

Vacancy

More than half of the world's population lives in cities and that number is growing. Sustainable urban development has to account for climate change, extreme events, reduce CO₂ emissions and provide schemes to ensure the quality of life and well-being of citizens. The project "Urban areas in change – Development of a multi-sector urban development impact model (UrbMod)" intends to create a multi-sectoral model that will combine findings from the social, natural and engineering sciences to identify optimal means for urban development. Focusing on well-being of urban areas, with health being the first target parameter, Hamburg will be used as an example, but the model should be expandable to not only include additional parameters relevant for the well-being of urban areas but also be applicable to other urban areas around the world.

The project is funded by the Hamburg State Research Foundation and will be led by researchers at Universität Hamburg's Center for Earth System Research and Sustainability (CEN) together with scientists from HafenCity University Hamburg, Helmholtz-Center Geesthacht, Max-Planck-Institute for Meteorology, Hamburg University of Technology and University Medical Center Hamburg-Eppendorf.

The Project "Urban areas in change" invites applications for **1 experienced scientist and 5 PhD students** with different disciplinary background (see <http://www.cen.uni-hamburg.de/de/service/jobs.html> for all positions). The current call is for a

research associate (PhD)

(wissenschaftliche Mitarbeiter/in)

with a strong background in urban research (social area analysis, urban vulnerabilities and governance).

The successful applicant will be enrolled in a structured doctoral program at the University Hamburg. The position is part of the urban climate research group of Jürgen Oßenbrügge (For details see <http://www.geo.uni-hamburg.de/de/geographie/forschung/forschungsschwerpunkt-klima/urban-climate.html>)

Responsibilities

The successful candidate will:

- conduct research on topics of urban social vulnerabilities and spatial aspects of urban health governance;
- prepare reports about environmental justice in Hamburg based on conceptual work and an analysis of spatialized indicators of health related vulnerabilities;

- follow a publication strategy leading to a dissertation.

Requirements

- An above-average university degree in a field relevant for the project (e.g., Diploma or M.Sc. in geography, urban planning) is expected.
- A profound knowledge on urban social processes and their driving political, economic and cultural forces is expected.
- Experience with social area analysis and / or urban vulnerabilities is desirable.
- Experience with GIS analysis is advantageous.
- Interest and motivation for interdisciplinary knowledge exchange is required.
- Willingness to participate in regular project meetings and retreats of a few days is a prerequisite for the advertised position.
- Good written and spoken skills in German and English language are expected.

General information

Payment is according to salary group E 13 TV-L/65 %. The position is offered for a maximum of 3 years, starting January 1st, 2015 (see also § 2 of the Academic Fixed-Term Contract Law (Wissenschaftszeitvertragsgesetz)). The position calls for 25 hours per week. The university intends to increase the number of women amongst its academic personnel and expressly encourages qualified women to apply. In compliance with the Hamburg Equal Opportunity Law, preference will be given to qualified female applicants. Application dossiers (cover letter, curriculum vitae, and the names, addresses and telephone numbers of two references) are to be submitted to:

office.clisap@zmaw.de

or to

Universität Hamburg

CliSAP Office

Code/Reference: UrbMod3

Grindelberg 5

20144 Hamburg

The deadline for applications is October 31st, 2014, and will continue until the position is filled. Please do not submit any original copies of your documents; furthermore, your documents will only be returned if you include a self-addressed and stamped envelope with your application.

For additional information please do not hesitate to contact:

Prof. Dr. Jürgen Oßenbrügge (+49 40 42838 4909), ossenbruegge@geowiss.uni-hamburg.de

Dr. Thomas Pohl (+49 (0) 40 42838 4964, pohl@geowiss.uni-hamburg.de)

Preference will be given to disabled applicants with equal qualifications.