

Data management report details: Long-term storage details

IPBES data management reports

IPBES Data Management Tutorials

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Ensuring long term preservation and physical storage

- Support to policy, to be effective, requires not only foundations based on **free and accessible** data, but also that a **long-term preservation** plan is in place
- Long-term preservation means access to a substantial infrastructure for **storing and maintaining** data

Practical solutions e.g. Zenodo

- **Zenodo** (www.zenodo.org) is a general-purpose open-access repository, free to access and for storage
- It allows researchers to **deposit data sets**, research **software**, reports, and any other research related digital artifacts and obtain a DOI
- A DOI is a **unique persistent digital object identifier** which makes the stored items easily trackable and citable

Practical solutions e.g. Zenodo

- Datasets can be easily updated with Zenodo's **versioning** feature
- Current limit is **50 GB** per single dataset (but no limit in numbers)
- Zenodo is operated by the **CERN** (<https://home.cern/>) which is committed to maintain the Data Centre for as long as CERN exists

Practical solutions e.g. Zenodo

- Zenodo is **not the only solution** but it is the largest platform (and therefore probably the most stable in time)

Zenodo.org

The screenshot shows the Zenodo.org homepage. At the top is a blue navigation bar with the Zenodo logo, a 'Help' link, and links for 'About', 'Blog', 'Help', and 'Inventories'. Below the navigation bar is a search bar and a 'Features' link. The main content area is titled 'Introducing Zenodo!' and features six key benefits in a grid layout:

- (All) Research. Shared.** — your one stop research shop! — all research outputs from across all fields of research are welcome! Zenodo accepts any file format as well as both positive and negative results. We choose to promote peer-reviewed openly accessible research, and we curate the uploads posted on the front page.
- Citeable. Discoverable.** — be found! — Zenodo assigns all publicly available uploads a Digital Object Identifier (DOI) to make the upload easily and uniquely citeable. Zenodo further supports harvesting of all content via the OAI-PMH protocol.
- Communities** — create your own repository — Zenodo allows you to create your own collection and accept or reject uploads submitted to it. Creating a space for your next workshop or project has never been easier. Plus, everything is citeable and discoverable!
- Safe** — more than just a drop box! — Your research output is stored safely for the future in same cloud infrastructure as research data from CERN's Large Hadron Collider and using CERN's battle-tested repository software Invenio, which is used by some of the world's largest repositories such as INSPIRE-HEP and CERN Document Server.
- Reporting** — tell your funding agency! — Zenodo is integrated into reporting lines for research funded by the European Commission via OpenAIRE. Just upload your research to Zenodo, and we will take care of the reporting for you. We plan to expand this feature with further funding agencies in the future, so stay tuned!
- Flexible Licensing** — not everything is under Creative Commons — Zenodo encourages you to share your research as openly as possible to maximize use and re-use of your research results. However, we also acknowledge that one size does not fit all. Therefore, we allow for uploading under a variety of different licenses and access levels*. *You are responsible for respecting applicable copyright and license conditions for the files you upload.

At the bottom, there is a blue footer bar with navigation links for 'About', 'Blog', 'Help', 'Developers', 'Contribute', and 'Funded by'. The 'Funded by' section includes logos for Zenodo, OpenAIRE, and the European Union. The footer also contains links for 'Status', 'Privacy policy', 'Terms of Use', and 'Support', and a note: 'Powered by CERN Data Centre & Invenio'.

Practical solutions e.g. Zenodo

- Example

zenodo Search Upload Communities Log in Sign up

January 24, 2020 Data management plan Open Access

IPBES Data Management Policy

Intergovernmental Science-Policy Platform on Biodiversity and Ecosystem Services

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The policy comes into effect immediately upon approval by the MEP and Bureau at their 14th meetings in January 2020.

To get the latest version of the policy visit <http://dx.doi.org/10.5281/zenodo.3551079>

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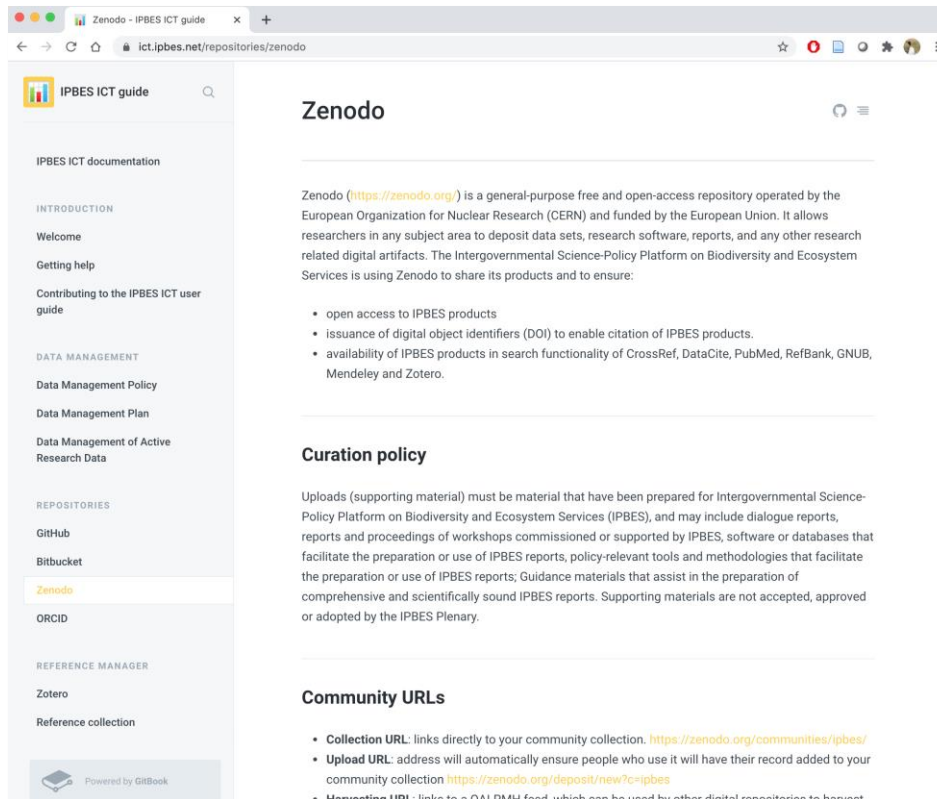
Versioning

Preview

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Zenodo & IPBES

- More at <https://ict.ipbes.net/repositories/zenodo>



The screenshot shows a web browser window displaying the Zenodo page on the IPBES ICT guide website. The browser's address bar shows the URL ict.ipbes.net/repositories/zenodo. The page title is "Zenodo". The left sidebar contains a navigation menu with sections: "IPBES ICT documentation", "INTRODUCTION" (with sub-items: Welcome, Getting help, Contributing to the IPBES ICT user guide), "DATA MANAGEMENT" (with sub-items: Data Management Policy, Data Management Plan, Data Management of Active Research Data), "REPOSITORIES" (with sub-items: GitHub, Bitbucket, Zenodo, ORCID), and "REFERENCE MANAGER" (with sub-items: Zotero, Reference collection). The main content area is titled "Zenodo" and contains the following text: "Zenodo (<https://zenodo.org>) is a general-purpose free and open-access repository operated by the European Organization for Nuclear Research (CERN) and funded by the European Union. It allows researchers in any subject area to deposit data sets, research software, reports, and any other research related digital artifacts. The Intergovernmental Science-Policy Platform on Biodiversity and Ecosystem Services is using Zenodo to share its products and to ensure:

- open access to IPBES products
- issuance of digital object identifiers (DOI) to enable citation of IPBES products.
- availability of IPBES products in search functionality of CrossRef, DataCite, PubMed, RefBank, GNUMB, Mendeley and Zotero.

Below this is a section titled "Curation policy" with the text: "Uploads (supporting material) must be material that have been prepared for Intergovernmental Science-Policy Platform on Biodiversity and Ecosystem Services (IPBES), and may include dialogue reports, reports and proceedings of workshops commissioned or supported by IPBES, software or databases that facilitate the preparation or use of IPBES reports, policy-relevant tools and methodologies that facilitate the preparation or use of IPBES reports; Guidance materials that assist in the preparation of comprehensive and scientifically sound IPBES reports. Supporting materials are not accepted, approved or adopted by the IPBES Plenary."

At the bottom of the main content area is a section titled "Community URLs" with the following list:

- **Collection URL:** links directly to your community collection. <https://zenodo.org/communities/ipbes/>
- **Upload URL:** address will automatically ensure people who use it will have their record added to your community collection <https://zenodo.org/deposit/new?c=ipbes>
- **Harvesting IRI:** links to a OAI-PMH feed, which can be used by other digital repositories to harvest

The footer of the page shows "Powered by GitHub".

Thank you!

Data management report details: Data sharing and access consideration

IPBES data management reports

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