

**Leading unit:** Institute of Oceanology Polish Academy of Sciences

**Position:** High-throughput sequencing data analysis specialist

**Requirements:**

- Ph.D. in oceanography (specialization in marine biology/molecular ecology/microbiology)
- Strong experience in high-throughput sequencing data generation and analysis (metabarcoding and/or metagenomics) documented by research articles
- Excellent knowledge of statistical tools applied to microbial ecology and paleoceanography, with focus on biomonitoring and paleogenomics
- Proficiency in bioinformatics and biostatistics (R, Python or MATLAB).
- High motivation for scientific work
- Very good English written and verbal communication skills
- Authorship/co-authorship of scientific papers and conference presentations in the field of oceanography/paleoceanography
- Experience in field research and research cruises will be appreciated

**Tasks description:**

- Analysis of recent and paleo-metabarcoding data using standard tools for analysis of high-throughput sequencing data
- Adapting algorithms and statistical methods for the processing of metabarcoding data of particular taxonomic groups (e.g. foraminifera)
- Curating barcoding and metabarcoding databases of selected taxa targeted by the project
- Teaching and assistance in using bioinformatic tools applied to environmental genomics and paleogenomics
- Maintenance and updating of bioinformatics tools routinely used in the lab.
- Writing scientific publications
- Presentation of the results at international scientific conferences

**Deadline for submission:** 15th September 2024

**Applying form:** email to [wichor@iopan.pl](mailto:wichor@iopan.pl) and [pawlowska@iopan.pl](mailto:pawlowska@iopan.pl)

**Terms & conditions:**

- 7,000 PLN net per month
- start date: October 2024

**Other informations:**

- To apply, please send an email to Marcin Wichorowski ([wichor@iopan.pl](mailto:wichor@iopan.pl)) and Joanna Pawlowska ([pawlowska@iopan.pl](mailto:pawlowska@iopan.pl))
- The candidates may be requested additional information or invited to an interview
- The candidates that will not provide all documents, will not be taken into consideration

**Required documents:**

- CV
- Copy of the Master's and PhD diplomas
- Cover letter
- List of scientific publications, participation in research projects, conference attendance, awards etc.
- Contact information
- Consent clause\*

\*Please attach a signed document with the following consent clause ([https://old.iopan.pl/praca/CONSENT\\_CLAUSE.pdf](https://old.iopan.pl/praca/CONSENT_CLAUSE.pdf)):

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 PhD student 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](https://old.iopan.pl/praca/INFORMATION_ON_THE_PROCESSING_OF_PERSONAL_DATA.pdf)