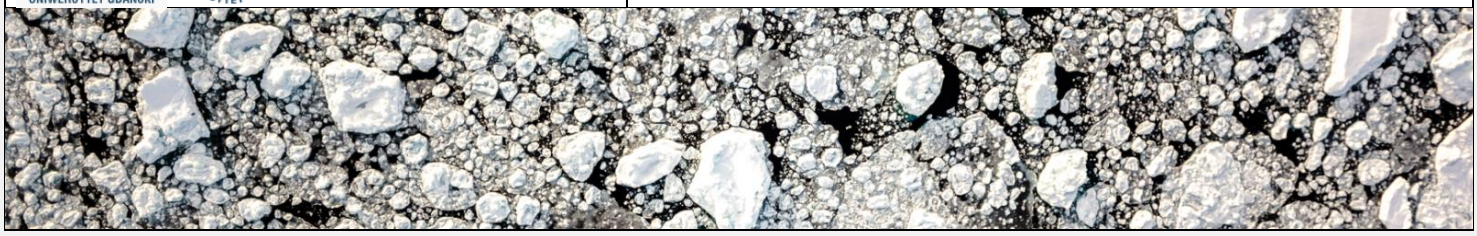
UNIVERSITY of GDAŃSK
INSTITUTE of
OCEANOGRAPHY

NATIONAL SCIENCE CENTRE
POLAND



job offer for a UKRAINIAN RESEARCHER

in a project 2018/31/B/ST10/00195 ("OPUS 16" Programme)

Observations and modeling of sea ice interactions with the atmospheric and oceanic boundary layers

RESEARCH AREAS:

1. numerical modeling of physical processes in the (sub)polar oceans: currents, wind waves, sea ice
2. discrete element modeling of granular materials (and sea ice in particular)
3. sea ice as a granular material – rheology, dynamics (including sea ice interactions with waves)
4. modeling of material transport in the ocean mixed layer

Detailed information and project description available at: https://herman.ocean.ug.edu.pl/en_NCNseaice2.html

REQUIREMENTS:

1. PhD (or an equivalent degree) in physics, physical oceanography, mathematics, computer science or related fields.
2. Employment at an Ukrainian academic or scientific institution directly before the outbreak of the war.
3. Arrival in Poland directly related to the warfare, ***not earlier than 24. Feb. 2022***.
4. Research interests and experience broadly related to the subject of the project.
   This project is about sea ice. If you have experience with sea ice/hydrodynamic/water wave modeling – perfect! If you don't, but you're experienced in discrete element modeling, physics of granular materials, data analysis methods, parallel computing, etc. – we will certainly find an interesting research problem to work on together ☺
5. Practical skills: programming, numerical methods, data analysis, basics of Linux. Matlab skills desirable.
6. Good English skills.

PROJECT TASKS:

To be discussed with the potential candidate, based on their research interests and experience.

PRACTICAL ASPECTS:

Time period: **max one year, starting not later than 30th June 2022**
Recruitment: no formal recruitment procedure – the offer is open until the first successful candidate is found
Salary: dependent on the form of employment (to be arranged with the potential candidate)

For **MORE DETAILED INFORMATION** please contact the project leader:

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