

## Call for Post-doc position

as part of the OPUS-24 LAP research project carried out at the Faculty of Civil Engineering and Geodesy of the Military University of Technology, Warsaw, Poland, entitled: “A new approach for inferring spatially continuous multi-technique vertical land motion (VLM) models for coastal areas and sea level research”, under a contract with the National Science Center, Poland, dated 22.12.2023 (No. UMO-2022/47/I/ST10/01119)

**Name of the Institution:** Faculty of Civil Engineering and Geodesy, Military University of Technology, Warsaw, Poland.

**Position name:** Research assistant professor (post-doc).

### Requirements for Applicants:

1. A Ph.D. degree (or equivalent) in geodesy or a related field, but related to the subject of the project, obtained no earlier than 7 years prior to the year of employment in the project (the time limit from obtaining a Ph.D. degree for female applicants for these positions may be extended by 1.5 years for each child born or adopted).
2. Meeting additional requirements for employment under NCN grants:
  - a. a doctoral degree obtained in an institution other than the Military University of Technology,
  - b. the PI of the project was not a supervisor/assistant supervisor in the applicant's doctoral dissertation,
  - c. during the period of receiving remuneration for the implementation of the project, the applicant receiving the post-doc position may not receive any other remuneration from the funds granted under direct costs in the NCN projects, nor may he/she be employed under any other employment contract; during the period of receiving remuneration, he/she will not receive retirement benefits from the social security system.
3. Familiar with environmental remote sensing and geodetic time series analysis.
4. Track record of scientific achievement in the form of publications in recognized scientific journals from the Web of Science database.
5. The Applicant should have a mastery of spoken and written English at an advanced level (communication, reading, scientific writing).
6. The Applicant should be conscientious, accurate, communicative, able to work independently and as part of a team.

### Task description:

Post-doc position in the OPUS-24 LAP research project entitled: “A new approach for inferring spatially continuous multi-technique vertical land motion (VLM) models for coastal areas and sea level research”. The project is being carried out in LAP collaboration with scientists from Germany (funded by DFG). The PI on the German side is Prof. Jürgen Kusche, University of Bonn.

The Applicant's role within the project will include, in particular: collecting GNSS displacement time series, collecting published InSAR (and other) rate estimates, developing spatial imaging, simulation experiments, performing spatial imaging for simulated, GNSS and ALT-TG displacement time series, identifying regions of large (anthropogenic) subsidence, test InSAR in a region where we trust GNSS, use InSAR to replace GNSS and/or ALT-TG, integrate published InSAR VLM rates into VLM model, creating integrated GNSS + SAR + ALT-TG VLM model, interpolate the integrated VLM model on a coastal grid, overall analysis, verification of research methods, dissemination of results (paper, theses), elaborating final conclusions.

Call for: OPUS-24 POST-DOC.

Deadline for submission: February 20, 2025, 23:59 CET.

Submission form: e-mail to [anna.klos@wat.edu.pl](mailto:anna.klos@wat.edu.pl)

### **Terms and conditions of employment:**

1. workplace: Faculty of Civil Engineering and Geodesy, Military University of Technology, Warsaw, Poland,
2. fixed-term employment contract, for a period of 33 months,
3. expected start: April 2025 (or earlier),
4. expected finisz: December 2027,
5. expected salary: PLN 9,700 gross / month.

### **Additional information:**

Please send your applications to the PI, Anna Klos, electronically (in PDF format) to [anna.klos@wat.edu.pl](mailto:anna.klos@wat.edu.pl), with the reference "OPUS-24 POST-DOC" in the title of the e-mail.

Any questions about the project and this call can be directed to the same e-mail address.

The person hired for the post-doc position will be selected through an open competition conducted by a selection committee appointed by the head of the Military University of Technology, consisting of the PI as chairman and at least two persons designated by her with appropriate scientific or professional qualifications. Candidates are evaluated on the basis of the criteria set forth in the competition announcement, and the results of the competition will be made public by posting on the website of the Military University of Technology.

Selected Applicants who meet the formal and project requirements will be invited for an interview. Exact details of the interview will be sent to invited candidates by email.

### **Required documents:**

1. A request for employment addressed to the Rector of the Military University of Technology.
2. Personal questionnaire.

3. Curriculum Vitae (CV) with full information on past scientific achievements and distinctions resulting from research, information on publications, conference presentations and participation in research projects.
4. A cover letter including a description of the Applicant's academic career to date and the contact information of three academics who can provide references.
5. A copy of the Ph.D. diploma.
6. Other, important documents that may have an impact on the assessment of the Applicant.
7. Statement of consent to the processing of personal data contained in the recruitment for the purposes necessary for the recruitment process, in accordance with the Law on Personal Data Protection of May 10, 2018.
8. A statement that the Applicant meets the requirements under Article 113 of the Act of July 20, 2018. Law on Higher Education (Journal of Laws of 2018, item 1668, as amended).
9. A statement of having full legal capacity.
10. A statement of not being punished by a final court judgment for an intentional crime.
11. A statement of not being punished by a disciplinary penalty of deprivation of the right to practice the profession of academic teacher permanently or for a specified period.
12. A statement on the exercise of full public rights.
13. A statement that the Military University of Technology will be the primary place of work.
14. Information clause for applicants for employment at Military University of Technology.

If you have any questions, please contact PI Anna Klos, e-mail: [anna.klos@wat.edu.pl](mailto:anna.klos@wat.edu.pl), phone: 261-83-93-91