

INTERACT NEWSLETTER

for teachers and educators

Newsletter #1, January 2018

Dear Teachers and Educators,

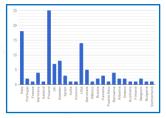
Did you know that the INTERACT project has just launched a new website? We are more than happy to finally present it to you along with other fantastic news! You can now: dive into new educational resources and share them with your students; not only find but also get to know each and every INTERACT station; 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

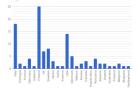
Our brand new website has just been launched! Apart from information and news from the project, you will find an interactive map and detailed descriptions of stations from the Arctic and northern Alpine areas, and a growing range of educational resources. Visit us at www.eu-interact.org.

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 asses 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!



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 (<u>www.eu-interact.org/field-sites/</u>).

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

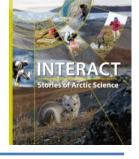


"The Changing Arctic", a Mass On-line Outreach Course (MOOC) is available in English on Coursera (https://www.coursera.org/learn/changing-arctic) and in Russian on Lektorium (https://www.lektorium.tv/mooc2/26271). The course was commissioned and supported by Tomsk State University (TSU) as a joint venture 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 Savela 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.



