

The Max Planck Institute for Biogeochemistry in Jena is an internationally renowned research institution with currently about 220 employees and is dedicated to basic research in the field of Earth system sciences with a focus on climate and ecosystems. We invite applications for a position starting July 1<sup>st</sup>, 2020 of a

## **Postdoc (m/f/d)**

(Full time, 3 years limited)

### **Your Background:**

The successful candidate will join the “Biospheric Theory and Modelling” (BTM) group of Axel Kleidon. You will work on advancing the application of thermodynamics and optimality principles to Earth system science. The particular topic is flexible and open to your ideas and interests. Applications to land-atmosphere interactions, ecosystems or hydrology will be preferred.

### **Your Tasks:**

- A PhD in atmospheric science, environmental science or a related field.
- Interested and motivated in advancing a novel, thermodynamic systems perspective to understanding and predicting Earth systems by relatively simple means.
- Experience in analysing large observational environmental data at site to global scale and/or performing model simulations with state-of-the-art land, ecosystem, or Earth system models.
- Computational experience with UNIX, R, Python or similar programming languages.
- High level of motivation, flexibility, reliability and personal responsibility.

### **Our offer:**

The position is planned to start July 1<sup>st</sup>, 2020 and will be filled when a suitable candidate has been identified. The position is planned for 3 years. Remuneration is based on qualifications and professional experience according to the TVöD (federal government). In addition, social benefits are granted according to the regulations for the public service.

The Max Planck Society strives for gender and diversity equality. Furthermore, the Max Planck Society wants to increase the proportion of women in those areas in which they are underrepresented. Women are therefore expressly encouraged to apply. We welcome applications from all backgrounds. The Max Planck Society has set itself the goal of employing more severely disabled people. Applications from severely disabled persons are expressly welcome.

**Your Application:**

Please send your complete application documents by **April 30<sup>th</sup>, 2020** to

Max-Planck-Institut für Biogeochemie  
Herr Dr. Axel Kleidon  
Kennwort: Postdoc  
Hans-Knöll-Straße 10  
D-07745 Jena  
Germany

or by e-mail as a coherent PDF file to [akleidon@bgc-jena.mpg.de](mailto:akleidon@bgc-jena.mpg.de).

The examination of applications will begin on May 1<sup>st</sup>, 2020 and will continue until the position is filled.

**Further Information:**

Your application should include:

- A motivation letter stating your research experiences, your motivation to apply for the position and your ideas on potential research topics;
- A detailed curriculum vita including your publication list;
- The names, affiliations, and contact details of two referees.

For further information on the position, please contact Dr. Axel Kleidon ([akleidon@bgc-jena.mpg.de](mailto:akleidon@bgc-jena.mpg.de); <http://gaia.mpg.de>).

We are looking forward to your application!