

INSTITUTION: Institute of Hydro-Engineering, Polish Academy of Sciences

LOCATION: Gdańsk, Poland

POSITION: Assistant professor (M/F) at the Department of Wave Mechanics and Structural Dynamics

SCIENTIFIC DISCIPLINE: Civil engineering, geodesy and transport

PLACED ON: 2 July 2026

APPLICATION DEADLINE: 3 August 2026

LINK TO THE WEBSITE: www.ibwpan.gda.pl

KEYWORDS: sea waves, currents, structural dynamics, mathematical modelling, computer programming, machine learning, laboratory and field studies.

The responsibilities of the assistant professor will include scientific and research work in the fields of hydrodynamics, hydro-engineering, as well as participation in projects carried out by the Department of Wave Mechanics and Structural Dynamics. In particular, activity in publishing in renowned international journals and applying for research funding in domestic and international agencies will be required.

Requirements:

- PhD degree in technical sciences, preferably in civil engineering, geodesy and transport discipline;
- knowledge of modelling methods used in hydrodynamics;
- knowledge of experimental methods used in hydrodynamics, experience in conducting experiments in hydraulic laboratory;
- knowledge of commercial software used in scientific and engineering work (e.g. Matlab, Mathematica, Statistica, Fortran, C / C ++, CAD);
- computer programming skills;
- very good command of English;
- interest in problems related to marine environment;

We offer:

- work in a research institute with over seventy years of tradition and experience in conducting studies in water management, hydro-engineering and maritime engineering;
- participation in the realization of national and international projects;
- cooperation with foreign research institutions.

Interested candidates should send their formal applications to sekr@ibwpan.gda.pl.