



Polar Portal: providing up-to-date information for science instruction in Danish primary and secondary schools

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Numerous resources exist for teachers and students to learn about the Arctic. However, many of them tend to be outdated and often do not account for the rapid changes recently observed in the Arctic. Many other resources are reasonably up-to-date, but to our knowledge none of them takes into account the most recent developments. Such information is delivered by the Polar Portal, which provides in situ and satellite observations as well as model products for the Arctic in general and Greenland in particular on a daily basis. The Polar Portal is a joint initiative of Danish researchers from GEUS (Greenland Survey), two departments of the Technical University of Denmark (DTU Space and DTU Byg) and the Danish Meteorological Institute, DMI, which also coordinates the activities.

We have initiated a project in which Polar Portal data is used for science instruction in primary and secondary schools in Denmark. The project team includes a journalist specialized in conveying complex information adequately to target groups, a gymnasium teacher who also is a consultant to the ministry with regard to the formulation of exam questions, an educational consultant at the Center for School and Teaching (Danish institution that stands for the education of teachers) as well as a digital designer and an IT and AV developer.

Before we will apply for the full project later this year, we have conducted a feasibility study with a limited set of questions that was tested at a limited number of primary and secondary schools. Results, including a survey among the students, will be presented.