



The Institute of Meteorology and Climatology invites, provided that the funding is finally granted, applications for the position of a

## **Postdoctoral Researcher (m/f/d)** **(Salary scale 13 TV-L, 100%)**

to be appointed the next possible date. The position is limited until 31.08.2022.

### **Scope of work**

- Contribution to the BMBF joint project „Model-based city planning and application in climate change – Phase 2 (MOSAIK-2) funded within the framework „Urban Climate Under Change“, and in which the urban climate model PALM-4U will be further developed
- Further development and application of the Multi-agent system implemented in PALM-4U and its coupling to the traffic flow model MATSim

### **Qualifications**

We search for a motivated and proactive candidate with a master university degree in the fields of Meteorology, Industrial Engineering with specialization in traffic, Traffic Engineering, Information Systems or with similar background. A completed PhD is desirable. We expect excellent knowledge in high-level language programming, desirably with Fortran. Theoretical and working knowledge in multi-agent systems and microscale modeling of atmospheric flows is beneficial. Very good communication skills in English language, both oral and written are desirable.

As an equal opportunities employer, Leibniz Universität Hannover intends to promote women and men in the context of statutory requirements. For this reason suitably qualified women are specifically



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invited to apply. Equally qualified applicants with disabilities will be given preferential treatment.

For further information please contact Dr. Maronga (Phone: +49 (0)511 762-4101;

Email: [maronga@muk.uni-hannover.de](mailto:maronga@muk.uni-hannover.de)).

Please send your application documents (CV, cover letter, certificates) by 30 September 2019 in electronic form (bundled in a single pdf file) to the above-mentioned email or by post to:

**Gottfried Wilhelm Leibniz Universität Hannover**

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