



Photo Lucas Kruger

**Dear SEA-EU Students,**

As part of the ICEPACT – International Cooperation for Education on Sustainable Management and Protection of Antarctic Living Marine Resources and Ecosystems (AntarCTic Partnership of the University of Gdańsk and INACH) project, implemented at the University of Gdańsk, we are pleased to announce that registration is now open for a course that will take place from 13 to 24 July 2026 at the Faculty of Oceanography and Geography, University of Gdańsk.

## Course Details

- **Number of places:** 24
  - 12 places for students from SEA-EU partner universities
  - 12 places for students of the University of Gdańsk
- **Language:** English

## Funding

Within the ICEPACT project:

- Travel and accommodation costs (including per diem) will be covered for SEA-EU students
- Accommodation and per diem will be covered for University of Gdańsk students

## Teaching Staff

The course will be delivered by an international team of experts, including:

- **dr. Lucas Krüger** (Instituto Antártico Chileno)  
<https://www.researchgate.net/profile/Lucas-Krueger-2>
- **Francisco Santa Cruz** (Instituto Antártico Chileno)  
<https://www.researchgate.net/profile/Francisco-Santa-Cruz-3>
- **dr. Grant Humphries** (Oceanites)  
<https://www.oceanites.org/about>  
<https://www.researchgate.net/profile/Grant-Humphries-2>
- **Nils Vanstappen**  
<https://www.researchgate.net/profile/Nils-Vanstappen>
- **Prof. Dariusz Jakubas** (University of Gdańsk,  
<https://www.researchgate.net/profile/Dariusz-Jakubas>)
- **dr. Maciej Markowski** (University of Gdańsk,  
<https://repozytorium.bg.ug.edu.pl/info/author/UOGf01713c917444d43b1db75746cee4e09/?r=publication&tab=publications&sort=&lang=pl>)
- **Zbigniew Trusewicz** (Uniwersytet Gdański,  
<https://repozytorium.bg.ug.edu.pl/info/author/UOG9351ba7edc82435283b97e9ad11935ff?tab=publications&title=Profil%2Bosoby%2B%25E2%2580%2593%2BZbigniew%2BTrusewicz%2B%25E2%2580%2593%2BUniwersytet%2BGda%25C5%2584ski&lang=pl&p n=1>)

**Our lecturers:**

**Lucas Krüger** is a researcher affiliated with the Chilean Antarctic Institute, specializing in the ecology of seabirds in polar environments, particularly in Antarctica. His work focuses on seabird population monitoring, behavior, and the conservation of marine ecosystems.

**Francisco Santa Cruz** is a researcher at the Chilean Antarctic Institute (INACH), specializing in Antarctic marine ecosystems. His work focuses on the ecology of Antarctic krill (*Euphausia superba*) and its role in the food web, as well as population dynamics under environmental change and ecosystem-based fishing management.

**Grant Humphries** is a researcher and marine conservation specialist affiliated with Oceanites. His work focuses on Antarctic ecosystems, particularly penguin populations and other marine organisms, as well as monitoring environmental change and the impacts of human activity in polar regions.

**Nils Vanstappen** is a Belgian legal expert specializing in international governance of polar regions, particularly Antarctica. He works for the Belgian environmental administration and is responsible for Antarctic regulation and policy, including as the Belgian representative to the Committee on Environmental Protection.

**Dariusz Jakubas** is a researcher affiliated with the University of Gdańsk, specializing in the ecology of waterbirds, including seabirds. He has conducted research in both the Arctic and Antarctic regions. His work focuses on foraging ecology as well as the breeding biology and ecology of birds.

**Maciej Markowski** is a researcher and specialist in GIS and remote sensing, specializing in lake hydrology. He conducts research on lake functioning, spatial data analysis, data processing (ETL), and the application of GIS and remote sensing in environmental studies. He teaches courses on the use of GIS technologies and carries out research projects related to lake hydrology and environmental data analysis, including the use of unmanned aerial vehicles (UAVs).

**Zbigniew Trusewicz** is lecturer and project manager. Research interests include remote sensing, cartography, and spatial data visualization. GIS practitioner specializing in the ArcGIS environment. Primarily focused on hydrological aspects and the marine coastal zone. Experienced in field surveys supporting GIS and remote sensing analyses.

## Course Topics

Participants will gain both theoretical knowledge and practical skills in:

- Methods used in monitoring and research of marine environments, including polar and Antarctic ecosystems
- Techniques for handling biological material potentially contaminated with hazardous viruses (including avian influenza)
- Seabird tagging methods, including the use of geolocators
- Statistical analysis of collected data
- Preparation of documentation related to the design of marine environmental protection measures, including marine protected areas and sensitive polar ecosystems

**Application deadline:** 3 May 2026

**Required documents:** CV, motivation letter, opinion/recommendation from a thesis supervisor or academic advisor

**Applications should be sent to:** [anna.panasiuk@ug.edu.pl](mailto:anna.panasiuk@ug.edu.pl)

The course is open to students of first-cycle (Bachelor's), second-cycle (Master's), and third-cycle (PhD) studies.