

# Biological and Chemical Oceanography Data Management Office

## Supporting a New Vision for Adaptive Management of Oceanographic Data



Mak Saito, Peter Wiebe, Danie Kinkade, Adam Shepherd  
Shannon Rauch, Amber York, Karen Soenen, Dana Gerlach, Sawyer Newman, Taylor Heyl, Conrad Schloer, Shravani Nagala

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**VISION** An unparalleled data catalog of well-documented, interoperable oceanographic data and information, openly accessible to all end-users through an intuitive web-based interface for the purposes of advancing marine research, education, and policy.

*This strategy of adaptive data management underpins our project's current award period and forms the basis for our vision.*

**BCO-DMO Evolution** In 2019, the office entered a period of evolution to adapt to the emerging needs of the research community, leveraging innovative technologies and best practices in data curation and publication.

### EMERGING NEEDS

### ADAPTATIONS

### OUTREACH

During 2019-2020, we solicited your feedback on data search, access, and analysis habits at various meetings.

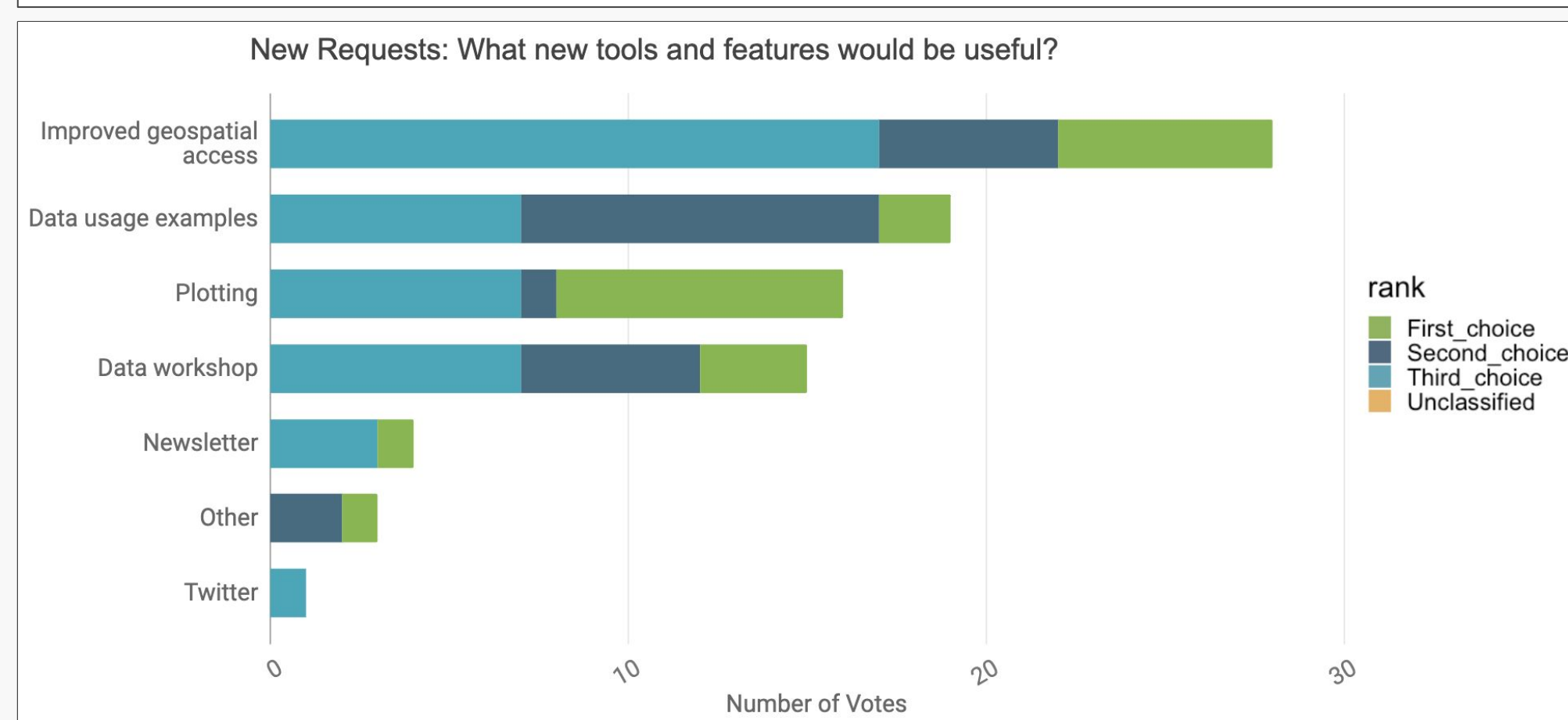
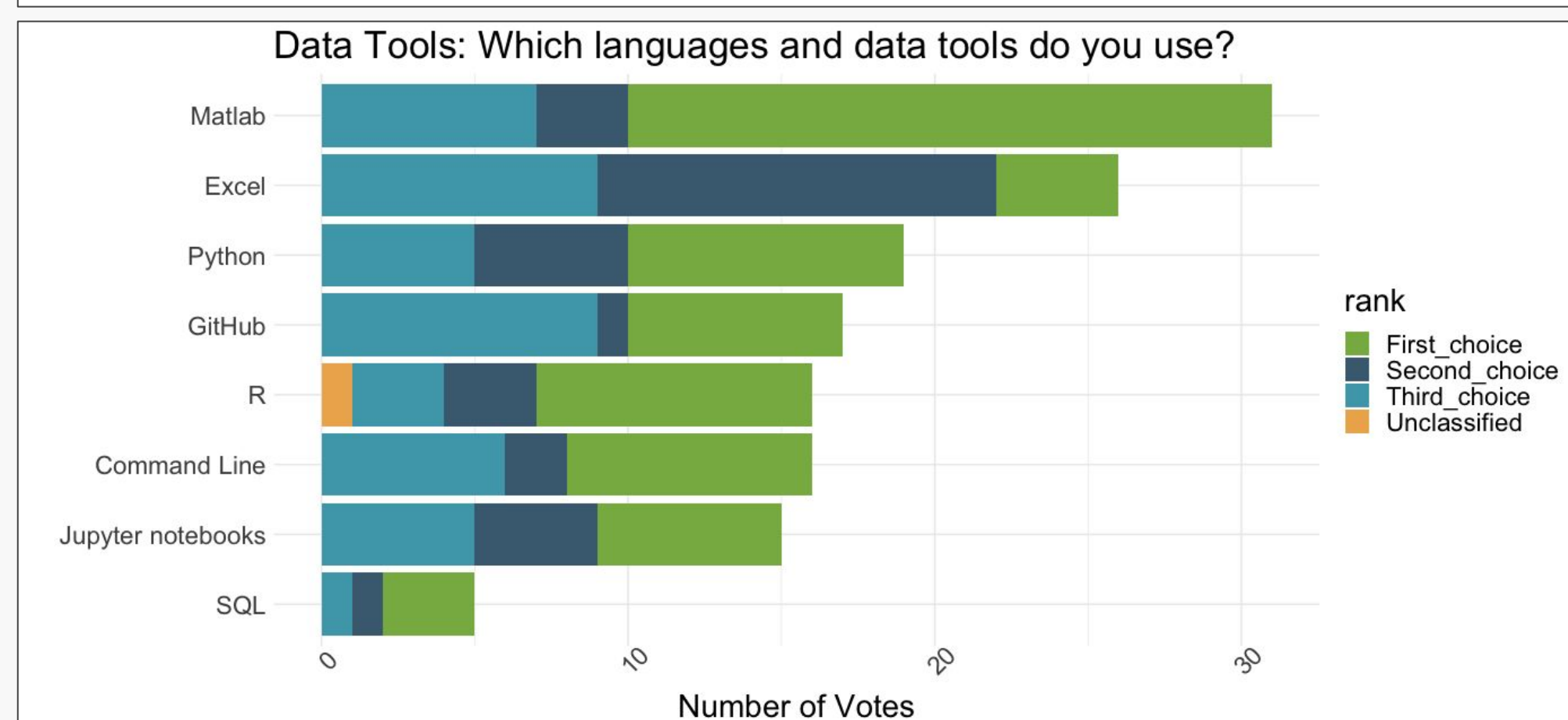
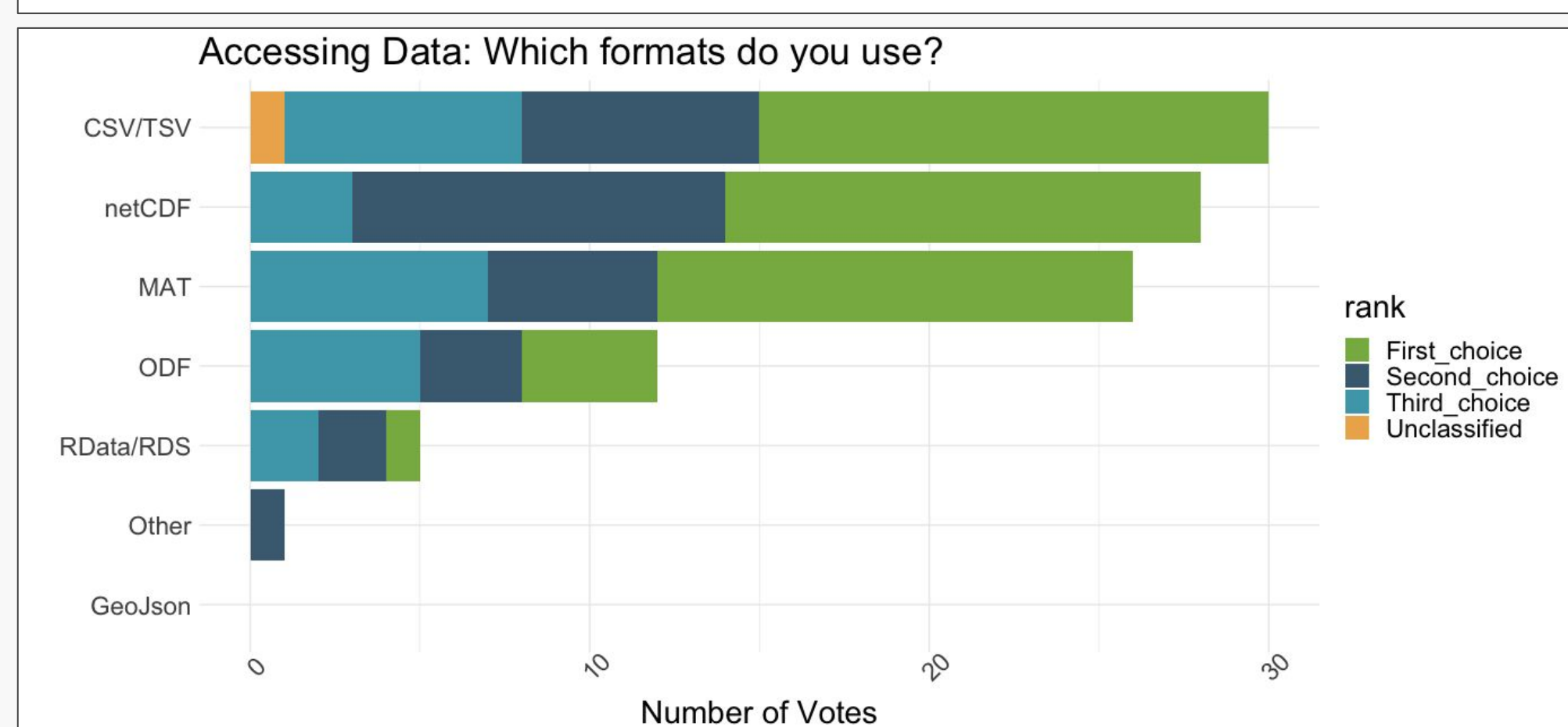
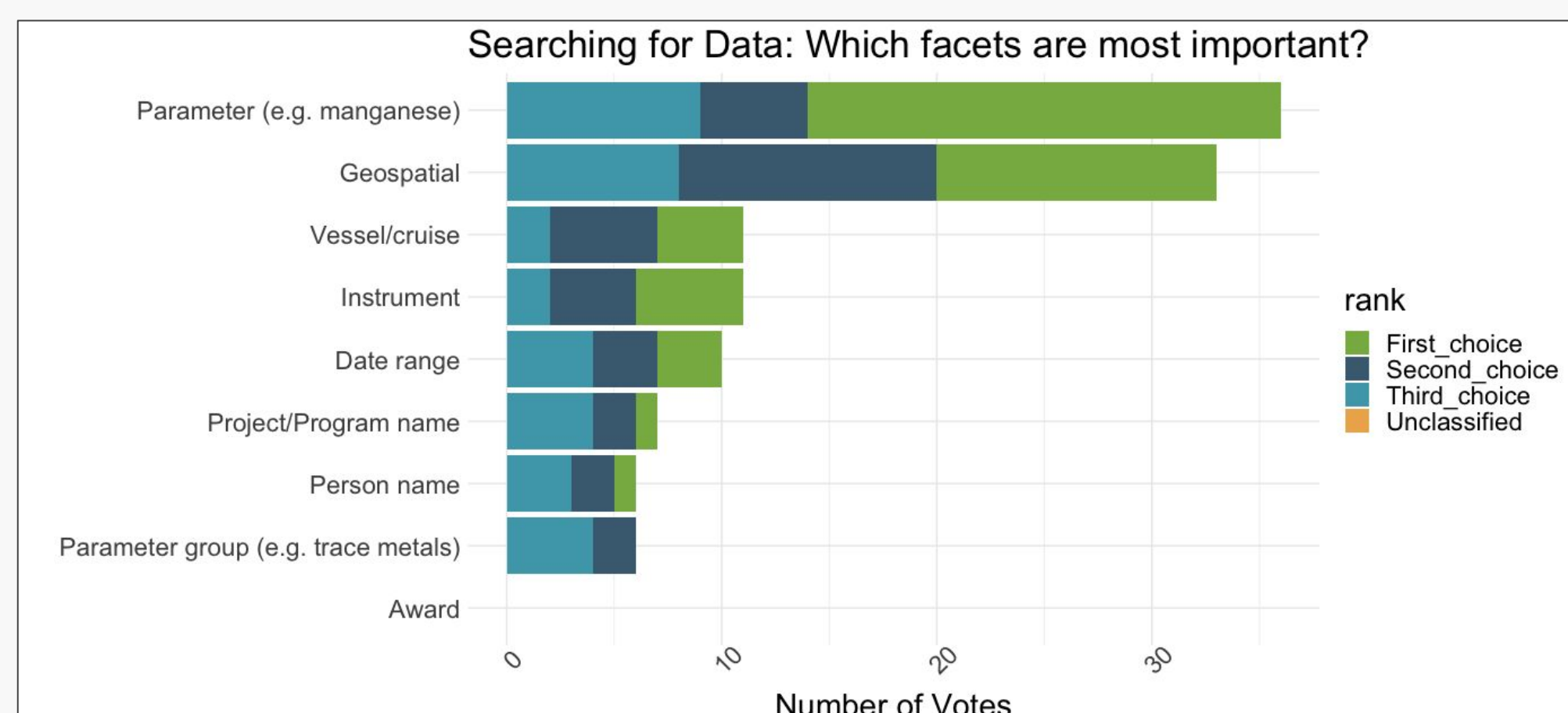
[submit.bco-dmo.org](https://submit.bco-dmo.org)  
Submit datasets and register projects today!

**ENGAGING THE COMMUNITY**  
We're improving outreach and engagement efforts to provide:  
**TRANSPARENCY** on new developments, features, and tools  
Access to **TRAINING & TUTORIALS**  
**CONSULT** with us on data-related issues  
Have an idea, comment, or concern? Let us know! [feedback@bco-dmo.org](mailto:feedback@bco-dmo.org)

[blog.bco-dmo.org](https://blog.bco-dmo.org)

What's new from BCO-DMO

### Your feedback helped shape our strategies for innovation



Instructions and examples are provided for each field. You can navigate through the forms step-by-step and save at any time.

**NEW SUBMISSION TOOL FEATURES**

- Submit datasets through **STEP-by-STEP** forms
- Easily **UPLOAD** data & project files
- Save **DRAFTS** for completion later
- Edit submissions with **COLLABORATORS**
- TRACK** the status of your submission
- RE-USE** existing metadata for new dataset submissions\*  
\* coming Fall 2022

Prefer the traditional way of submitting data?  
Data files and metadata forms can still be contributed via email ([info@bco-dmo.org](mailto:info@bco-dmo.org))

Follow us on Twitter and YouTube

Engage in hands-on training

**THE CARPENTRIES**

Carpentry Style Data Classes:

- Data Wrangling with Python
- Data Management in Ocean Sciences
- Intro to APIs
- Regular Expressions in Data
- Reusing data with ERDDAP

**New Website Coming Soon!**

ERDDAP provides BCO-DMO data in the formats you want directly from the Dataset page:

- CSV/TSV
- NetCDF
- MATLAB
- GeoJSON
- ODV
- and more...

Haskins, C., Soenen, K., Biddle, M., Copley, N., Rauch, S., York, A. D., Kinkade, D., Shepherd, A., Saito, M. A., Wiebe, P. H. (2020) Community feedback collected between June 2019 and February 2020 on how researchers search and access new data for research as well as feedback on potential enhancements to help improve BCO-DMO's service to the research community. Biological and Chemical Oceanography Data Management Office (BCO-DMO), (Version 1) Version Date: 2020-09-22. doi:10.26008/1912/bco-dmo.825238.1