

Postdoc in benthic ecology and carbon cycling in the Arctic

The Large-Scale Processes Team of the Department of Marine Chemistry & Biogeochemistry at the Institute of Oceanology of the Polish Academy of Sciences (IO PAN) is offering a fixed-term, full-time postdoctoral position in the field of benthic ecology and carbon cycling under the newly funded Horizon Europe [BioEcoOcean project](#). The position is available initially for 7 months, with the possibility of extension depending on the availability of funds and mutually satisfactory employment. Anticipated starting date is 1 June 2024. The position is based in Sopot, Poland. The gross monthly salary will be around 10,000 PLN, depending on the employee's qualifications and experience.

We offer very interesting and independent work in a small but interdisciplinary team, and a friendly atmosphere that promotes creativity and personal development.

Please submit your applications by **May 6, 2024**.

About the project:

The BioEcoOcean project proposes a foundational change in how we approach biological and ecosystem (BioEco) ocean observation to enhance scientific understanding, improve management, and ensure sustainable use and development of the ocean. The project is co-creating with stakeholders a Blueprint for Integrated Ocean Science (BIOS) to support and encourage operational workflows adhering to FAIR Data Principles, to better address the evolving requirements for BioEco ocean observations and applications. The project operates in so-called 'living labs' one of which is focused on the development of a Marine Organic Carbon Atlas (MOCA) - a data synthesis product initiative which aims to assemble comparable biogeochemical and biological data needed to consistently map the organic carbon stocks and fluxes associated with several Biology and Ecosystems [Essential Ocean Variables](#), thus bridging critical gaps between biogeochemistry and biology observations and modelling.

Description of tasks:

In close collaboration with international project partners, sister projects and relevant international initiatives, the successful candidate will engage in state-of-the-art research advancing our capacity to observe and model carbon cycling in the benthic layer and on the seafloor in the Arctic basin. To this end, the successful candidate will engage in the following tasks:

- collect feedback and identify consensus on data product requirements for modelling carbon cycling in the benthic layer and on the seafloor;
- convene a workshop bringing together experts in benthic carbon observations and modelling;
- review the availability of adequate benthic communities and associated biogeochemical measurements in the Arctic basin, with focus on the Atlantic sector;
- liaise with the pan-Arctic Distributed Biological Observatories community;
- initiate data assembly and synthesis of relevant data as a contribution to the regional demonstration of the Arctic MOCA.

Requirements:

- A PhD in Marine Ecology, Oceanography or related discipline,
- Excellent command of written and spoken English,
- Experience in conducting benthic ecological research,
- Experience in assembling and synthesizing knowledge from various data sources,

- Peer-reviewed publications in the related field of study,
- Excellent written and oral communication skills,
- Proficiency in using the Office suite,
- Interpersonal skills - high personal culture, building positive relationships, effective communication,
- Independence and commitment to perform assigned duties.

Preferred:

- Experience in conducting field work in the marine environment,
- Knowledge on carbon cycling and marine ecosystem functioning,
- Knowledge on benthic functional traits,
- Experience in working in an international setting;
- Ability to visualize spatial and time series data;
- Knowledge of at least one programming language

Application

To apply for the position, please email project PI Artur Palacz (palacz[at]iopan.pl) with a complete PDF package consisting of the following documents:

- resume,
- cover letter (max. 250 words),
- *consent clause,

In addition, please provide names and contact information of 2 potential referees. The application email mentioning “BioEcoOcean Arctic benthic ecology and carbon postdoc” in the subject line should be delivered no later than **May 6, 2024, 23:59 CET**.

Inquiries

Any questions related to the job offer should be directed to Artur Palacz at palacz[at]iopan.pl

**Please attach a signed document with the following consent clause:*

I hereby consent to have my personal data processed by the Institute of Oceanology Polish Academy of Science pursuant to Article 6 paragraph 1 letter a of the General Data Protection Regulation (GDPR), for the purpose of carrying out a recruitment process for the Post-doc position I also declare that I have read the information on the processing of personal data provided by the Institute in accordance with Article 13 GDPR.

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(place and date) (signature of the declarant)

INFORMATION ON THE PROCESSING OF PERSONAL DATA:

https://old.iopan.pl/praca/INFORMATION_ON_THE_PROCESSING_OF_PERSONAL_DATA.pdf