

Integrating Activities for Advanced Communities



D2.6 – 1st Newsletter issues for Teachers

Project No.730938– INTERACT

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Dissemination Level		
PU	Public	X
PP	Restricted to other programme participants (including the Commission Services)	
RE	Restricted to a group specified by the Consortium (including the Commission Services)	
CO	Confidential, only for members of the Consortium (including the Commission Services)	

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Publishable Executive Summary

INTERACT Research Stations generate a huge amount of valuable sources for teachers and educators that is made available through the INTERACT web site. To inform about these resources and of ongoing activities of relevance, INTERACT will produce three newsletters for teachers during the life time of the project. This first Newsletters presents for example INTERACT's new web site, its photo gallery, its blog and its newly developed educational material that was produced in collaboration with Wicked Weather Watch Charity. The Newsletter was distributed to almost 100 teachers that had signed up for the Newsletter.

1. Introduction

Newsletter issues for Teachers are a part of Task 2.2 “Promote Arctic and climate change issues in education”.

Newsletters are one of the tools of communication with science teachers and polar educators. They are designed to inform the teachers about INTERACT educational resources. They are also intended to promote polar and climate change issues within school organisations.

Within the project, a series of 3 Newsletters will be produced and distributed among the teachers. This document describes the 1st Newsletter for Teachers.

2. Technical details

The 1st Newsletter for Teachers was sent out on 12 January 2018 by e-mail to 94 science teachers and polar educators who participated in the 1st CAWI Survey (May/June 2017) and expressed their interest in receiving news about the Project. The Newsletter contains 2 pages and is published in PDF format. It can be downloaded, read on-line or printed out in A4 format.

The Newsletter was also published on the INTERACT website (under the link: <https://eu-interact.org/download/newsletter-teachers-educators/>), and on INTERACT Facebook site, on 17 January 2018.


3. The contents


The 1st Newsletter for Teachers contains information about the Project’s new website and its features, educational resources produced or co-produced by INTERACT, and information about the results of the 1st CAWI survey (conducted among the teachers in 2017). Below is a detailed list of topics:

1. Introduction
2. A new website
3. New educational resources
4. Learn what educators need
5. Learn about INTERACT stations
6. Gallery and glossary
7. INTERACT online outreach course
8. Science stories book

The Newsletter also contains information about arctic research blogs, Facebook site, a short general note about the Project, and contact details.

4. The Newsletter






INTERACT NEWSLETTER

for teachers and educators

Newsletter #1, January 2018

Dear Teachers and Educators,

Did you know that the INTERACT project has just launched a new website? We are more than happy to finally present it to you along with other fantastic news! You can now: dive into new educational resources and share them with your students; not only find but also get to know each and every INTERACT station; get yourself acquainted with results of the survey on new educational resources; take an interesting journey to explore and understand Arctic regions thanks to the downloadable science stories book; discover a beautiful gallery, full of amazing photos taken near INTERACT arctic research stations. Let's have a look at what's new in the INTERACT project!




A new website: new content, design, and functions: visit our new INTERACT website!



New educational resources created in cooperation with the Wicked Weather Watch



Learn what educators need. Results of the survey on new educational materials



Learn about INTERACT stations with our brand new interactive on-line map

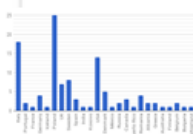
A new website

Our brand new website has just been launched! Apart from information and news from the project, you will find an interactive map and detailed descriptions of stations from the Arctic and northern Alpine areas, and a growing range of educational resources. Visit us at www.eu-interact.org.

New educational resources

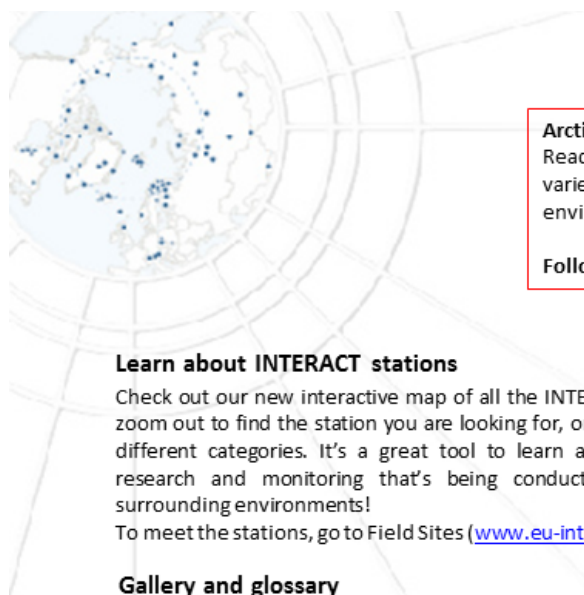
One of our aims is to raise awareness of the Arctic, and to strengthen the teaching of science based on the results of research and observations carried out in polar stations and observatories. That's why we are creating a collection of free educational resources about the Arctic. In the "Arctic Awareness" (<https://eu-interact.org/arctic-awareness/>) section you will find a collection of new educational materials. Here you can already find the first three resources, developed in cooperation with the Wicked Weather Watch, which give you essential information and tips how to conduct awesome Arctic experiments with the students! More materials coming soon!

Learn what educators need



At the beginning of summer we asked science teachers and polar educators from all over the world to help us define the needs and preferences in terms of new educational materials about the Arctic. Thanks to participants from 25 countries we acquired essential knowledge about the most desirable topics, the most preferable types of materials, and many more. The results will allow us to assess various priorities for producing educational materials, and to understand at what levels and how they will be used. The most interesting topic from the survey was climate change. Corresponding issues (glaciers, rising sea levels, extreme weather events, etc.) were also very high on the scale. The most desirable types of new educational materials were multimedia presentations in PowerPoint, graphics and schemes, and movies. The full report is here: https://eu-interact.org/app/uploads/2017/11/D2_2_v1.pdf. A big thank you to everyone who participated in the survey!





Arctic Research Blogs

Read blogs posted by researchers doing field work on a wide variety of topics, all related to the Arctic and northern environment: www.arcticresearch.wordpress.com

Follow us on Facebook: www.facebook.com/InteractArctic/

Learn about INTERACT stations

Check out our new interactive map of all the INTERACT stations! Zoom in and zoom out to find the station you are looking for, or use the search engine with different categories. It's a great tool to learn about the stations, and the research and monitoring that's being conducted there as well as the surrounding environments!

To meet the stations, go to Field Sites (www.eu-interact.org/field-sites/).



Gallery and glossary



Discover our gallery for a unique insight into the world of the Arctic. What makes the gallery special is the fact that most of the pictures were taken at or near INTERACT arctic research stations. The gallery (www.eu-interact.org/gallery/) can be browsed either by category (animals, landscapes, people, research) or by title. The glossary (www.eu-interact.org/glossary/) contains a collection of terms, definitions and abbreviations related to the Arctic.

INTERACT online outreach course



"The Changing Arctic", a Mass On-line Outreach Course (MOOC) is available in English on Coursera (<https://www.coursera.org/learn/changing-arctic>) and in Russian on Lektorium (<https://www.lektorium.tv/mooc2/26271>). The course was commissioned and supported by Tomsk State University (TSU) as a joint venture between TSU and INTERACT and it is also affiliated with the University of the Arctic. The course was developed by Prof. Terry V. Callaghan and Dr Hannele Savola and is presented by Terry. It covers all aspects of climate and environmental change in the Arctic and its local and global consequences.

Science stories book

One of INTERACT's publications, is particularly helpful for teachers and educators, but is also inspiring for future Arctic researchers! The book is divided into seven sections that take the reader on a journey of understanding through the Arctic. It includes the processes that form the landscapes, the frozen glaciers and permafrost environments, the ground processes that store and release greenhouse gases, the ecology of land and freshwater and eventually the Peoples of the Arctic.

To download the book, please go to: <https://eu-interact.org/publication/1349/>



The INTERACT project is a circumpolar network of 83 Arctic research stations and northern alpine areas of Europe, Asia and North America, and an international consortium of 47 scientific institutions devoted to polar research. Through the project we build a capacity for identifying, understanding, predicting and responding to diverse environmental changes throughout the wide environmental and land-use envelopes of the Arctic. One of our aims is to facilitate the education and recruitment of the next generation of researchers.

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