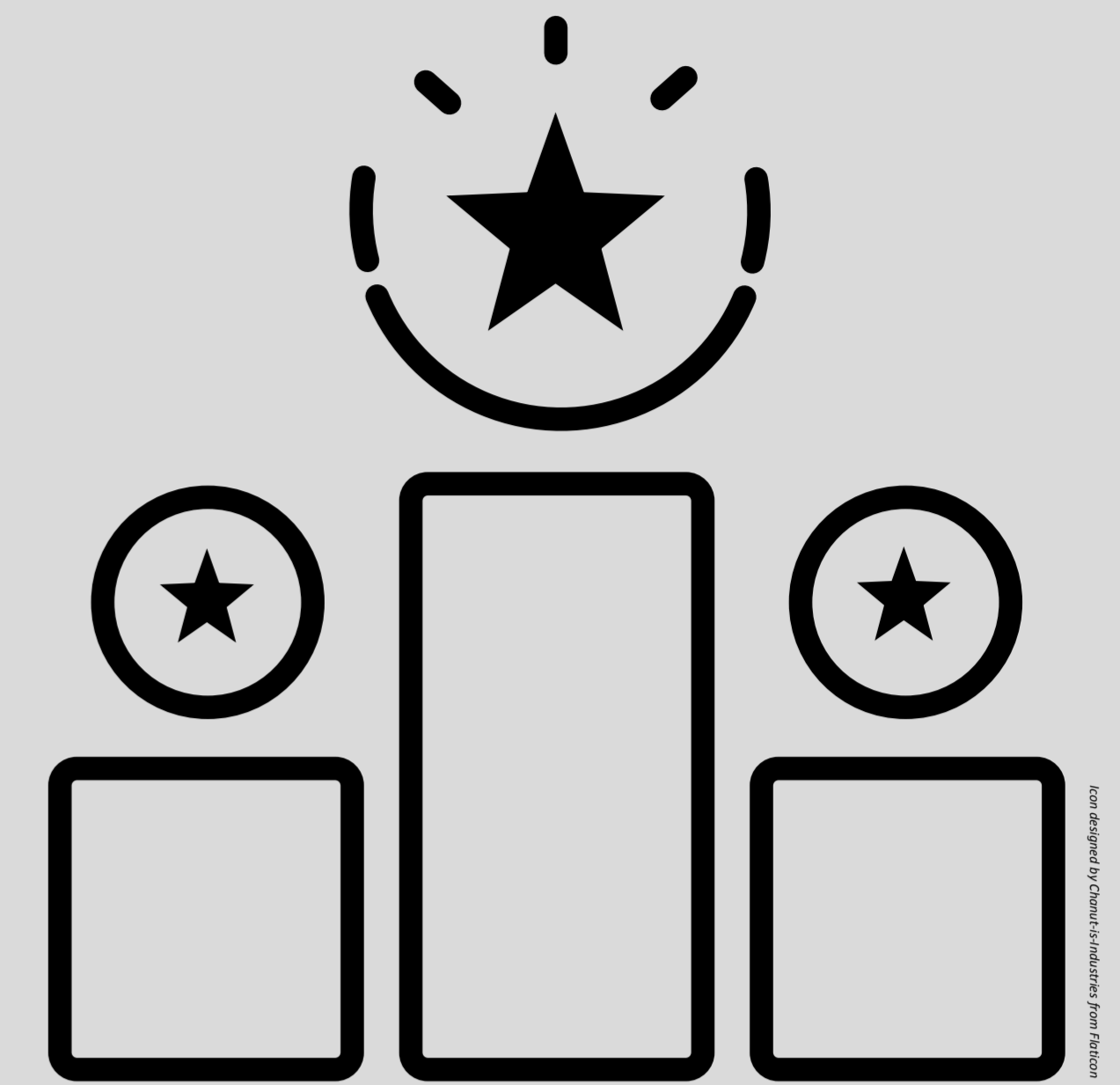


How to publish Open Access in the earth sciences

Andreas Hübner¹ & Britta Nölte²

Advantages

- Greater citation rate
- Wider recognition among peers
- Independent verification and qualification of research findings is possible
- Data can be reused for similar and new purposes
- Data can be integrated with other data to create new data resources



Genuine open-access-journals

- Publish your scientific article in a journal that is genuine open access.
- Find trustworthy open-access-journals by asking colleagues, contacting your library or referring to the Directory of Open Access Journals DOAJ.
- If in doubt about the quality of a journal, use the simple approach of ThinkCheckSubmit.
- If article processing charges are to be paid, contact your library to get advice on funding or institutional memberships.

Deposit in open-access-repositories

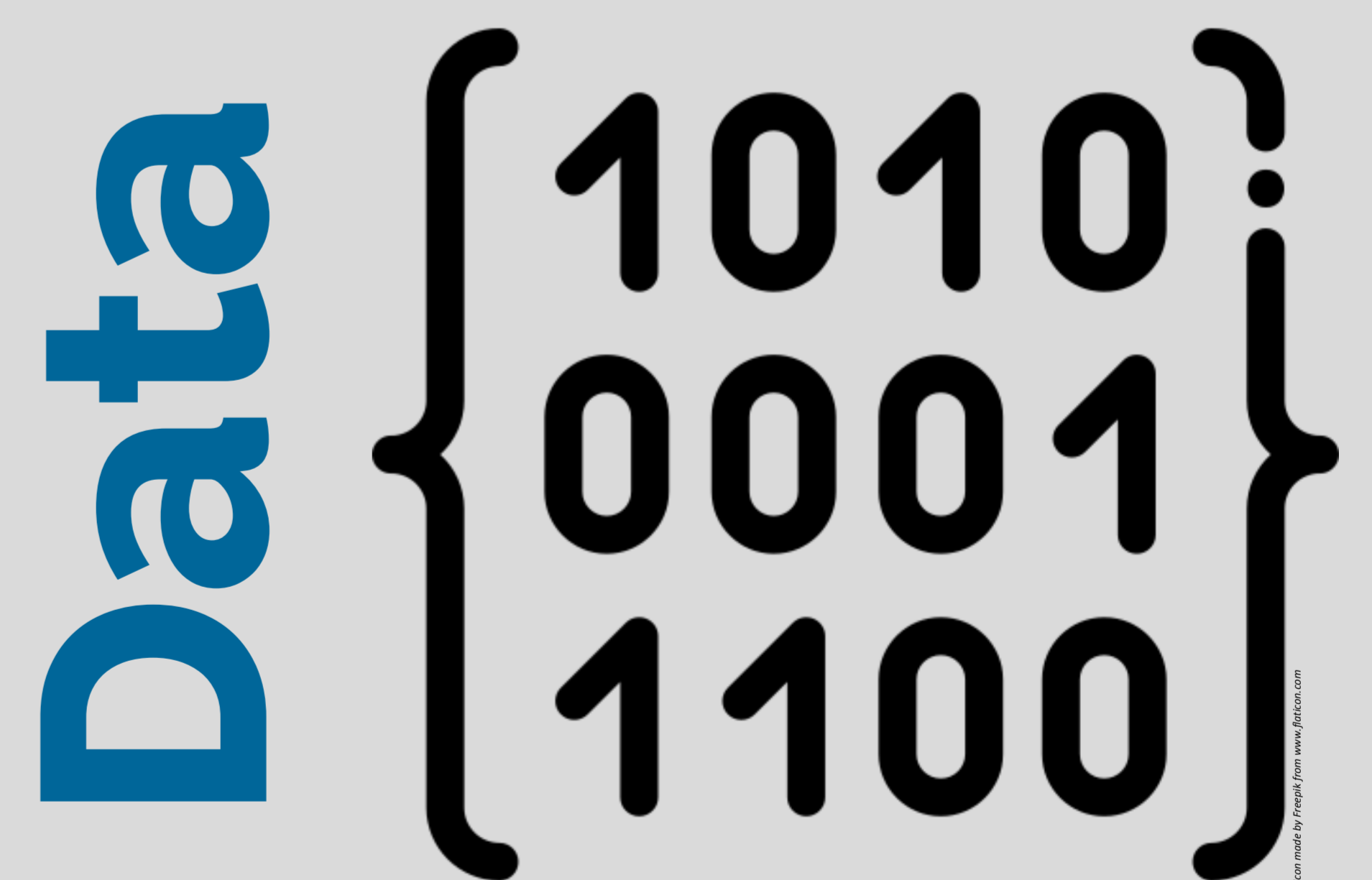
- Check SHERPA/RoMEO for your publisher' policies. If needed, get advice from your library on embargo periods and manuscript versions.
- Inquire at your library about the repository at your institution and how to upload content or find a suitable disciplinary repository via OpenDOAR.

“Science [...] can only function properly if research results are made openly available to the community ...”

CoalitionS. <https://www.coalition-s.org/why-plan-s/>

Publish in a data repository

- Find trustworthy data repositories with re3data.org or „Repository Finder“.
- Provide all details necessary to understand your data set: a comprehensive description is important for reviewers (in case data relate to a journal article) and for fellow scientists (that might re-use the data).
- Data description may be in form of an article in a data journal , e.g. Earth Science System Data ESSD.



“...data should, to the greatest extent possible, be shared, open, and stored in community-approved FAIR-aligned repositories. ”

Enabling FAIR Data Project. <http://www.copdess.org/enabling-fair-data-project/>

- Consider open access as the default option. However, embargo periods can be arranged with virtually all repositories.
- DFG-funded FID GEO is specialised in supporting FAIR data publication in the earth and environmental sciences. We also publish your data in collaboration with the German Research Centre for Geosciences GFZ. Contact us at info@fid-geo.de.