

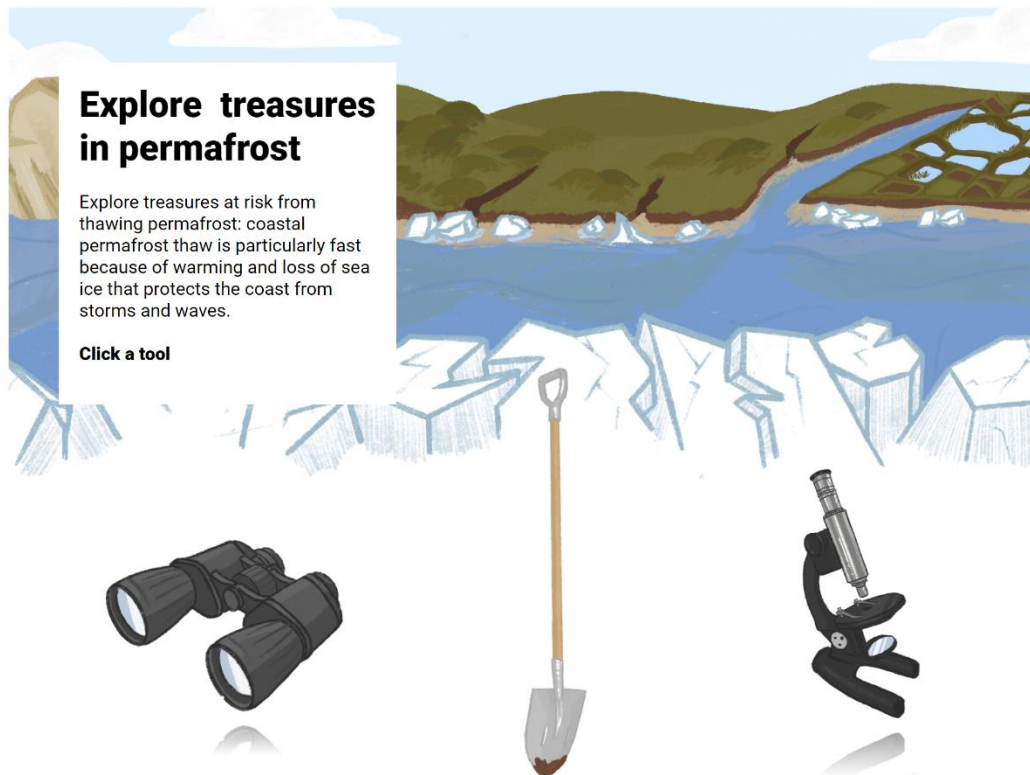
## WP 7 – Preparing for a future world: improving education and awareness at all societal levels

### 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*



## Aim of WP

*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>



## Task 7.2

### *Networking 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



## Task 7.2

### PEI 2022 Iceland

# Stories in Ice

connect ♦ learn ♦ act



**PEI 2022 - ICELAND**  
connecting polar research, education, & the global community

Polar Educators International 5th international conference  
12-15 April, Nýheimar, Höfn in Hornafjörður



**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

## The Future of Research Infrastructure in the Arctic

October 27, 2022 - 9am-7pm





## 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!**





## Task 7.3

*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)



Institute of Geophysics  
Polish Academy of Sciences





## Task 7.3



**NIBIO**

NORWEGIAN INSTITUTE OF  
BIOECONOMY RESEARCH

**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.

## Task 7.4

### *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)





## Task 7.4

3	4	5	6	7
	9a INTERACT: Przystosowania roślin do			
10	11	12	13	14
8a INTERACT: Gleby w Arktyce	8a INTERACT: IS LIFE BELOW WATER			
17	18	19	20	21
	8a INTERACT: Ocean currents and climate			
24	25	26	27	28
	7a INTERACT: Stories of sea ice		7a INTERACT: Plants adaptations to the Arctic	

## Requirements from others

Request for footage

