



**Centrum  
Studiów  
Polarnych**

Centrum Studiów Polarnych  
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## **INTERDISCIPLINARY POLAR STUDIES (IPS-2022) MODULAR MEETING: ARCTIC AMPLIFICATION – GLACIERS – ENVIRONMENT**



### ***The initiative of Centre for Polar Studies***

*(University of Silesia in Katowice, Institute of Geophysics and Institute of Oceanology - Polish Academy of Sciences)*

***Granted by the Ministry of Education and Science, Republic of Poland***

### **MOTIVATION:**

Strengthening of holistic approach to study and better understanding of the Arctic environmental changes and their implications under impact of warming climate. Preparation of new generation of scientists for the International Polar Year 2032/2033 by wider participation in the Ocean Decade (2021-2030) and in monitoring of landscape and seascape evolution in Svalbard with special regards to glaciers and other components of the cryosphere.

### **DATES:**

**30. August – 4. September 2023:**

**(A) 30-31 August 2023: IPS-2023 scientific conference sessions in Longyearbyen**

**(B) 1-4 September 2023: field workshop /Hornsund & Isfjorden region / - using the m/s 'Horyzont II'  
+ Zodiacs**

### **TENTATIVE PROGRAMME:**

**DAY 1: PLENARY SESSION 1: "Amplification of Svalbard warming - Speedup of multifold implications", incl. Invited lectures; Poster session;**

**DAY 2 PLENARY SESSION 2: "Shrinking glaciers and thawing permafrost – Speedup of landscape and seascape changes" incl. Invited lectures.**

**PLENARY SESSION 3: "Methods for the future – The YPY 2032/33 challenge" - incl. Invited lectures.**

**DAY 3 – DAY 6: HORNSUND FIELD WORKSHOP: climate interactions with tidewater glaciers (and the cryosphere), consequences for landscapes and seascapes (physical, chemical and biological aspects) & ISFJORDEN REGION FIELD WORKSHOP: marine and terrestrial environment & ecosystems, hydrology, atmosphere and pollutants.**

## ORGANIZATION

Expected number of participants **up to 40 persons**.

Reasonable participation fee is planned. Some support for early career scientists is expected.

A nucleus of the Organizing Committee is established at the Centre for Polar Studies (see below).

## EXPECTED PARTNERSHIP & PATRONAGE

### *Cooperation kindly requested and expected:*

- Svalbard Integrated Arctic Earth Observing System (SIOS)
- The University Centre in Svalbard (UNIS)
- Association of Polar Early Career Scientists (APECS)
- International Arctic Science Committee (IASC)
- Ministry of Education and Science, Republic of Poland
- The Committee on Polar Research of the Polish Academy of Sciences
- Polish Polar Consortium (PKPol)

## ORGANIZERS & CONTACT PERSONS:

### *Partners of Centre for Polar Studies (CPS) and International Environmental Doctoral School (IEDS)*

- University of Silesia in Katowice
- Institute of Geophysics, Polish Academy of Sciences
- Institute of Oceanology, Polish Academy of Sciences



UNIVERSITY OF SILESIA  
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## FOLLOW-UP:

www: <https://www.polarknow.us.edu.pl/ips-2022/> and fb: <https://fb.me/e/2ic1fhbo4>

