

Join the NFDI4Earth Academy!

1st Cohort call opens July 06, 2022 - Submission Deadline: September 30, 2022

Do you already work - or do you want to work at the interface of Earth System and Data Science?

Are you interested in interdisciplinary research and wish to network with other early career scientists for this purpose?

Are you a doctoral or postdoctoral researcher at a German university or non-university research institution?

...THEN BECOME A NFDI4EARTH ACADEMY FELLOW!

As an Academy Fellow, you will benefit from tailored training courses (e.g., summer schools, workshops, and seminars designed by peers and organized by the Academy coordination team), networking beyond institutional boundaries and events to foster interdisciplinary research & projects. Furthermore, fellows and their projects will have a high visibility within and will enjoy support from the NFDI4Earth community. They will have the opportunity to participate in a broad range of external training offers, such as the Helmholtz Academy for Information and Data Science (HIDA) or DataTrain (University Bremen Research Alliance).

With the two-year Academy program, we offer an open science and learning environment. Academy Fellows can advance their current research projects by exploring and integrating new methods and connecting with like-minded scientists in an agile, bottom-up, and peer-mentored community. Using the established structures of our three research networks (Geo.X, DAM and Geoverbund ABC/J), our program combines various virtual, hybrid and in-person events.

We invite all early career scientists in the German Earth System and Data Sciences community to join us. To create a cross-linking Academy culture, a willingness to travel within Germany is necessary.

To apply, please send a short description of your current research project and how you plan to combine Earth System Sciences and Data Sciences. Research questions can arise from all fields of the Earth System Sciences, see also [DFG classification](#). Data science methods may include but are not limited to multi-level modeling, machine and deep learning, neural networks, statistical data analysis and modeling, big data, data integration, heterogeneous data sources, or data visualization.

Ph.D. candidates should have geosciences, mathematics, computer sciences or similar skills, proven by an M.Sc. degree or equivalent. An apparent affinity for data-driven and interdisciplinary research is highly welcome.

Postdoctoral researchers ideally have interdisciplinary experience (e.g., proven by previous projects) and pursue an independent research program.

Our website <https://www.nfdi4earth.de/2participate/academy> provides more information on

- the Academy program,
- the framework of this call,
- candidates' requirements and the online application procedure.

Please read this information carefully. You can also find frequently asked questions (FAQs) on the website. In addition, we will be happy to answer your questions personally: e.drews@fz-juelich.de or jonas.kuppler@gfz-potsdam.de.

Successful applicants will receive their Academy admission not later than October 25th, 2022. The anticipated start of the Academy will be on November 1st 2022. We plan a two-day in-person Kick-off Meeting at the end of November, depending on the pandemic situation.