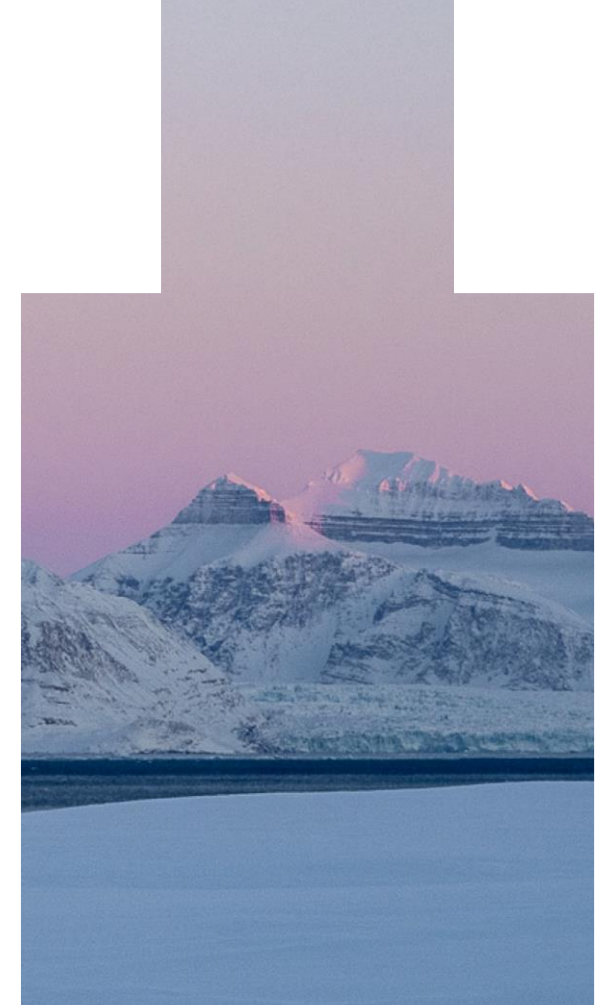




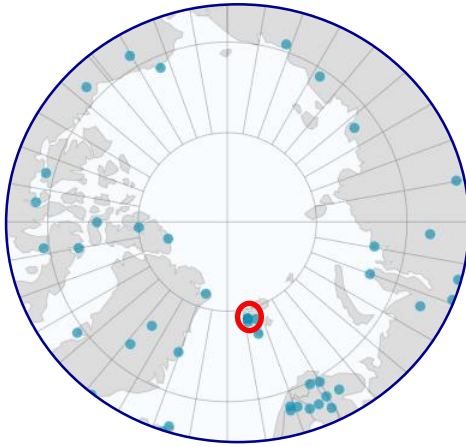
Ny-Ålesund  
Research Station  
Norway

# Ny-Ålesund Research Station

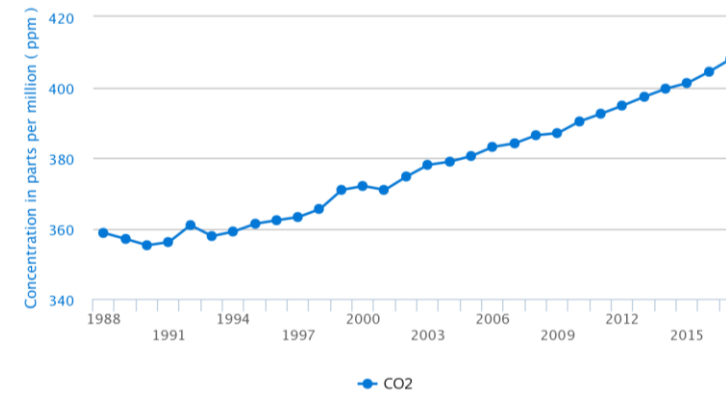
Christina A. Pedersen, Dr.scient.  
Senior advisor/scientific coordinator  
Norwegian Polar Institute  
[christina.pedersen@npolar.no](mailto:christina.pedersen@npolar.no)



# Why Ny-Ålesund Research Station is important



Unique location



Data: NILU – Norwegian Institute for Air Research, Stockholm University

Long time series



Easy access and extensive infrastructure



International collaboration



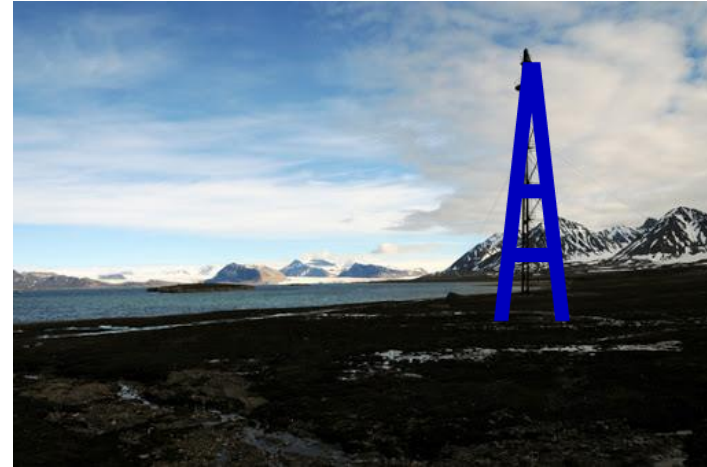
The Research Council of Norway's first research strategy for Ny-Ålesund came in 2019

It also gave new roles for Norwegian Polar Institute and the company managing the infrastructures on site, Kings Bay AS





Combining the fascinating history of Ny-Ålesund with the unique nature - the clean atmosphere, the landmasses, the melting glaciers and the marine system...



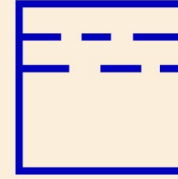


**Ny-Ålesund**  
**Research Station**  
**Norway**

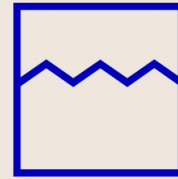


The four  
Ny-  
Ålesund  
flagship  
programs

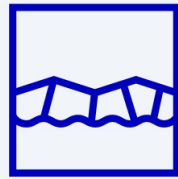
**Atmosphere**



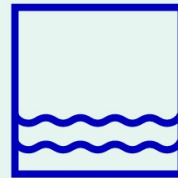
**Terrestrial Ecosystems**



**Glaciology**



**Kongsfjorden System**





Ny-Ålesund  
Research Station  
Norway

New webpage <https://nyalesundresearch.no/>

SEARCH  MENU 

Ny-Ålesund is the world's northernmost year-round research station, facilitating and hosting research projects and long-term observation series. We make it possible to monitor, understand and explain Arctic systems and global changes.





## Shared research infrastructure



### Kings Bay Marine Laboratory

The Kings Bay Marine Laboratory is the northernmost experimental laboratory for research in marine ecology, physiology, biochemistry, as well as physical sciences like oceanography, marine geology and ice physics. The laboratory is located right on a beach with easy access to boats.



### Vaskeri lab

The Vaskeri Lab is an older building that can be used for environment and terrestrial laboratory work, and is perfect for work with soil, sediments, animal sampling etc. It consists of two common labs, an meteorology and calibration facilities.



### Kongsfjorden film

February 8, 2021



### Update from the Terrestrial Ecosystems Flagship

January 29, 2021



### Greenhouse gases and aerosols at Zeppelin at all-time high

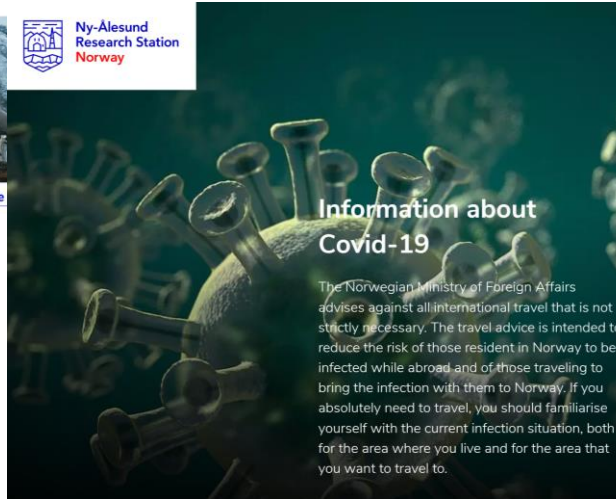
December 2, 2020



### Veksthuset

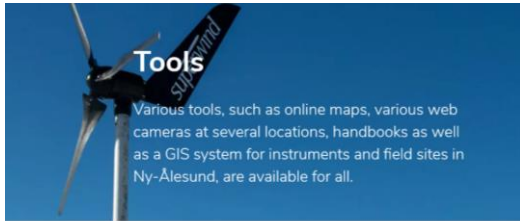


### Grubebadet Atmosphere



## Information about Covid-19

The Norwegian Ministry of Foreign Affairs advises against all international travel that is not strictly necessary. The travel advice is intended to reduce the risk of those resident in Norway to be infected while abroad and of those traveling to bring the infection with them to Norway. If you absolutely need to travel, you should familiarise yourself with the current infection situation, both for the area where you live and for the area that you want to travel to.



## Tools

Various tools, such as online maps, various web cameras at several locations, handbooks as well as a GIS system for instruments and field sites in Ny-Ålesund, are available for all.

[Home](#) → [Research, monitoring and flagships](#) → [Infrastructure and shared resources](#) → [Tools](#)

## Maps

The Norwegian Polar Institute produces and maintains several [online](#) and [printed maps](#) of Svalbard and Ny-Ålesund that can be used when planning and conducting field work in Ny-Ålesund.

[Topo Svalbard](#) is a topographical map of Svalbard with place names, updated glacial fronts from satellite imaging and overview of nature conservation areas.

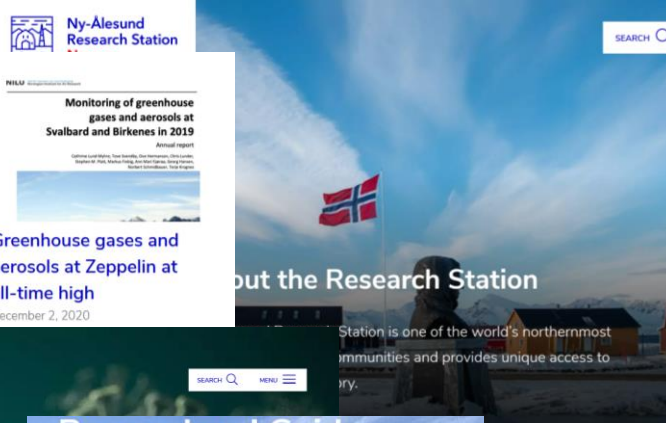
[Svalbardkartet](#) is an interactive themed atlas of Svalbard supplemented with a rich dataset of environmental data layered on top of a detailed topographic base-map. Svalbardkartet also provides information about instruments, installations and field sites in Ny-Ålesund in the layer [Ny-Ålesund Research Objects](#) (Ny-Ålesund GIS, see below). All information in Svalbardkartet is open to all.

NPI also has [offline maps of Svalbard](#) (including an [offline geological map](#) of Svalbard) that works on mobile, tablet and PC.



## Ny-Ålesund

Ny-Ålesund is the world's northernmost year-round research station. Serving the research community for more than 50 years, it is an important Norwegian platform for international collaboration in Arctic natural sciences. At 79°N, Ny-Ålesund is an ideal location for Arctic research and environmental monitoring.



## Researchers' Guide

Welcome to Ny-Ålesund!

[Home](#) → [Research, monitoring and flagships](#) → [Researchers Guide](#)

This guide is designed to help researchers who are considering going to Ny-Ålesund make an informed decision. The information contained in the guide will assist in the initial assessment of whether a particular project should include (field) work in Ny-Ålesund, in applying for the necessary permissions and requesting/booking of the stay, in the actual work on-site, and in the follow-up after the work has been completed.



### I – Project planning



### III – Project execution



### II – Project preparation



### IV – Project follow-up

TUESDAY  
02.11.2021

3rd Svalbard Science Conference  
Scandic Fornebu, Oslo, Norway

[Home](#) → [Document archive](#)

## Document archive

Title search ...

Date from  Date to

All categories

All document types  [Clear all filters](#)

This is the open document archive for Ny-Ålesund Research Station. It includes central documents from the four Ny-Ålesund flagships and NySMAC. Use the search, or category, type and date filters to find what you are looking for.

The password-protected NySMAC documents (including meeting minutes) can be found in the [password-protected NySMAC archive](#).



## Ny-Ålesund Science Managers Committee

Ny-Ålesund Science Managers Committee (NySMAC) was established to enhance cooperation and coordination among researchers and research activities in Ny-Ålesund, and includes representatives from all parties with major vested interests in Ny-Ålesund.





# Researcher's guide



I – Project planning

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II – Project preparation

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III – Project execution

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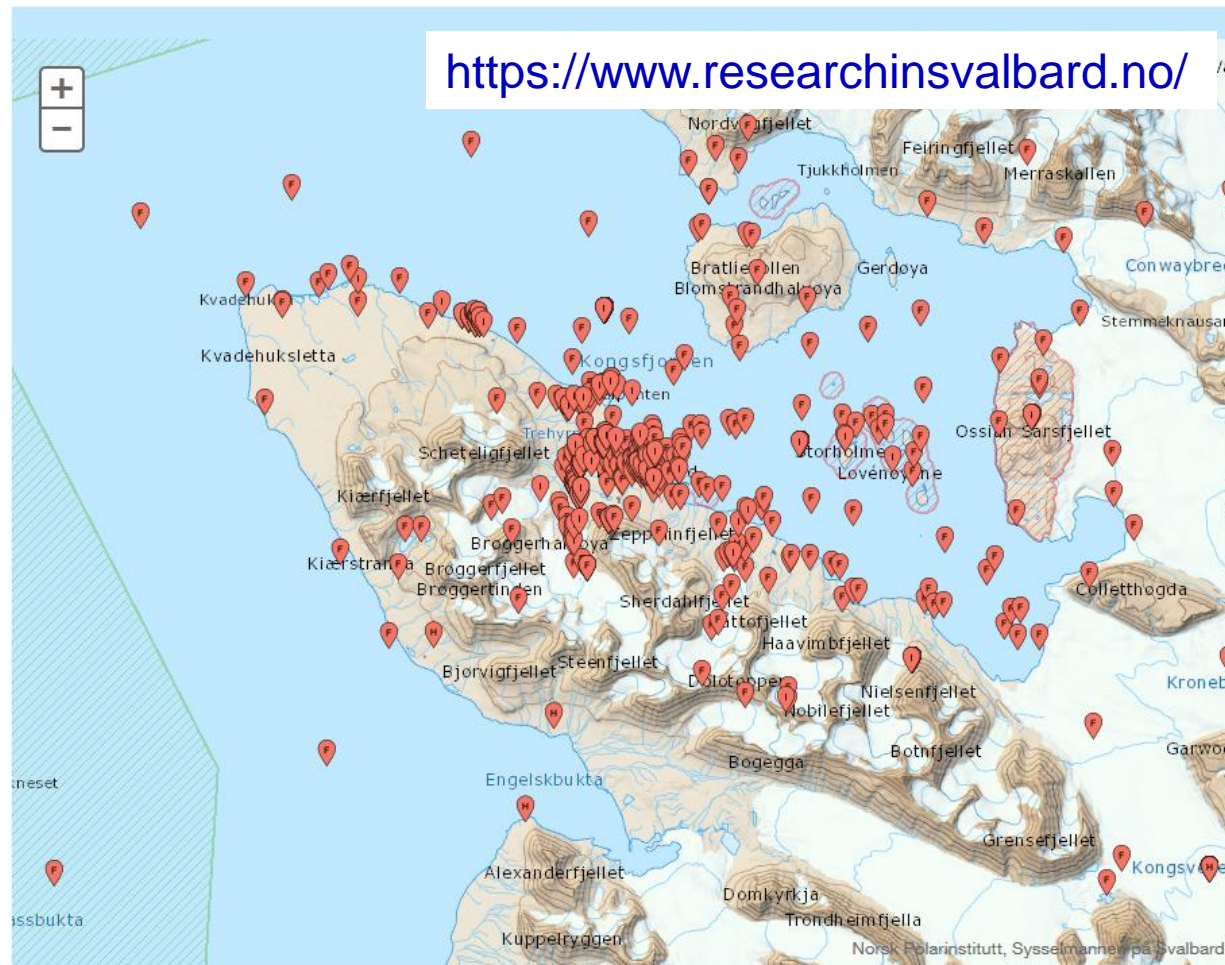


IV – Project follow-up

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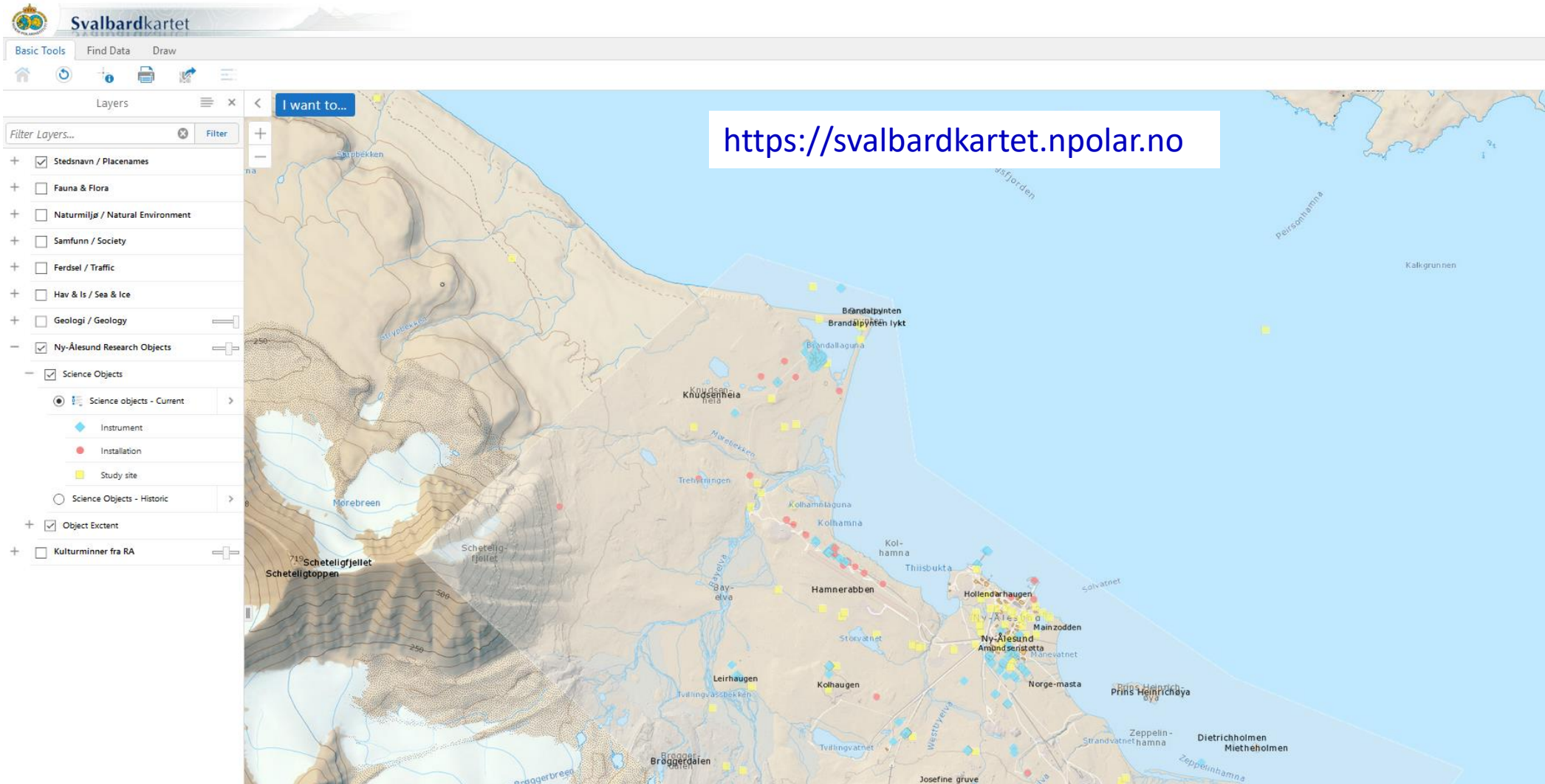


# Overview of research projects – Research in Svalbard data portal





# Overview of instruments, instalations and field sites - Ny-Ålesund GIS in Svalbardkartet





# Newsletter

If you wish to receive regular updates about Ny-Ålesund Research Station, please sign up for our monthly newsletter below.

<https://nyalesundresearch.no/newsletter/>



Photo: Max König (NPI)

A screenshot of the Facebook profile page for Ny-Ålesund Research Station. The profile picture shows a person in a red jacket and brown gloves working with scientific equipment in a snowy environment. The name is "Ny-Ålesund Research Station" with the handle "@nyalesundresearch · Scientist". There is an "Edit Contact Us" button. The navigation bar includes "Home", "Groups", "Jobs", "Events", "More", "Promote", and a search icon.

A screenshot of a Facebook post from Ny-Ålesund Research Station. The post is published by Christina A. Pedersen on May 18 at 9:23 AM. The text of the post reads: "Maarja Kruusmaa and her colleagues write about their work and experience in Ny-Ålesund in the new INTERACT e-book Stories of Arctic Science II. The team visited Ny-Ålesund and NPI-Sverdrup in a transnational access (TA) project. Their project focus on using smart sensor systems to make detailed maps of how glacial channels evolve over time and space". Below the text is a banner image for the e-book titled "INTERACTIVE e-book Stories of Arctic Science II" with the subtitle "International Network for Terrestrial Research and Monitoring in Arctic". At the bottom of the post, the website "INTERACTSCIENCESTORIES.ORG" is listed, followed by the text "INTERACTIVE e-book. Stories of Arctic Science II" and "International Network for Terrestrial Research and Monitoring in Arc...".