Geophysical Research Abstracts Vol. 21, EGU2019-17956, 2019 EGU General Assembly 2019 © Author(s) 2019. CC Attribution 4.0 license.



IGLO: Build your own teaching on Arctic climate change

Anne-Katrine Faber (1) and Helle Astrid Kjær (2)

(1) University of Bergen, Bjerknes Centre for Climate Research, Department of Earth Science, Bergen, Norway (akfaber@uib.no), (2) University of Copenhagen, Centre for Ice and Climate, Niels Bohr Institute, Copenhagen, Denmark

Can we use the general interest of Arctic climate to introduce students to climate science?

In the project IGLO we aim make knowledge about the Arctic climate system more accessible for high school students in Scandinavia. We have done that by developing IGLO, a web portal that helps teachers build their own teaching on Arctic climate change (see more at www. iglo.w.uib.no). IGLO is thus a web portal that works as a tool that makes it easier to plan your own teaching. The purpose is to make it easy and efficient to find high quality material about Arctic climate change.

The web portal is especially made to target the teachers. Here updated information about climate changes (and updated animations and graphs) is presented. Furthermore, the web portal is designed for teachers by categorizing all types of teaching material (e.g. "classical" climate change animations) into subjects and themes so that teachers easier can handpick and «build their own teaching». In addition, we give students and other interested people opportunities to follow the life of young scientists by using an Instagram account where young Arctic climate researchers communicate their work. The goal is that project IGLO helps to bridge the gap between Arctic climate researchers and teachers.