



International Max Planck Research School for Global Biogeochemical Cycles

In cooperation with the Friedrich Schiller University Jena, the Max Planck Institute for Biogeochemistry houses a unique and flexible research program that grants German and foreign students a broad selection of learning opportunities while still maintaining a research focus.

The IMPRS-gBGC offers a PhD program specializing in global biogeochemistry and related Earth System sciences. The overall research and teaching focuses on:

- Improved understanding of biogeochemical processes with an emphasis on terrestrial ecosystems
- Development of observational techniques to monitor and assess biogeochemical feedbacks in the earth system
- Theory and model development for improving the representation of biogeochemical processes in comprehensive earth system models

Scientific key words

Environmental science, earth science, ecosystem, soil, atmosphere, ocean, biosphere, vegetation, paleoclimate, hydrosphere, ecology, physics, computer science, mathematics, biology, geography, geology, hydrology, geochemistry, forestry, agriculture, remote sensing, programming, modeling, statistics, scientific computing

Participating Institutions

Max Planck Institute for Biogeochemistry and Max Planck Society, Friedrich Schiller University Jena: Faculty of Chemistry and Earth Sciences, Faculty of Biological Sciences, Faculty of Mathematics and Computer Science

Preferred language

English

Current number of doctoral candidates

65

How can I become a doctoral candidate? What is the method of selection?

1. Online registration & submission of application documents (if there is a call for applications)
2. (Possibly) Phone or video conference interview
3. (Possibly) Recruitment event in Jena

Are there fixed dates to apply?

Twice a year.

Are there possibilities to be funded in this programme?

Yes, funding is offered for 3 years.

Interesting for graduates of the following subjects:

Master of Science in Biology, Geo-ecology, Earth sciences, Geography, Geology, Hydrology, Geochemistry, Geoinformatics, Forestry, Soil sciences, Agriculture, Physics, Computer science, Mathematics and other disciplines related to Environmental sciences

Prospective degree

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Contact

Coordinator: Steffi Rothhardt
MPI for Biogeochemistry
Hans-Knöll-Str. 10
07745 Jena
Germany
phone: +49 3641 576260
E-mail: imprs-gbgc@bgc-jena.mpg.de
Internet: <http://www.imprs-gbgc.de>