

GFBio Data submission service

Archive and publish your
heterogenous data



GFBio Data Submission and Brokerage Service



Data Submissions

Long-term data archival & publication services
for Biodiversity, Ecology & Environmental
Science

SUBMIT YOUR DATA !

Already using our service ? [Sign In](#)

<https://submissions.gfbio.org/>

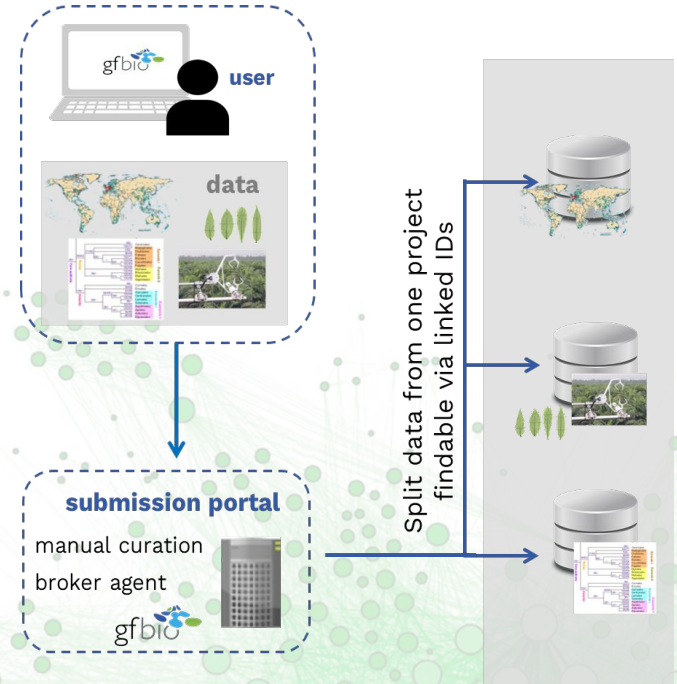
The Data Submission Service

A single drop-off point for heterogeneous data

Who we are: A **team of curators** working in the NFDI4Biodiversity related data centers.











What we do: **Support, curation of datasets, submission of metadata, brokering of data, archiving and publishing of data, interlinking of related data sets**

Who we help: Researchers, students, teams and institutions who want to publish their data



GFBio Data Centers at NFDI4Biodiversity

Long-term preservation and publication of biodiversity related data

<p>ENA</p>  <p>European Nucleotide Archive</p> <p>Nucleotid sequences</p>	<p>e!DAL-PGP</p>  <p>Plant Genomics and Phenomics Research Data Repository</p> <p>Phenotypic plant data</p>	<p>PANGAEA</p>  <p>PANGAEA Data Publisher for Earth & Environmental Science</p> <p>Earth, environmental & biodiversity data</p>	<p>BGBM</p>  <p>Botanischer Garten Berlin</p> <p>Botany & Mycology</p>	<p>DSMZ</p>  <p>Leibniz Institut Deutsche Sammlung von Mikroorganismen und Zellkulturen</p> <p>Microorganisms and cell lines</p>
<p>LIB - ZFMK *</p>  <p>Leibniz Institute for the Analysis of Biodiversity Change - Museum Koenig</p> <p>Zoology</p>	<p>MfN</p>  <p>Museum für Naturkunde Berlin</p> <p>Palaeontology, Zoology</p>	<p>SENCKENBERG</p>  <p>Senckenberg Gesellschaft für Naturforschung</p> <p>Botany, Ecology, Mycology, Palaeontology, Zoology</p>	<p>SMNS</p>  <p>Naturkunde Museum Stuttgart</p> <p>Botany, Mycology, Palaeontology, Zoology</p>	<p>SNSB</p>  <p>Staatliche Naturwissenschaftliche Sammlungen Bayerns</p> <p>Botany, Mycology, Palaeontology, Zoology</p>

Data Types covered

- Occurrence Data
- Environmental data
- Trait data
- Molecular data
- Experimental and laboratory measurements
- Multimedia (photographs, audio, video)
- Orthophotos produced using a drone
- Sensor data

Data Centers specialized on Nucleotide, Plant and Environmental Data



Data Centers at Natural Science Collections



The Data Submission Service

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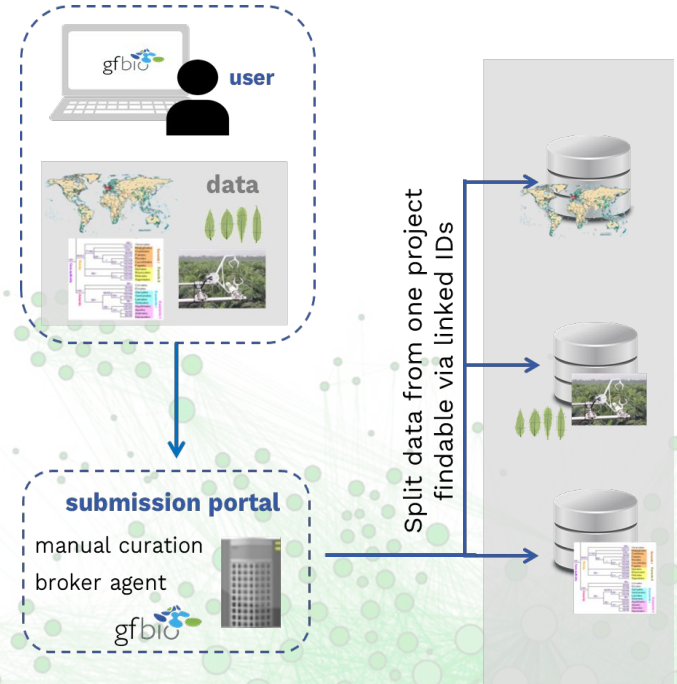
How to access: Single-Sign-On with existing third-party accounts (GitHub, **ORCID**, Google) or GFBio Account

Communication: Via our Helpdesk infrastructure (Ticket view and/or Email conversation)

Published Datasets are citable by Persistent Identifiers (e.g. DOI, accession numbers for molecular data)

Time-restricted access to datasets is possible (individual embargo)

The Service is free of charge!



A view into the service- which Information do we need?

- Title - descriptive title to your dataset(s)
- Description - comparable to an abstract of a paper, but unique to your dataset(s)

Note: each dataset receives a unique title and description!

Upload your data:

- Upload Data directly
- Enter URL to data storage
- Request an upload link via the comment section

License:

We recommend the CC-BY licence

Legal Requirements if applicable

License

 CC BY 4.0	change
CC0 1.0	details
CC BY 4.0	details
CC BY-NC 4.0	details
CC BY-NC-ND 4.0	details
CC BY-NC-SA 4.0	details
CC BY-ND 4.0	details
CC BY-SA 4.0	details
Other License	

Legal Requirements

- Nagoya Protocol
- IUCN Red List of Threatened Species
- Sensitive Personal Information
- Uncertain

A view into the service- which Information is helpful?

Contributors:

- Who collected the data/ should be named as contributor to the data set?

Categories and labels for this submission:

- helps identify the most suitable data center

Related Publications

Embargo time: time-limited access restrictions

Contributors roles

Main Roles

- Author/Creator
- Content Contact
- Principal Investigator

Additional Roles

- Data Owner
- Data Curator
- Data Editor/Data Manager
- Data Owner Contact
- Researcher
- Data Source Organisation

Cross-linking of related data sets: Environmental & nucleotide data

Citation:

Kammann, Sandra; Karsten, Ulf; Glaser, Karin; Schiefelbein, Ulf; Hassenrück, Christiane; Mikhailyuk, Tatiana; Demchenko, Eduardo; Dolnik, Christian; Leinweber, Peter (2022): Microbial community composition of biological soil crusts in coastal sand dunes in northern Germany [dataset bundled publication]. *PANGAEA*, doi <https://doi.org/10.1594/PANGAEA.947840>

Always quote citation above when using data! You can download the citation in several formats below.

RIS Citation

BibTeX Citation

Copy Citation

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Google Earth



Abstract:

This data collection comprises environmental data and taxonomic parameters of the investigated biocrusts of sampling sites in coastal and inland sand dunes in northern Germany. Sampling took place in spring 2020 and winter 2021. Biocrusts and uppermost sediment samples were collected along dune successional gradients and sequenced by LGC Genomics Ltd. Corresponding sequence data of biocrust organisms are archived at the European Nucleotide Archive.

Keyword(s):

16S rRNA [Q](#); algae [Q](#); Crusts [Q](#); dune [Q](#); sediment analysis [Q](#); soil ecology [Q](#)

Related to:

Karsten, Ulf; Glaser, Karin; Schiefelbein, Ulf; Hassenrück, Christiane; Mikhailyuk, Tatiana; Demchenko, Eduardo; Dolnik, Christian; Leinweber, Peter; Kammann, Sandra (2022): 16S rRNA sequences of microbial communities of biological soil crusts in coastal sand dunes in northern Germany [dataset]. *European Nucleotide Archive (ENA)*, [insdc:PRJEB56530](https://insdc.ebi.ac.uk/insdc/PRJEB56530) [Q](#)



Cross-linking of related data sets: Environmental & nucleotide data

Citation:

Kammann, Sandra; Kars Hassenrück, Christian Eduardo; Dolnik, Chris
community composition in northern Germany [C
 <https://doi.org/10.15>

Project: PRJEB56530

This data was collected in coastal and inland sand dunes in northern Germany. Sampling took place in spring 2020 and winter 2021. Biocrusts and uppermost sediment samples were collected along dune successional gradients and sequenced by LGC Genomics Ltd. The V3-V4 region of the 16S rRNA gene was amplified with the Klindworth primers (341F-785R). Sequencing libraries were generated in mixed orientation, so that both R1 and R2 contain forward and reverse oriented reads. To account for this in the data submission, there are 2 entries for each sample corresponding to the forward-reverse, and reverse-forward orientation (here R1 reads are listed under reverse_file_name).

Always quote citation above when

 RIS Citation

 BibTeX Citation



 Copy Cl



Abstract:

This data collection comprises env sand dunes in northern Germany, along dune successional gradients European Nucleotide Archive.

Keyword(s):

16S rRNA ; algae ; Crusts ; d

Secondary Study Accession:

ERP141481

Study Title:

Microbial community composition of biological soil crusts in coastal sand dunes in northern Germany

Center Name:

German Federation for Biological Data;University Rostock

Broker Name:

GFBIO

Authors:

Kammann, Sandra; Karsten, Ulf; Glaser, Karin; Hassenrück, Christiane; Labrenz, Matthias (2022)

ENA-FIRST-PUBLIC:

2023-09-28

ENA-LAST-UPDATE:

2023-09-28

Related to:

Karsten, Ulf; Glaser, Karin; Schie Leinweber, Peter; Kammann,
northern Germany [dataset]. *Eu*

- Submission:
[ERA18513945](https://www.ebi.ac.uk/ena/browser/view/ERA18513945)
- PANGAEA:
947840 

Navigation & Cross References

<https://www.ebi.ac.uk/ena/browser/view/PRJEB56530>

Resources and support

We guide you through your data submission!

Templates for different data types

- In the Submission System
- In our Knowledge Base

Individual support via our Helpdesk
(helpdesk@nfdi4biodiversity.org)

Our Contact form



Data Submission Templates