

The Academy for Territorial Development in the Leibniz Association - ARL is looking for a
Research Associate (m/f/d, Postdoc)
with a focus on urban ponds

Pay group 13 TV-L, 100% of the regular working hours per week, for 3 years (subject to the provision of funds)

The Academy for Territorial Development in the Leibniz Association - ARL is an autonomous and independent non-university spatial science research institution and a member of the Leibniz Association. It understands itself as a forum and competence center for sustainable spatial development with a focus on the fields of economy, society, ecology, and culture as well as on their interactions. ARL works inter- and transdisciplinary at the interface of science and practice.

The ARL invites applicants for a 3-year postdoctoral position in sustainable planning of urban ponds starting from **01.03.2024**. The postdoc position is part of the Leibniz Collaborative Excellence project "Pollution in urban ponds, eco-evolutionary dynamics and ecosystem resilience" (POUNDER) funded by the Leibniz Association and will be located in Hanover. The overall goal of the POUNDER project is to assess the importance of urban ponds as nature-based solutions to manage climate-related hydrologic risks, while promoting biodiversity and human well-being in cities. POUNDER is an inter- and transdisciplinary project and involves partners from Berlin, Stechlin, Potsdam, Hanover, and the University of Iowa, USA. The Leibniz Institute of Freshwater Ecology and Inland Fisheries (IGB) is responsible for the overall project organization.

This postdoc position aims to create information that can foster sustainable future planning and management of urban ponds through incorporating knowledge from POUNDER collaboration partners on urban pond pollution and ecological and evolutionary adaptation of aquatic organisms. The open postdoc position will focus on developing scenarios and guiding principles for the planning and spatial development of ponds as important blue infrastructures in cities. The project will particularly consider climate change impacts and will engage stakeholders and practitioners to co-create knowledge and develop solutions for sustainable urban development towards water-sensitive, bio-diverse, and healthy cities.

We seek an ambitious scientist who is highly motivated to conduct a 3-year postdoc position joining existing interdisciplinary, international science teams. The research will combine developing guidelines for the sustainable planning and management of ponds in Berlin, and will conduct an intensive communication and coordination process with stakeholders. The successful candidate will be responsible for knowledge transfer in the project and for transdisciplinary approaches, and will, together with the project partners, develop a vision for future planning approaches, which includes the development of scenarios. The main working location will be the ARL office in Hanover, but stays in Berlin with the project partner IGB are also planned.

Your tasks:

- ✓ Development of an inventory of current practices in pond planning and maintenance to assess the challenges and benefits of urban ponds in Berlin
- ✓ Implementation of knowledge transfer in the project context, communication with stakeholders and project partners
- ✓ Development of future scenarios with the project team and stakeholders using a participatory approach
- ✓ Planning and execution of interviews and expert dialogues
- ✓ Co-organization of events in the project context

Your profile:

- ✓ Doctorate in geography, environmental, spatial or urban planning, ecology, sociology, communication sciences, or similar subjects matching the requirements profile.
- ✓ In-depth experience with knowledge of communication platforms and dialogue formats is a bonus
- ✓ Knowledge of scenario development
- ✓ Interest and readiness to collaborate with diverse stakeholders in urban planning and science and to jointly develop solutions for the sustainable management of ponds in urban contexts
- ✓ Interest in organizing events and implementing innovative methods of knowledge transfer in transdisciplinary working contexts
- ✓ Communication within the scientific team and dissemination of scientific results is done in English, hence very good English oral and writing skills are required. Communication with stakeholders and authorities will take place in German, hence feeling comfortable with communicating (speaking and writing) in German is required.

Application documents and deadline:

Please send your application as 1 PDF file containing the following documents

- ✓ Curriculum Vitae with a detailed description of your scientific career and publications
- ✓ Motivation letter
- ✓ Proof of university degree and doctorate as well as other relevant certificates (copies).

to verwaltung@arl-net.de by **18.12.2023**. If you have any questions about the project, please contact Dr. Barbara Warner (barbara.warner@arl-net.de, Tel.: 0511 34842-22).

Please enter your telephone number in the email text so that we can call you to confirm the authenticity of your application.

In principle, there is the possibility of working part-time.

The ARL places particular emphasis on gender equality. Severely disabled applicants will be given preferential consideration if they are equally qualified.

Information on the ARL can be found at <https://www.arl-net.de/>.

Application documents will not be returned at the end of the selection process and will be destroyed in accordance with data protection regulations. The relevant data protection information can be found on our website.

We look forward to receiving your application!