

The Max Planck Institute for Biogeochemistry (MPI-BGC) in Jena is dedicated to interdisciplinary fundamental research in the field of Earth system sciences with a focus on climate and ecosystems. The internationally renowned institute, which currently employs around 230 people, will celebrate its 25th anniversary in 2022. Jena is known for high-tech industry, internationally renowned research institutions and a modern university, but it also has a beautiful natural setting in the green Saale valley with steep limestone slopes. The city of Jena has an active student scene and a diverse cultural life. The Department of Biogeochemical Integration has an open position as

Research Group Leader (m/f/d)

(5 years, fulltime, possible extension)

Background and position description:

We are searching for a research group leader to continue and re-design the successful research group Biosphere-Atmosphere Interactions and Experimentation.

The group leader is expected to develop a research program based on eddy covariance flux and complementary data (e.g. lysimeters, sap-flow, isotopes, proximal and remote sensing), with the goal to better understand local to global interactions between climate and ecosystem function, supported by institutional and to-be-acquired third-party funds.

Your tasks:

- lead a research group of PhD's and Postdoc's
- interpret eddy covariance flux and accompanying ecological and biometric data
- develop a research program based on eddy covariance flux and complementary data
- publish in international peer-reviewed journals
- collaborate with a team of research group leaders and take on responsibility within the department

Your Profile:

- experienced in scientific interpretation and analysis of observations complementary to eddy covariance data (e.g. isotopes, proximal and remote sensing, sap-flow, lysimeters)
- experienced with or convincing motivation to enter a leadership position
- familiar with modelling, model-data-fusion and machine learning
- excellent quantitative skills (e.g. data analysis, modelling)
- strong programming skills in a modern data science language
- proven record of scientific publications in international peer-reviewed journals
- PhD or equivalent
- collaborative team player

Our offer:

We offer a challenging and high responsibility position in an attractive, international and modern environment, in which you will be working closely with experienced group leaders in a collaborative setting. Part-time work is generally possible. The position will be evaluated and graded following the collective agreement according to TVöD Bund; in addition, we will provide a pension plan based on the public service (VBL).

The Max Planck Society (MPS) strives for gender equality and diversity. The MPS aims to increase the proportion of women in areas where they are underrepresented. Women are therefore explicitly encouraged to apply. We welcome applications from all fields. The Max Planck Society has set itself the goal of employing more severely disabled people. Applications from severely disabled persons are expressly encouraged.

Your application:

Are you interested? Please send us your application with cover letter, curriculum vitae as well as names and contact information of two references summarised in a PDF file (max. 10 MB) by e-mail to bewerbung@bgc-jena.mpg.de or to the

Max-Planck-Institut für Biogeochemie
Personalbüro: Kennwort "BAIE_Research Group Leader"
Hans-Knöll-Straße 10
07745 Jena

by **November 30, 2021** quoting the reference number "**29/2021**". We kindly ask you not to submit copies of your application documents only, as your documents will be destroyed in accordance with data protection regulations after completion of the application procedure. Further inquiries can be addressed to Markus Reichstein at reichstein-office@bgc-jena.mpg.de.

Job interviews will be scheduled between December 15 – 22,2021.

We look forward to receiving your application!