



## Potsdam Institute for Climate Impact Research (PIK) e.V.

### Open Source and Open Data Policy

PIK supports the goals of the Berlin Declaration on “Open Access to Knowledge in the Sciences and Humanities”

Our mission of disseminating knowledge is only half complete if the information is not made widely and readily available to society. New possibilities of knowledge dissemination not only through the classical form but also and increasingly through the open access paradigm via the Internet have to be supported. We define open access as a comprehensive source of human knowledge and cultural heritage that has been approved by the scientific community.

In order to realize the vision of a global and accessible representation of knowledge, the future Web has to be sustainable, interactive, and transparent. Content and software tools must be openly accessible and compatible.

(<https://openaccess.mpg.de/Berliner-Erklaerung>)

### Open Source

To further transparency, collaboration and code re-use PIK supports the publication of Open Source software developed at the institute, such as

- software tools,
- model code,
- contributions to existing Open Source projects that build the foundations for science.

Employees are thus free to publish software created as part of their research under an Open Source license (see e.g. <https://opensource.org/licenses>) given that the following **requirements** are fulfilled:

- **process knowledge:** Authors have read and understood the PIK Open Source guidelines.
- **compatible licenses:** If third party software or libraries are used, the chosen software licenses are compatible with each other.
- **agreement of contributors:** All contributors agree to publication and to the chosen license. If people from other institutions contribute they have the right to do so.
- **no conflicting requirements:** There are no conflicting requirements, e.g. in knowledge & technology transfer projects, that might prevent open publication, or by agreement within research groups.
- **affiliation:** The affiliation to PIK is marked at a suitable location.



Publication of Open Source software is recommended as supplements to journal publications, model descriptions or in specialised software journals. Code should be archived in suitable repositories (see the guidelines for current recommendations).

## Open Data

PIK supports the publication of Open Data, for example through the

- publication of output from models,
- publication of collected data,
- publication of combined datasets.

Employees are free to publish data created as part of their research under a suitable Open Data license if the following **requirements** are fulfilled:

- **process knowledge:** Authors have read and understood the PIK Open Data guidelines.
- **agreement of contributors:** All authors and rights holders agree to the publication and chosen license.
- **compatible licenses:** In case of re-use of or combination with other data, license compatibility is ensured.
- **data protection:** Protection of personal data is ensured and verified with the Data Protection Officer at PIK.
- **ethics committee approval:** If needed, an ethics committee has given its approval.
- **no conflicting requirements:** There are no conflicting requirements, e.g. in commercial funding proposals, that might prevent open publication.

## Detailed Guidelines and Recommendations

See the detailed Open Source and Open Data Guidelines at the PIK Open Science web pages (<https://www.pik-potsdam.de/openscience/>) for recommendations on publication process, suitable software and data repositories, licence choices, as well as contact information for further questions.