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Q&A session - Get started sharing data - Environmental and climate data

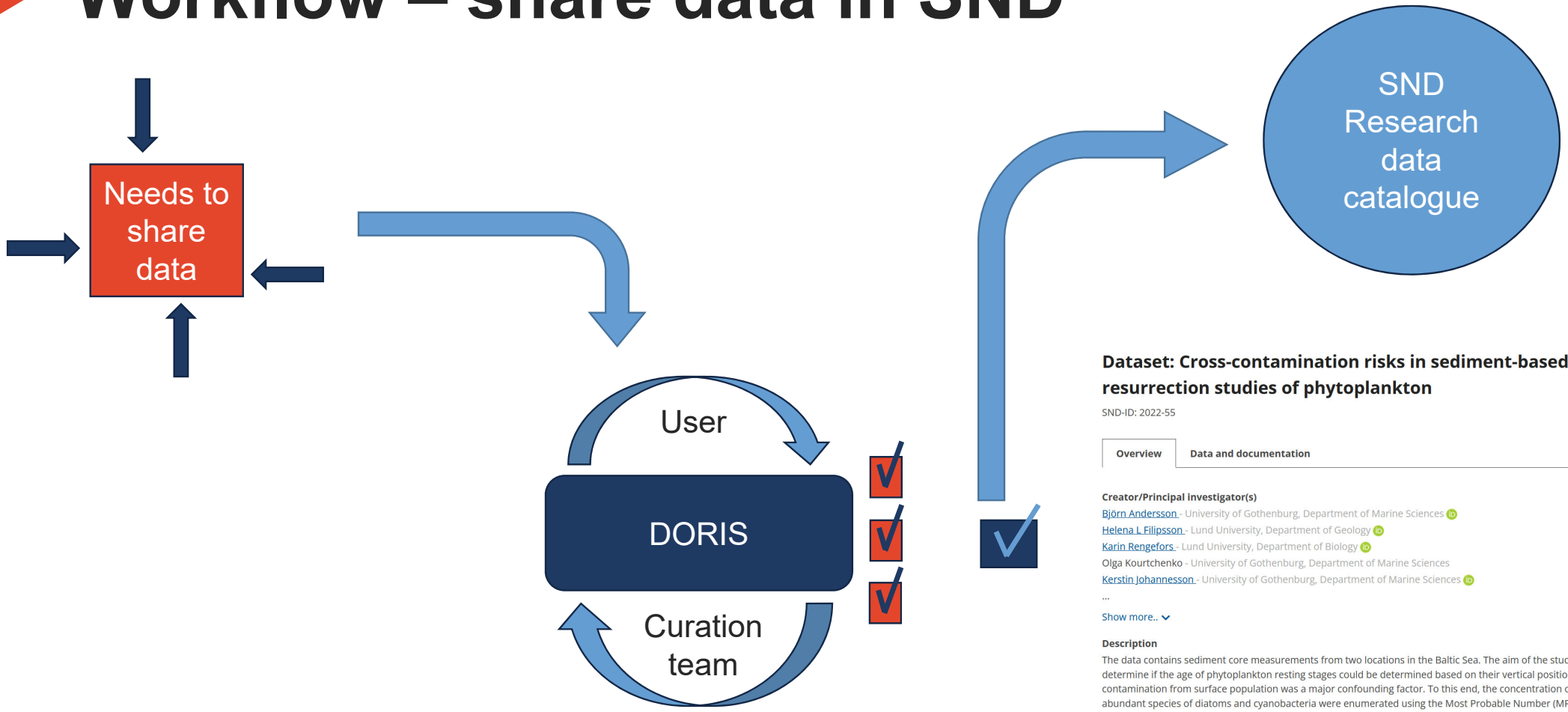
2023-05-31, zoom

Session start 13:03, please make sure to:

- Mute microphone
- Menti.com **3180 7583**
- Post questions in chat, if more questions than time, chat will be saved and questions answered later on.
- Slides will be available on the event page after the session

Menti - QR

Workflow – share data in SND



Dataset: Cross-contamination risks in sediment-based resurrection studies of phytoplankton

SND-ID: 2022-55

Overview | Data and documentation

Creator/Principal investigator(s)

Björn Andersson - University of Gothenburg, Department of Marine Sciences
Helena L Filipsson - Lund University, Department of Geology
Karin Rengefors - Lund University, Department of Biology
Olga Kourtchenko - University of Gothenburg, Department of Marine Sciences
Kerstin Johannesson - University of Gothenburg, Department of Marine Sciences
...

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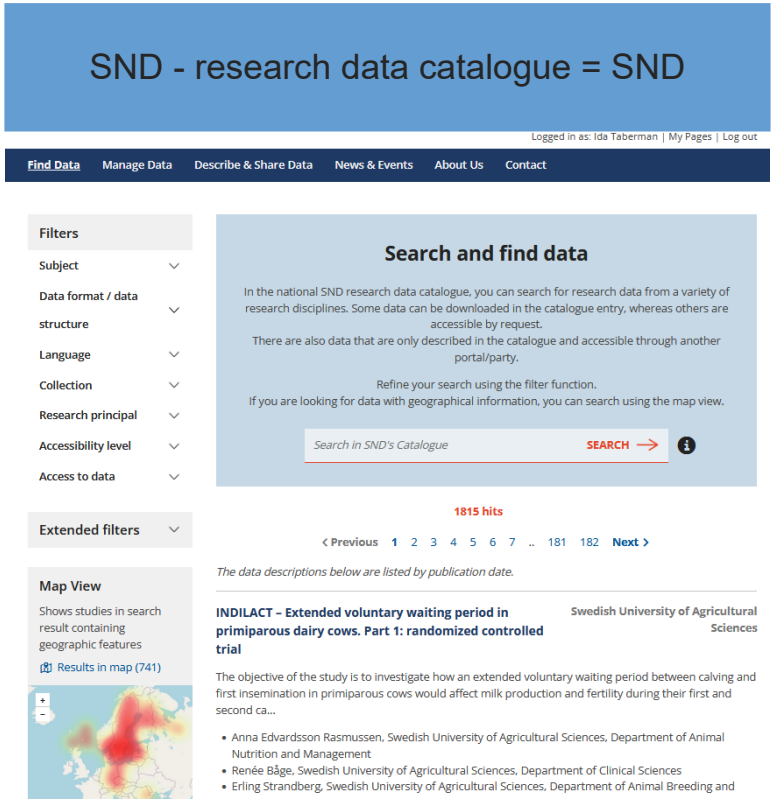
Description

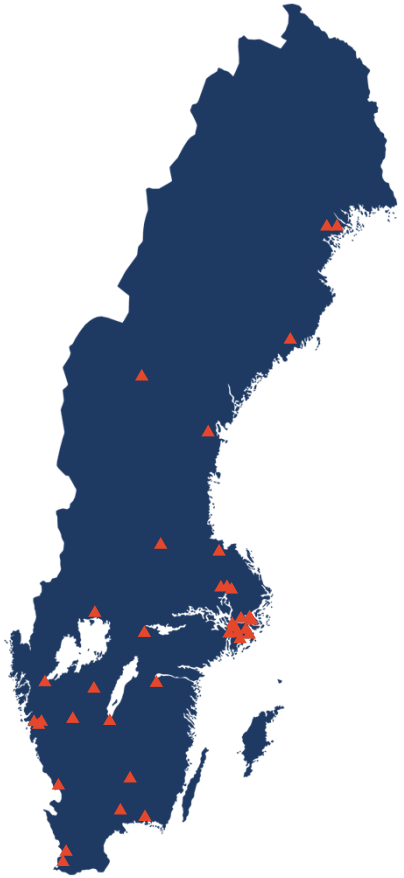
The data contains sediment core measurements from two locations in the Baltic Sea. The aim of the study was to determine if the age of phytoplankton resting stages could be determined based on their vertical position or if contamination from surface population was a major confounding factor. To this end, the concentration of seven abundant species of diatoms and cyanobacteria were enumerated using the Most Probable Number (MPN) approach. Sediment sections were dated using standard radiometric methods, and surface sediment contamination was quantified using 4.5 µm microsphere tracers. Furthermore, ex-situ longevity was monitored over four years and

Swedish National Data Service

Collaboration between institutions and public research institutes in Sweden

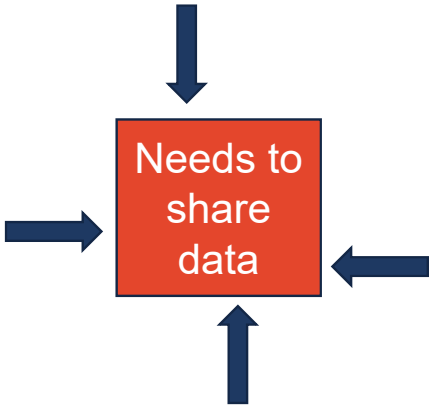
SND - research data catalogue = SND



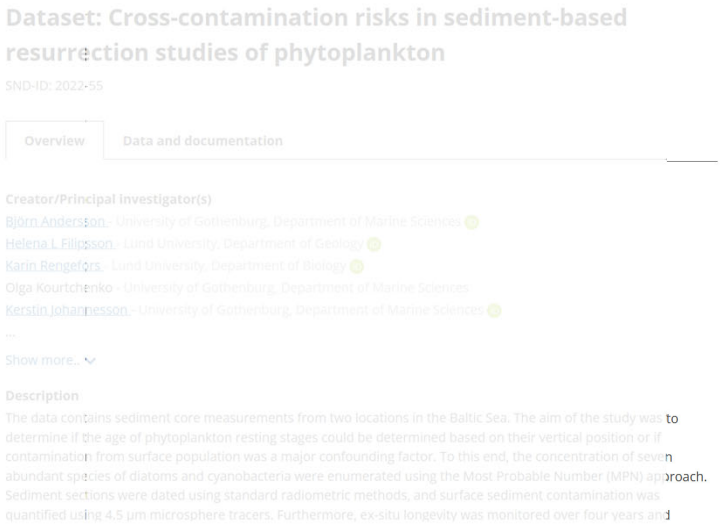


The curation teams

Workflow – Needs



Log in with account


Dataset: Cross-contamination risks in sediment-based resurrection studies of phytoplankton

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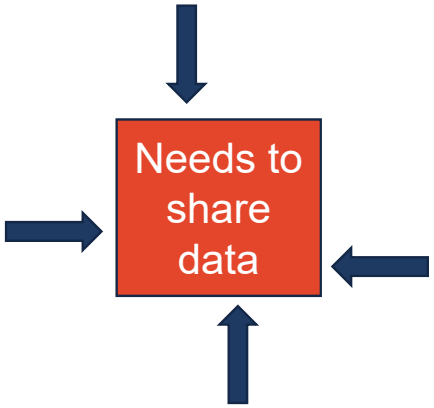
Workflow – Needs and *one* answer



SND Research data catalogue

Dataset: Cross-contamination risks in sediment-based resurrection studies of phytoplankton

SND-ID: 2022-55

Overview | Data and documentation

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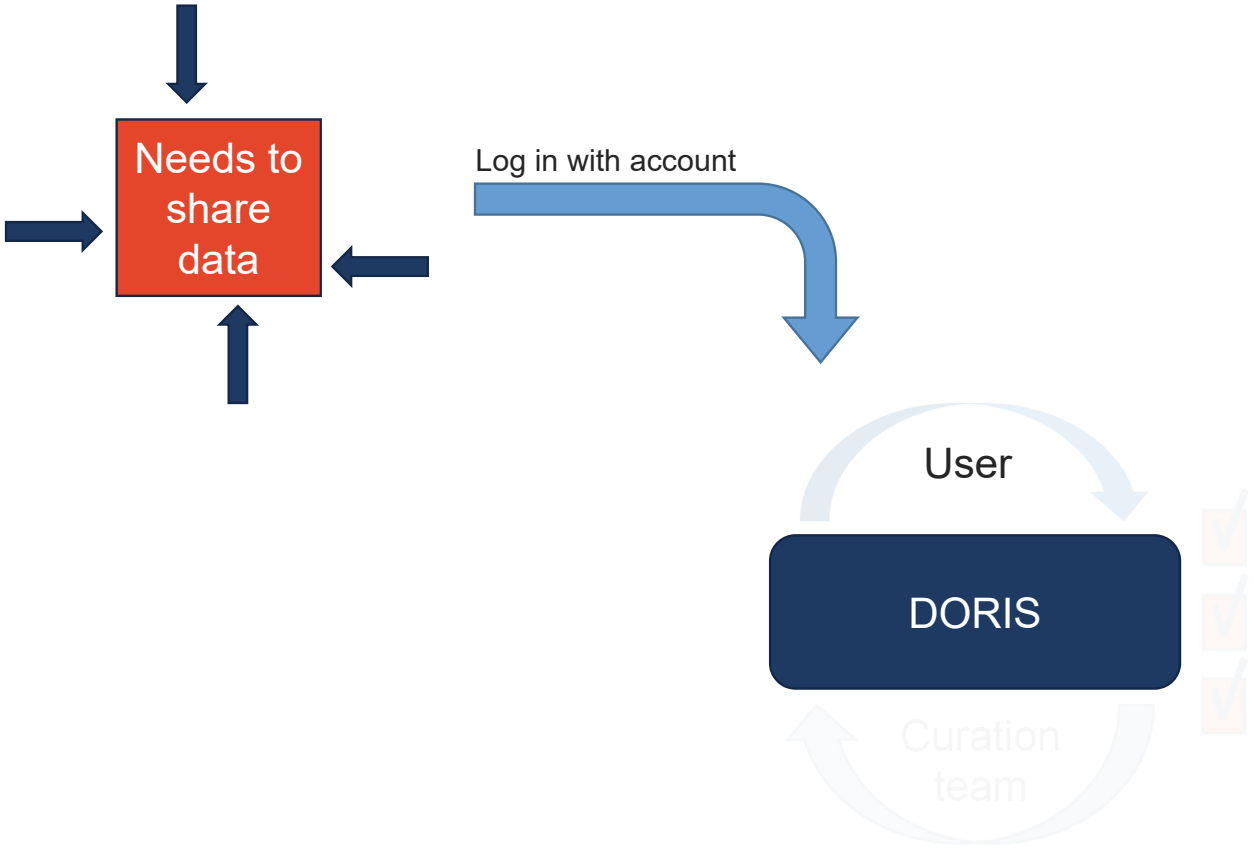
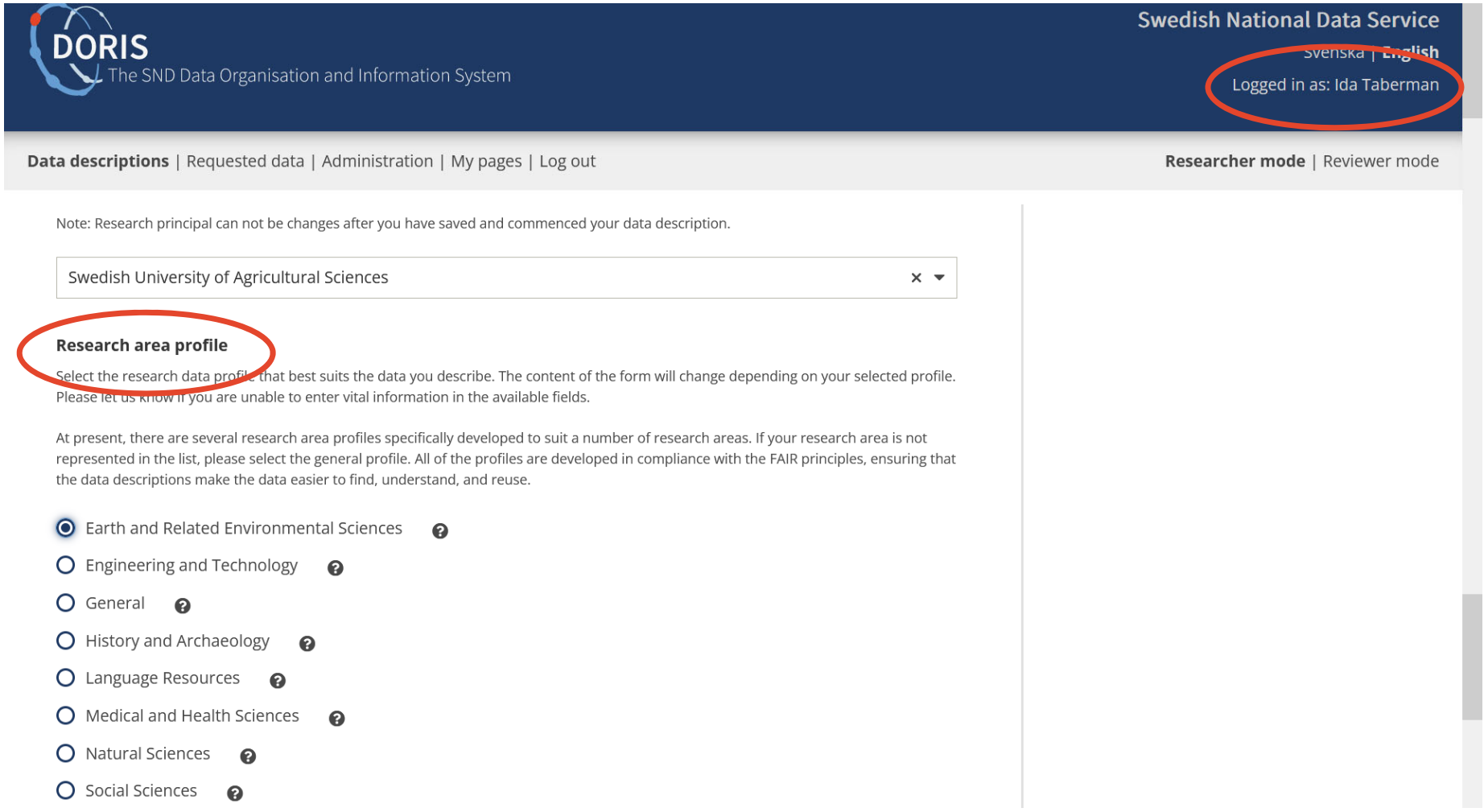
Workflow – DORIS-system




DORIS
The SND Data Organisation and Information System
Swedish National Data Service
Svenska | English
Logged in as: Ida Taberman
Data descriptions | Requested data | Administration | My pages | Log out
Researcher mode | Reviewer mode
Note: Research principal can not be changes after you have saved and commenced your data description.
Swedish University of Agricultural Sciences
Research area profile
Select the research data profile that best suits the data you describe. The content of the form will change depending on your selected profile. Please let us know if you are unable to enter vital information in the available fields.
At present, there are several research area profiles specifically developed to suit a number of research areas. If your research area is not represented in the list, please select the general profile. All of the profiles are developed in compliance with the FAIR principles, ensuring that the data descriptions make the data easier to find, understand, and reuse.
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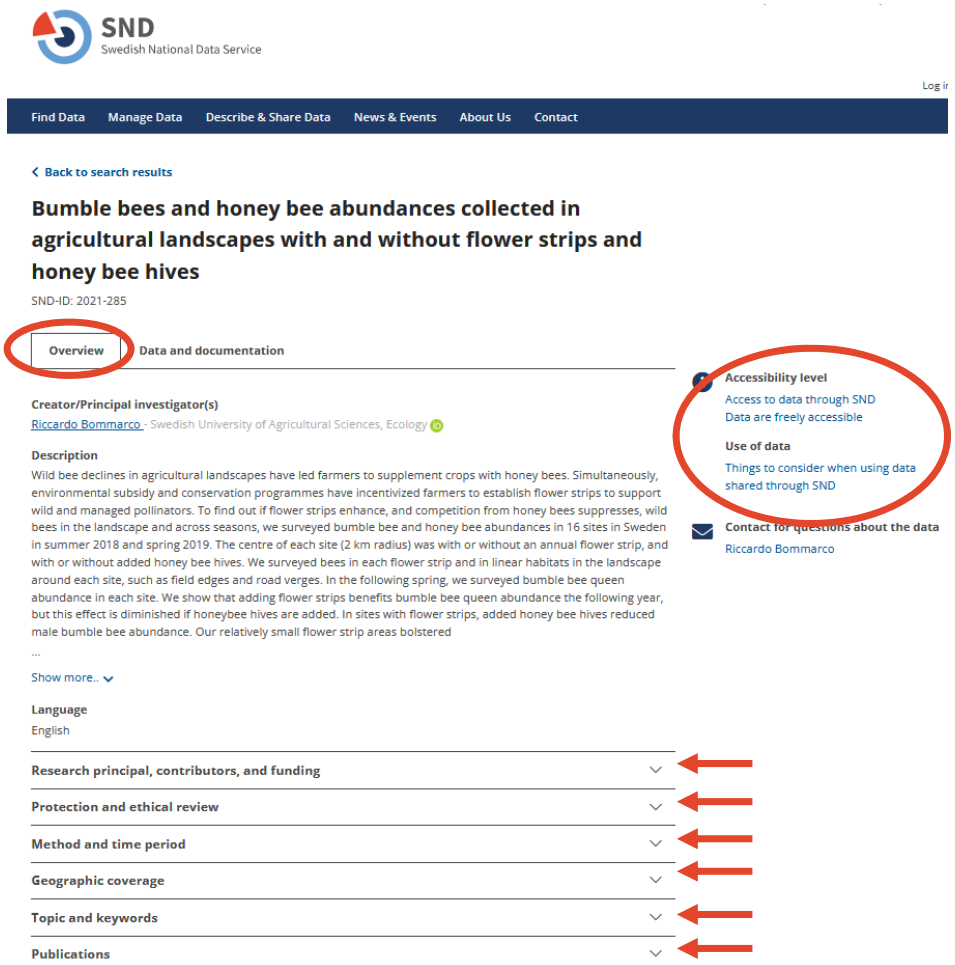
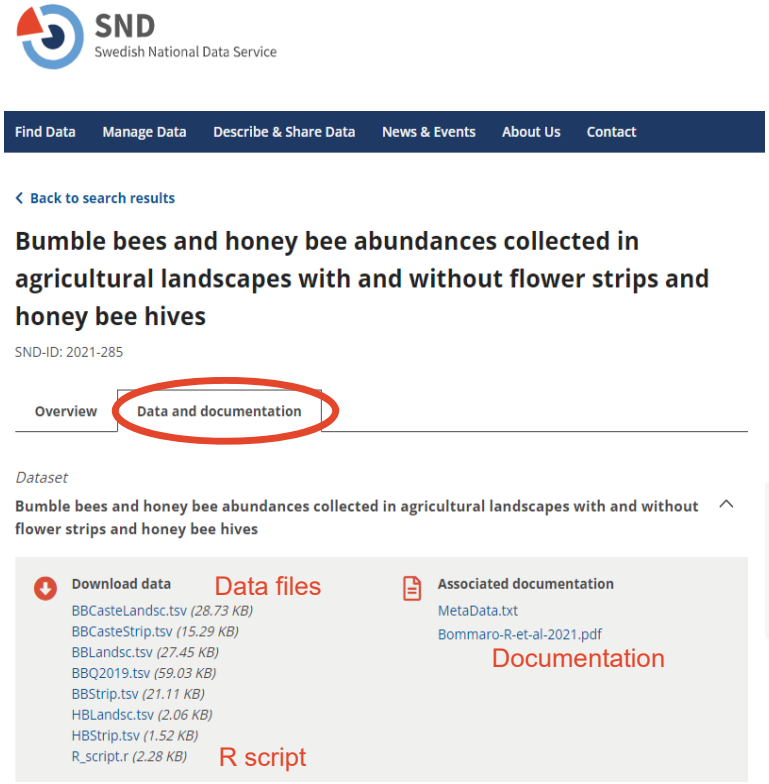
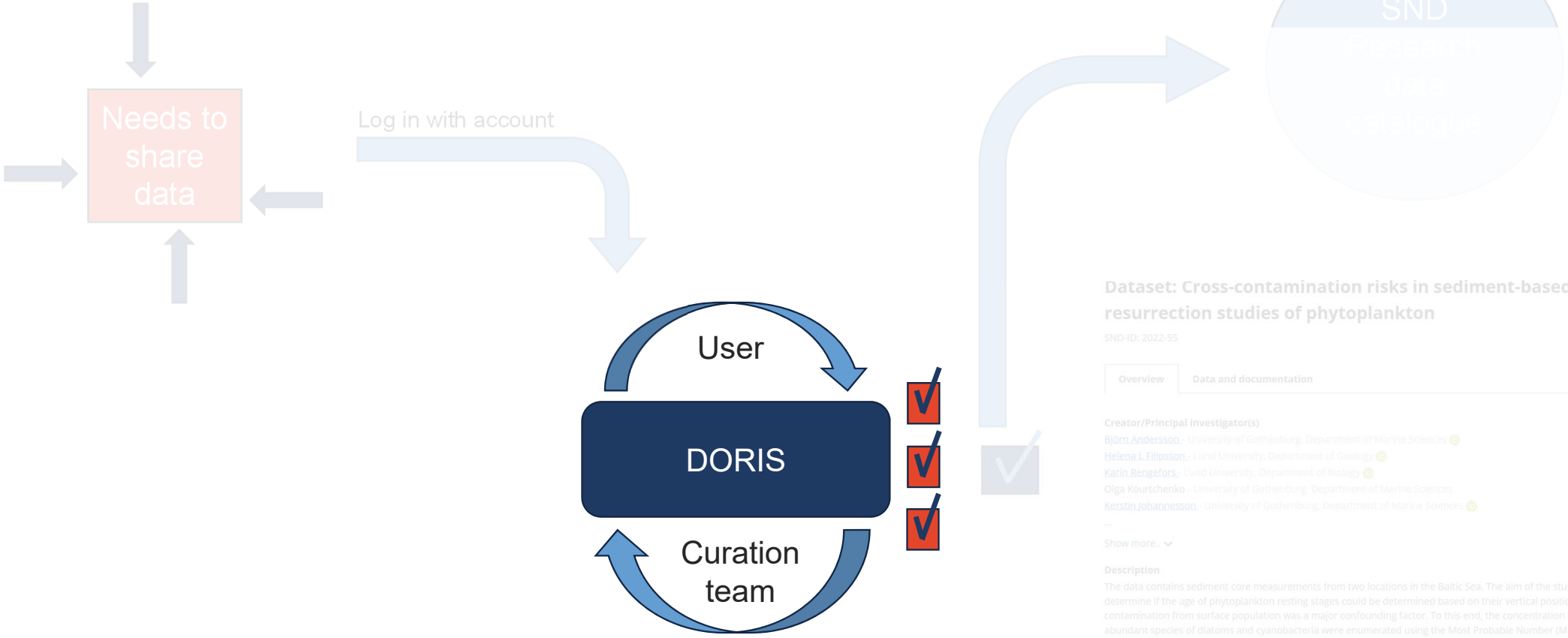


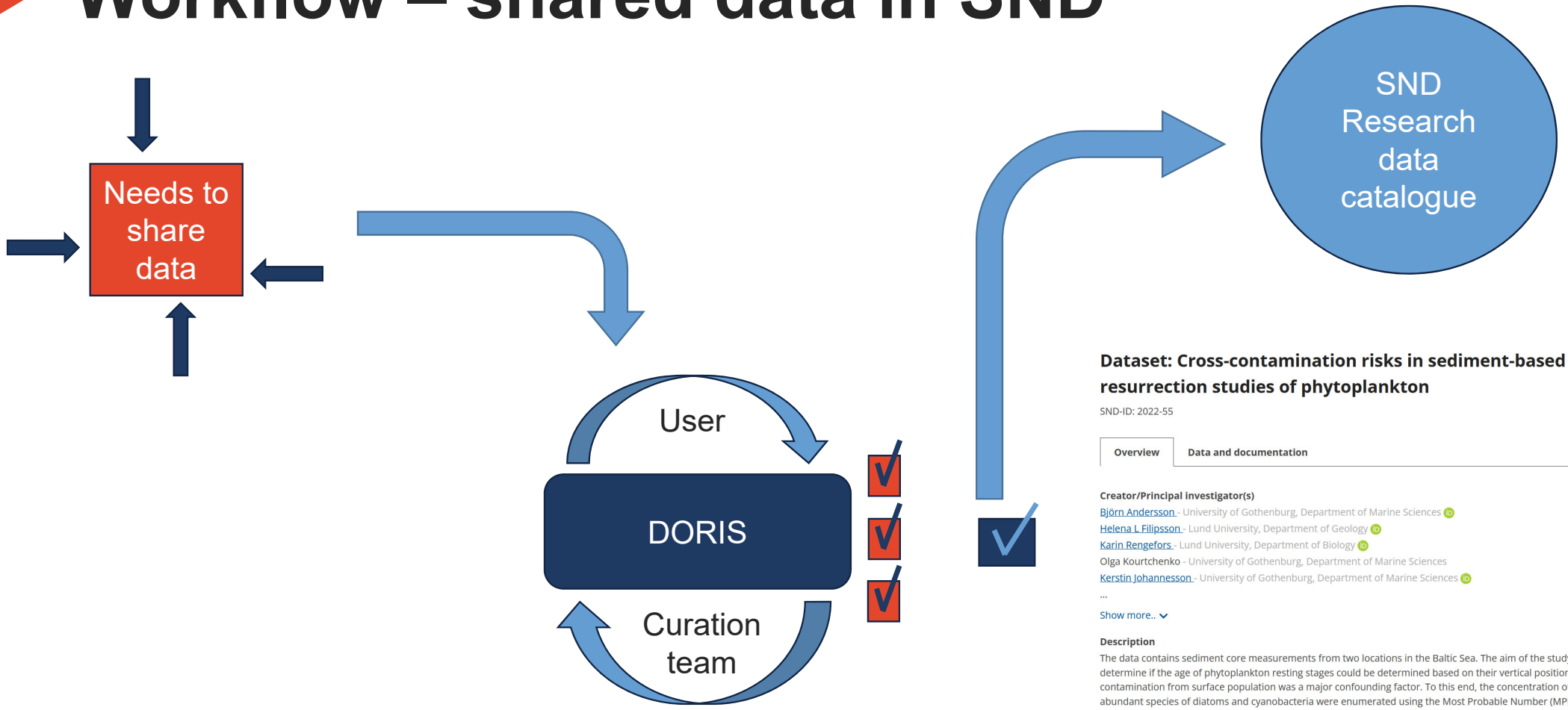


Published dataset: https://doi.org/10.5878/s2bx-3j34

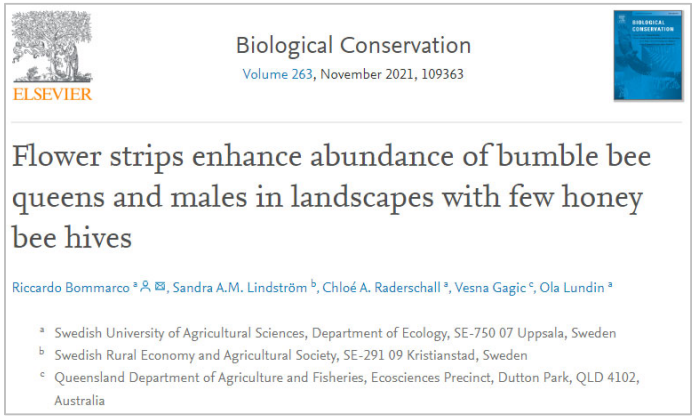
Workflow – share data in SND



Workflow – shared data in SND



Published paper



Biological Conservation
Volume 263, November 2021, 109363

Flower strips enhance abundance of bumble bee queens and males in landscapes with few honey bee hives

Riccardo Bommarco [a], Sandra A.M. Lindström [b], Chloé A. Raderschall [a], Vesna Gagic [c], Ola Lundin [a]

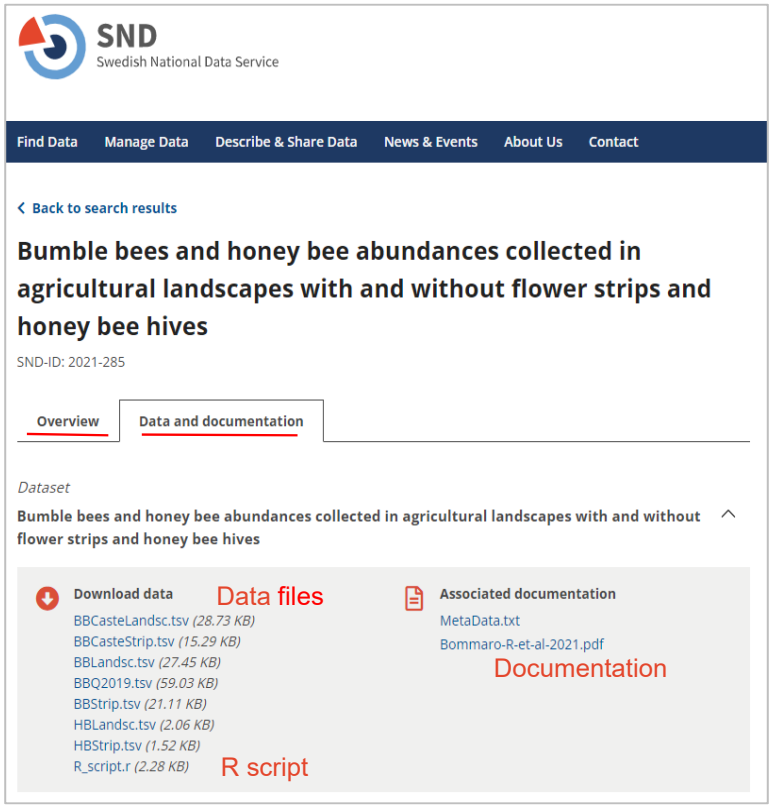
[a] Swedish University of Agricultural Sciences, Department of Ecology, SE-750 07 Uppsala, Sweden
[b] Swedish Rural Economy and Agricultural Society, SE-291 09 Kristianstad, Sweden
[c] Queensland Department of Agriculture and Fisheries, Ecosciences Precinct, Dutton Park, QLD 4102, Australia

Data accessibility statement

Data and r-script are available online at the Swedish National Data Service at https://doi.org/10.5878/s2bx-3j34. Persistent link to dataset

Published paper: https://doi.org/10.1016/j.biocon.2021.109363

Shared dataset



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Bumble bees and honey bee abundances collected in agricultural landscapes with and without flower strips and honey bee hives

SND-ID: 2021-285

Overview | Data and documentation

Dataset

Bumble bees and honey bee abundances collected in agricultural landscapes with and without flower strips and honey bee hives

Download data — Data files
BBCasteLandsc.tsv *(28.73 KB)*
BBCasteStrip.tsv *(15.29 KB)*
BBLandsc.tsv *(27.45 KB)*
BBQ2019.tsv *(59.03 KB)*
BBStrip.tsv *(21.11 KB)*
HBLandsc.tsv *(2.06 KB)*
HBStrip.tsv *(1.52 KB)*
R_script.r *(2.28 KB)* — R script

Associated documentation — Documentation
MetaData.txt
Bommaro-R-et-al-2021.pdf

Published dataset: https://doi.org/10.5878/s2bx-3j34

Citation

Bommarco, R. (2021). Bumble bees and honey bee abundances collected in agricultural landscapes with and without flower strips and honey bee hives (Version 1) [Data set]. Swedish University of Agricultural Sciences. https://doi.org/10.5878/s2bx-3j34

Citation with persistent identifier/link

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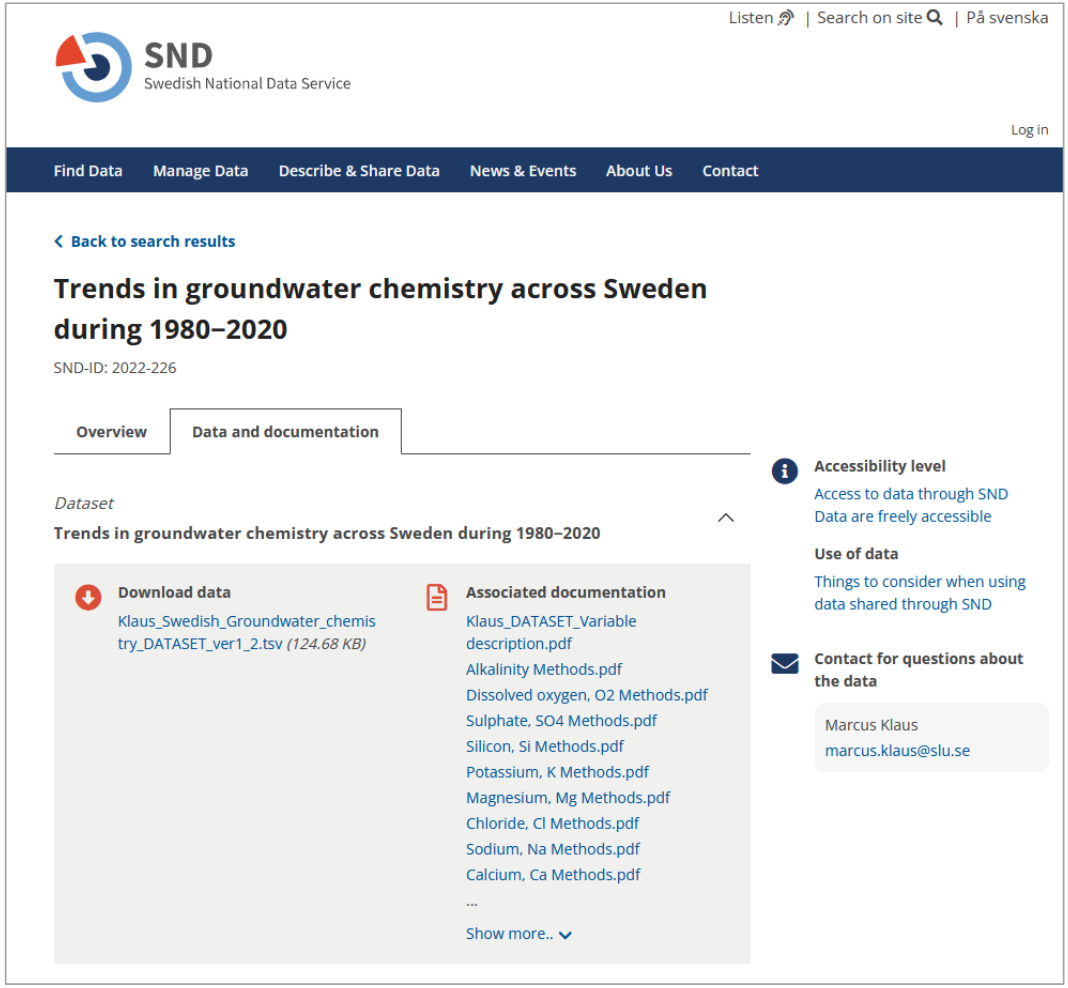
Trends in groundwater chemistry across Sweden during 1980–2020
SND-ID: 2022-226
Overview
Data and documentation
Creator/Principal investigator(s)
Marcus Klaus - Swedish University of Agricultural Sciences, Department of Forest Ecology and Management
Description
This dataset contains medians, linear trends and change points in groundwater chemistry across Sweden during 1980-2020. Water chemical parameters include measured pH, alkalinity, concentrations of base cations and acid anions, dissolved oxygen, dissolved silica, total organic carbon, groundwater temperature, groundwater level, as well as dissolved inorganic carbon and carbon dioxide calculated using carbonate equilibrium equations based on pH, alkalinity and temperature. The statistics are calculated from a total of 5745 sampling occasions for 55 groundwater wells or springs that are part of the National Groundwater Chemistry Monitoring program run by the Geological Survey of Sweden. Included is also background information on the sampling locations. The aim with this data compilation is to evaluate effects of environmental changes on groundwater carbon cycling.
Language
English
Research principal, contributors, and funding
Protection and ethical review
Accessibility level
Access to data through SND
Data are freely accessible
Use of data
Things to consider when using data shared through SND
Contact for questions about the data
Marcus Klaus
marcus.klaus@slu.se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Trends in groundwater chemistry across Sweden during 1980–2020
SND-ID: 2022-226
Overview
Data and documentation
Dataset
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Associated documentation
Klaus_DATASET_Variable description.pdf
Alkalinity Methods.pdf
Dissolved oxygen, O2 Methods.pdf
Sulphate, SO4 Methods.pdf
Silicon, Si Methods.pdf
Potassium, K Methods.pdf
Magnesium, Mg Methods.pdf
Chloride, Cl Methods.pdf
Sodium, Na Methods.pdf
Calcium, Ca Methods.pdf
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Accessibility level
Access to data through SND
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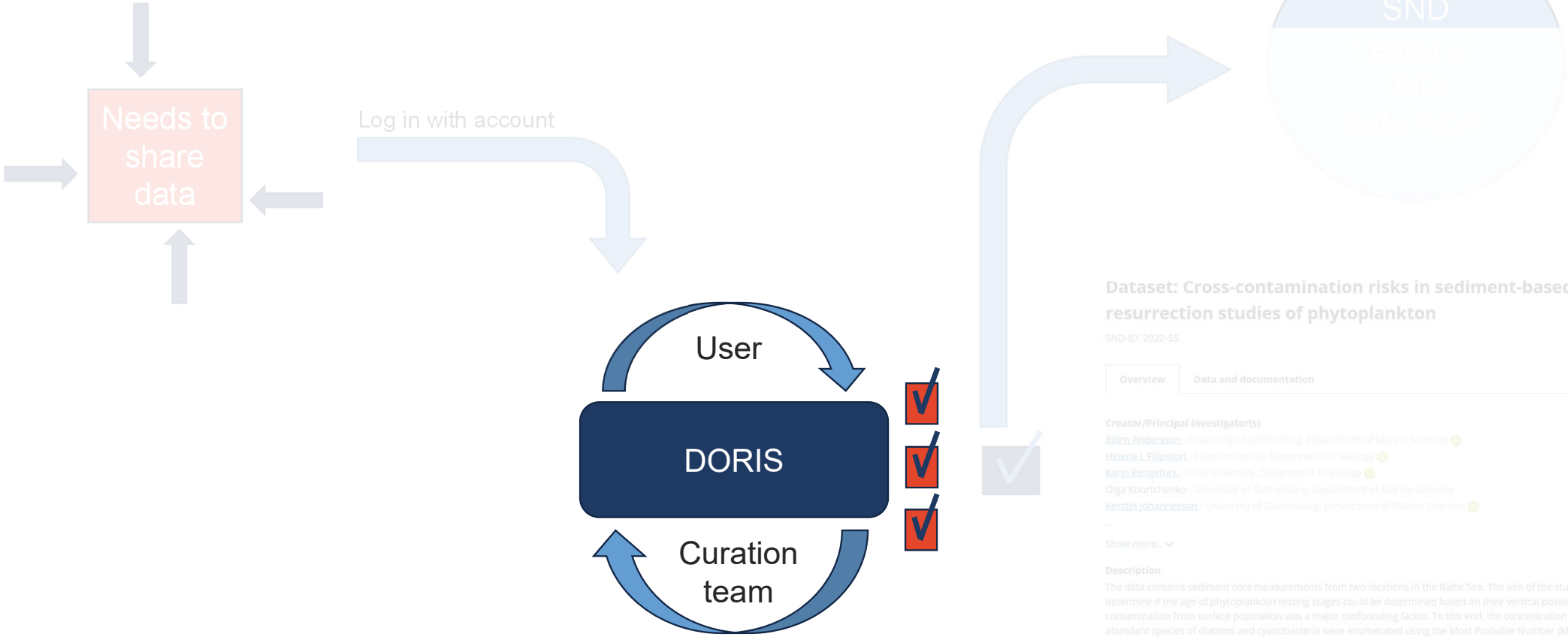
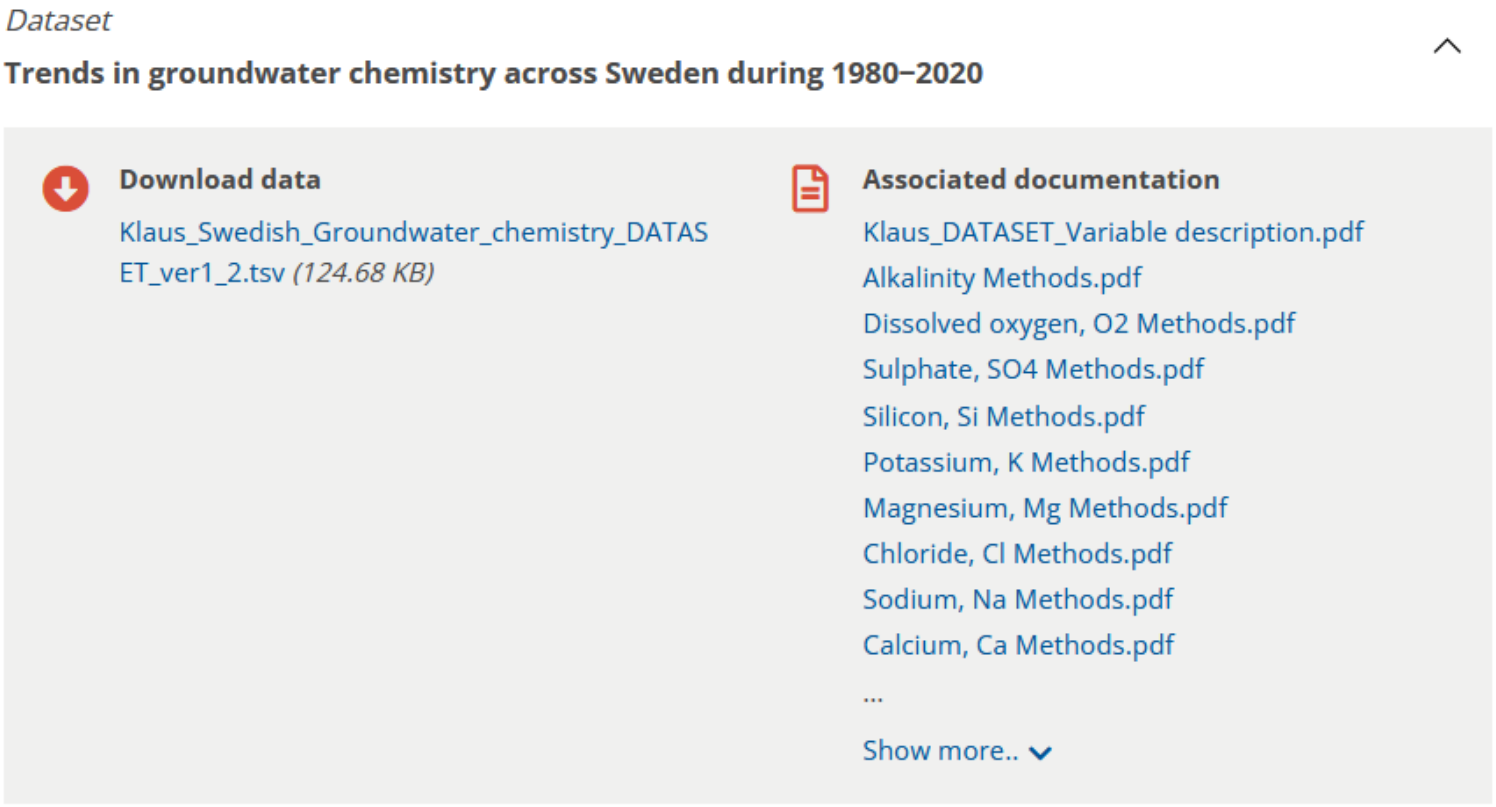
Workflow – iterative curation



Shared file formats



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Thank you!

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Ida.taberman@slu.se

Ida Taberman

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