

## Institut für Klimafolgenforschung - Wissenschaft



Klima braucht Köpfe. Das Potsdam-Institut für Klimafolgenforschung e.V. (PIK) untersucht wissenschaftlich und gesellschaftlich relevante Fragestellungen. Es ist eine der weltweit führenden Forschungseinrichtungen auf seinem Gebiet und bietet Natur- und

SozialwissenschaftlerInnen aus aller Welt beste Voraussetzungen für exzellente interdisziplinäre Forschung.

### **Student Research Assistant (m/f/d)**

(Position number: 06-2026 SHK PATHFINDER)

City: Berlin; Starting date (earliest): At the earliest possible; Duration: funded for initially 1 year, with the possibility of extension; Remuneration: Bachelor's degree is 14,59 € hourly (without a Bachelor's degree 13,98 € hourly); Reference number: 06-2026 SHK PATHFINDER; Closing date: 29/03/26

### **Tasks**

Key responsibilities:

- Develop new features for our annotation platform and other tools
- support researchers that use our platform (analysis or project on-boarding)
- develop and maintain 'living' systematic maps (automatically fetch and classify new publications and integrate into our databases)
- integrate living synthesis pipelines into human-in-the-loop processes (e.g. Cochrane crowd or NACSOS)
- evaluate and develop automation tools for information extraction
- help us to unlock multi-lingual evidence synthesis
- improve our interactive climateliterature.org platform
- enhance our local database snapshot of OpenAlex with >480M records
- drive your own ideas that accelerate the evidence synthesis process

### **Requirements**

You are a Bachelor or Master student, enrolled at a German university, and ideally meet the following requirements:

We do not expect you to fulfil all requirements!

- background in computer science, open-source projects, digital engineering, data science or related fields
- good software design skills and experience in building and maintaining data processing pipelines and REST-based systems
- web-based front-end development (esp. typescript, vuejs, WebGL)
- experience (theory & practice) with relational databases (esp. PostgreSQL)

- strong interest (ideally experience) in information retrieval, data integration, machine learning/AI, LLMs, knowledge graphs
- excited to use vector databases, e.g. integrating deepset haystack for RAG
- interested in experimenting with solr, postgres, vector stores, graph data-bases, knowledge graphs, huggingface
- interest in data science, clustering, topic models, classification, entity extraction and linking, high-performance compute cluster with high-end GPUs

We will jointly choose tasks based on your expertise and interests. Most important is a strong interest in scientific methods, a solid knowledge foundation (e.g. studying computer science, open source projects) and eagerness to learn. Applicants should reference prior programming experience, ideally linked to specific projects.

### **What we offer**

We offer:

- chance to be part of an engaged, interdisciplinary team
- insights into a solution-oriented research project with several international partners and with immediate policy relevance
- opportunity to tackle challenges of climate change and our common future
- flexi-time and mobile working (up to 50% of your hours)
- collective pay scheme, benefits, subsidized travel card / Deutschland-Ticket Job
- possibility to write an exciting master's thesis under our co-supervision closely related to your work in the field of web science

### **Application**

Please apply by 29.03.2026 directly via our application form below this job advertisement on our website. The application process remains open until the position is filled.

More information at <https://stellenticket.de/201981/TUB/>  
Offer visible until 28/03/26

