

At Helmut Schmidt University/University of the Federal Armed Forces Hamburg (HSU/UniBw H), Faculty of Mechanical and Civil Engineering, Chair of Hydromechanics (Univ.-Prof. Dr.-Ing. Ebigbo), a position is available as of the next possible date for a

**Research Assistant
(m/f/d)**
(pay group 13 TVöD; 39 hours per week)

for a limited period of 2 years.

The research focus of the chair and the advertised position is flow and reactive transport in porous and fractured media.

Field of activity:

- Numerical modelling of reactive transport processes in porous and fractured media
- Interdisciplinary cooperation with other chairs at HSU/UniBw H
- Presentation and publication of research results at international conferences and in scientific journals
- Participation in teaching to the extent of in principle 3.0 trimester hours per week
- Possibility of further academic qualification (e.g. doctorate or habilitation)
- Performing general administrative tasks as well as academic activities in academic self-administration

Qualification requirements:

- A university degree [Diplom (univ.) or Master] in civil and environmental engineering, geosciences, physics, mathematics, computer science or another engineering/science field with a focus on fluid flow, completed with very good grades.
- Sound knowledge in the field of flow in porous media
- Experience with numerical modelling of flow and transport e.g. with COMSOL Multiphysics
- Very good written and spoken English

Furthermore desired:

- Programming skills, e.g. in C++ or Python
- Pronounced interest in scientific work

What counts for you:

- Capital-forming benefits
- Special annual payment
- Company pension scheme
- Flexible working hours
- You will benefit from targeted staff development and an extensive range of further training and education opportunities.
- Inexpensive meals in the campus canteen with three meals a day

- You have the opportunity to participate in corporate health measures (for more information, see: www.hsu-hh.de/bgm/).
- Free parking on the campus grounds
- Possibility of using the Bundeswehr's own car-sharing service (for more information, go to: www.bwcarsharing.de)

For information regarding academic questions, please contact Univ.-Prof. Dr.-Ing. Ebigbo, Tel.: 040/6541-3958 or by e-mail: ebigbo@hsu-hh.de.

The employment contract is based on the provisions of the "Tarifvertrag für den öffentlichen Dienst" (TVöD) in conjunction with the "Wissenschaftszeitvertragsgesetz" (WissZeitVG). In principle, the activities correspond to pay group 13. However, the actual classification depends on the fulfilment of the relevant pay-group and personal requirements.

Part-time employment is possible.

Applications from women are expressly welcome. Women will be given preferential consideration in areas in which they are underrepresented, if they have the same aptitude, qualifications and academic performance.

We expressly encourage applications from severely disabled persons. Severely disabled persons and persons of equal status will be given preferential consideration in cases of equal suitability, ability, and academic performance. Only a minimum level of physical aptitude is required of them. With regard to the fulfilment of other requirements in this job announcement, a case-by-case evaluation will be carried out.

For more information about the university and the chair, please visit:

www.hsu-hh.de and www.hsu-hh.de/hmech.

Please send your application with the usual documents exclusively in electronic form (one PDF file), quoting the **reference number BIW-1922**, by **16.01.2023** to:

personaldezernat@hsu-hh.de.

Note:

Information on data protection in the application process can be found on the website www.hsu-hh.de under the heading "University - Career - Data Protection Information".

If you do not provide the reference number, your application cannot be considered and will be deleted immediately for data protection reasons.