WP 7 – Preparing for a future world: improving education and awareness at all societal levels

Get Active!

Explore treasures in permafrost

Explore treasures at risk from thawing permafrost. Coastal permafrost thaw is particularly fast because of warming and loss of sea ice that protects the coast from storms and waves.

Click a tool

Terry V. Callaghan CMG, Sheffield University
Agata Goździk, Institute of Geophysics PAS
The main objectives are:

- to develop and deliver educational resources at school level in response to needs identified by teachers across the world

- to increase awareness of the general public (including influential people) to Arctic environmental change and its global implications
Task 7.1

*Increased public awareness of Arctic environmental change and its global implications* (Lead: USFD, sub-contract to BBC)

Four movies focussing on:

- A disappearing home
- The cost of Arctic tourism
- Extreme causes for concern
- Arctic amplification
Task 7.1

*Increased public awareness of Arctic environmental change and its global implications* *(Lead: USFD, sub-contract to BBC)*

Suggesting story lines and contacts for the BBC 4 films, collecting photos, interviews and videos for the films.
Task 7.1

*Increased public awareness of Arctic environmental change and its global implications* *(Lead: USFD, sub-contract to BBC)*

Request for footage email
9 September
Online storage – Pcloud
https://e1.pcloud.link/publink/show?code=kZLLR4Zw2AjqTSCQcpPn3kGQDjkc5gU3OJk
Network and communication activities with teachers and schools
(Lead: IGF-PAS)

2 newsletters (PL+EN) were sent to 2362 STEM teachers from 60 countries:

• On 5 Sept about the INTERACT Science Stories book with invitation to use them in the classroom

• On 27 Sept with invitation to INTERACT online lessons
Connect, Learn and Act in Iceland with polar educators and researchers from around the world at PEI’s 5th biennial workshop Stories in Ice which included 2 days in the field exploring, experiencing and learning about Iceland.

Presentation on INTERACT at the Conference of POLAR EDUCATORS INTERNATIONAL
Task 7.2

Next steps:

Panel discussion on 27 Oct: Networking with Stakeholders
Task 7.2

Next steps:

• Presentation of INTERACT educational resources at Scientix 4 international conference (at the plenary session for 2000 planned participants)

• Newsletters with invitation to new lessons

4TH SCIENTIX CONFERENCE: 18-19 NOV. 2022

Registration to the 4th Scientix Conference is now open!
Promotion of polar issues by providing educational resources to schools.
(Lead: IGF-PAS)

4 topics were preliminary proposed:

1. The changing Arctic (in terms of Arctic amplification, decreasing sea ice extent and sensitivity of the Arctic to the climate change)

2. Pollution in the Arctic (in terms of plastic pollution, but also black carbon and other pollution)
3. **THE NOT KNOWING** of polar research, ecology and ecosystem services. Emphasize on life in freshwater and soil, two highly important elements of polar areas, which are rarely treated in both science and media.

4. **POLAR INVASIONS**: How some life adapts too well in the Arctic (humans and other invasive species), and how it affects the existing (from the ecosystem to our ecosystem services). The e-book shows a path from ecosystem science to consequences for ecosystem services. Our topic complements this in showing specific species examples of such paths.
Online lessons for secondary schools
(Lead: IGF-PAS)

- 60 online lessons for secondary schools (IGF-PAS + NIBIO)
- additional set of webinars by Transnational Access Users (all stations with TA)
Requirements from others

Request for footage