compare the time series with wind data from weather station at Sermilik Fjord.

G. Hamilton
Result: Strong winds are often associated with the disintegration of the ice mélange.