

Data Publication



Data Publication

is a means of sharing (biodiversity) data, making it freely and openly available via the internet for scientists, researchers, authorities and the general public.

The [Antarctic Treaty](#) recognizes the need to share scientific information amongst the SCAR community and beyond. The SCAR/IPY Data Policies specifically address how and when your data should be published.

But above all, it is our collective responsibility to build a comprehensive, undisputable picture of all the components of Antarctic ecosystems, how they function and how they interrelate. This approach helps building a strong benchmark to answer core scientific questions and setup data-driven conservation actions.

Finally, opening up your data to the rest of the community can bring up unexpected collaborations.

The [Integrated Publishing Toolkit \(IPT\)](#) is an on-line tool provided by the Global Biodiversity Information Facility (GBIF). It allows the users to standardize, document and share their primary biodiversity data using a simple web interface. One of the most promising IPT features, is the possibility to generate a manuscript. As a user, once you have standardized and shared your data, you can use the IPT to automatically generate a Data Paper, which in turn can be submitted to a series of journals accepting them, such as Zookeys, Phytokeys, Biorisk, Neobiota, from Pensoft publishers. Your paper then goes through a classic peer-review process, and once accepted is published, citable and receives a DOI (direct object identifier).

If you would like to publish your data, please contact the us, and we will grant you a login/password for our IPT instance. We are there to assist you in the process of publishing your data and valorizing it, so please don't hesitate to contact us, even for smaller datasets.

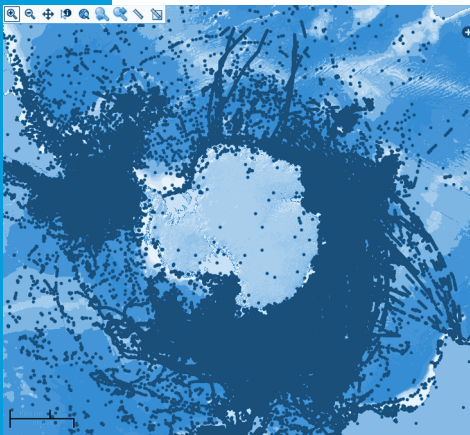
Contact

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Logo Name	Organisation	Type	Subtype	Records	Last modified	Last publication
Archives from the ANDEEP3 expedition	Not registered	Other	---	0	2012-05-11	2012-05-11
Antarctic Starfish (Schizodermata, asteroides) from the ANDEEP3 expedition	Not registered	Occurrence Specimen	0	0	2012-04-17	2012-03-13
Antarctic Peninsula Benthic Invertebrates: 16S rDNA gene surveys and metagenomes from Winter 2002 and Summer 2003	Not registered	Other	---	0	2012-05-11	2012-05-11
Antarctic Sub-Antarctic and cold temperate echinoid databases	Antarctic Biodiversity Information Facility (ANTABIF)	Occurrence Specimen	6,160	0	2012-05-30	2012-03-26



Data Discovery



DATA.BIODIVERSITY.AQ

BIODIVERSITY.AQ

is a cloud of interoperable information systems, dedicated to offer free and open access to primary Antarctic biodiversity data, for science, conservation and management purposes. Data that is published through the IPT can be discovered through global biodiversity portals such as OBIS, GBIF, GEO-BON, EoL, enhancing the visibility of the research. However there is also a dedicated Antarctic biodiversity data portal: data.biodiversity.aq.

This portal builds onto SCAR-Marbin, which offers access to [marine primary biodiversity](#) data for the Southern Ocean, by extending the data access to include [terrestrial biodiversity](#) from the EBA antarctic biodiversity database as well. Besides primary biodiversity data, you will be able to find metadata (information about datasets) as well as taxonomic and biogeographic data that you can visualize and download for free.

Users can explore occurrence data through the online mapping system, which in the future will also include various environmental layers. Data can be downloaded free of charge under common dataformats such as .xls and .txt but also as datalayers for Geographical Information Systems (GIS). We're working on incorporating more data types, such as genetic and microbial resources, gazetteers, environmental data. We'll also be offering code, scripts, and many other tools.

WWW | DATA | AFG | IPT | BIODIVERSITY.AQ



We can also help you manage, standardize, publish and safeguard your own data, using universal standards.

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