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## T53-2024 - Research Assistant/ PhD Student (all genders): The sustainability gap and its communication



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UNIVERSITÄT  
DARMSTADT

📍 Darmstadt 🕒 100% 📅 Temporary (1,5 years)

Pay group 13 TV TU Darmstadt, immediately

### **About TU Darmstadt**

TU Darmstadt stands for excellent and relevant science. We are playing a decisive role in shaping the far-reaching processes of global change—from the energy transition to artificial intelligence—through outstanding scientific knowledge and innovative academic programmes. We group our cutting-edge research into three fields: Energy and Environment, Information and Intelligence, Matter and Materials. We are a university with strong ties to the Frankfurt Rhine-Main metropolitan region and a very strong international focus. We are committed to European values and European integration.

### **About our department**

The ceramics group at TU Darmstadt supports the required socio-ecological transformation towards a sustainable society, gives talks to audience in several countries, writes publications in scientific journals (<https://link.springer.com/article/10.1007/s10853-023-09031-z>) and was one of the founders of the alliance of societies for a sustainable future <https://sfs-alliance.org/home>. We are now looking to hire a highly motivated scientist from the areas of sustainability research, sociology or related. The project is funded by DFG to establish interaction with international scientific societies and connect efforts of the alliance with efforts of our research group.

### **Your tasks**

The project includes condensed literature extraction to planetary boundaries, potential barriers, which exist towards a transformation, activities in a number of key countries and possible visions for a sustainable future. As part of the contributions to the alliance, recommendations to sustainability in teaching and sustainability in laboratories as well as rather sustainable conferences need to be chosen in collaboration with international teams. Also, several modules for presentations and publications in separate aspects of the sustainability crisis need to be designed for international outreach, in interdisciplinary collaboration with other societies.

The advertised position offers the opportunity for scientific qualification by publishing in refereed journals and collaborating with highly renowned international scientists. It is viewed as a stepping zone into research management in academia (national labs, universities, academies, etc.).

### **Your profile**

Essential requirements:

- Excellent University Science Degree (M.Sc./Diploma or PhD) in sustainability or related social science
- Strong drive to aid the required socio-ecological transition on an international scheme
- Strong interest in communication with scientists and societies, in particular in Asia and Africa
- Very good knowledge in speaking and writing in English.

Fachbereich Material- und  
Geowissenschaften

FG Nichtmetallisch-  
Anorganische Werkstoffe



Prof. Dr. Jürgen Rödel

Peter-Grünberg-Str. 2  
64287 Darmstadt

Tel. +49 6151 16-21693  
Fax +49 6151 16-21690  
[roedel@ceramics.tu-darmstadt.de](mailto:roedel@ceramics.tu-darmstadt.de)

Datum: 12.06.2024

Unser Zeichen  
NAW/T53/2024

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Desired skills:

Strong academic background in one or more of the following subjects:  
climate research, environmental research, sociology, philosophy, etc.  
Publications in peer-reviewed journals, excellent communication skills.



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Applications should include a detailed curriculum vitae, including a list of subjects studied in the Master's programme, including grades obtained and a list of publications (if any) in peer-reviewed journals.

### **We offer**

Technical University of Darmstadt offers varied and challenging assignments, freedom to work independently, the latest technologies, good collaboration between colleagues in partnership, needs-based training opportunities and customised personnel development.

The fulfillment of the duties likewise enables the scientific qualifications of the candidate.

- Development and organisation – comprehensive in-house training offers, including the opportunity for continuing education and development;
- Annual leave/educational leave – 30 days annual leave (full-time employment) and 5 days educational leave;
- Sustainable and mobile – eligibility to free public transport in the state of Hesse with the LandesTicket Hessen (Hesse StateTicket) in accordance with the currently valid collective agreement, in addition to opportunities to working mobile at times;
- Fit and healthy – free of charge preventive medical check-ups and a wide-ranging subsidised sports programme
- Work-life balance – flexible working time models, plus BGM (*Betriebliches Gesundheitsmanagement* – University Health Management);
- Pension scheme – supplementary public service pension scheme (VBL) in accordance with the currently applicable regulations;
- University bicycle
- Family-friendliness/compatibility of family/care/career – (university-run) childcare services, child allowance (based on the collective agreement), childcare programmes during school holidays

### **General information, data privacy**

TU Darmstadt intends to increase the number of female employees and encourages female candidates to apply. In case of equal qualifications, applicants with a degree of disability of at least 50 or equal will be given preference. Remuneration is in accordance with the collective agreement for the Technical University of Darmstadt (TV - TU Darmstadt). Part-time employment is generally possible.

By submitting your application, you agree that your data may be stored and processed for the purpose of filling the vacancy. You can find our privacy policy on our webpage.

### **Contact**

If you have any questions about this position, please contact Prof. Dr.-Ing. Jürgen Rödel on [roedel@ceramics.tu-darmstadt.de](mailto:roedel@ceramics.tu-darmstadt.de).

Published on 6/11/2024

Application deadline **07/09/2024**

**Apply now**

**(<https://www.career.tu-darmstadt.de/HPv3.ApplicationForm/Application/Start/37472>)**