

Data Archiving

Andrei Kurbatov

Ice Core Working Group Virtual Meeting

Thursday February 17, 2022

Request to IDP-ICWG to endorse a plan to update ice core data collection standards and best practices

See

[Presentation](#): 2021 Ice Core Working Group Meeting
Background [PDF](#)

Legacy data: By May of 2022

Establish US community approved ice core information list

Dynamic Map with ice core sites

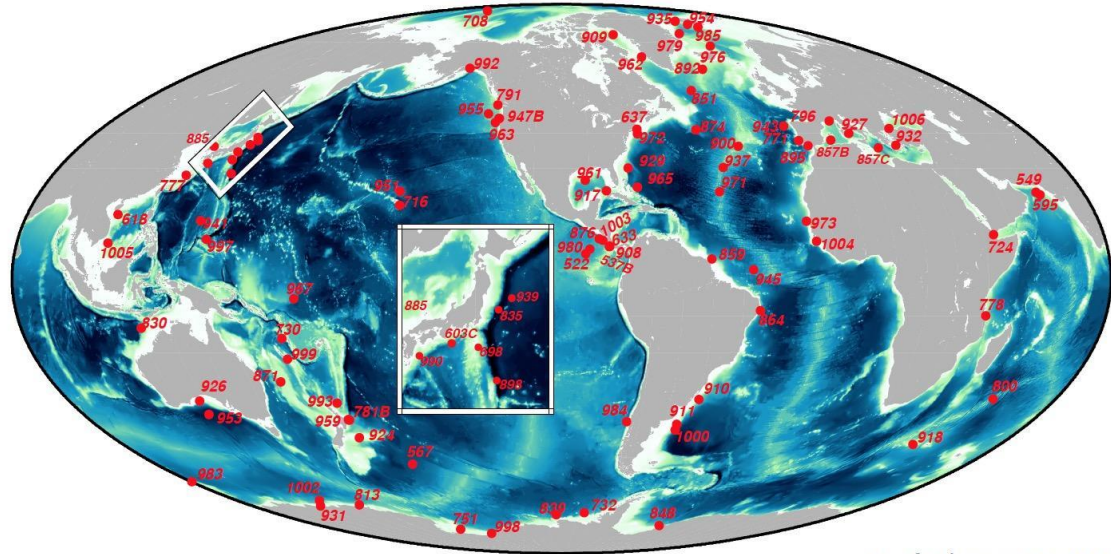
KML file (downloadable)

CSV file (downloadable)

Hosted on gitlab

<https://about.gitlab.com/>

Drill Sites in Active Proposals



As of February 15, 2022

<http://www.iodp.org/resources/maps-and-kml-tools>

Implementation ideas

- Ask US (global?) ice core community members by email to help update an ice core [list](#) extracted from [wikipedia](#)
- Organize user contributions using google [form](#)
- Create an updated list and keep list of all changes available
- Post list on gitlab and create a dynamic map
- Add ICWG members + community volunteers to the gitlab group to help manage the list (add new data, update legacy records)

Future ice core description By Summer of 2022

Standardize parameters for ice core borehole descriptions

- Evaluate International Ocean Discovery Program (IODP), Continental Scientific Drilling ([CSD](#)) and other similar programs best practices
- Develop a list of required parameters for the ice core [site](#) (hole) and cores
- Develop a list of required parameters for sample registration using NSF ICF issued IGSN numbers See proposed drafts [here](#)
- Include IDP-ICWG comments
- Get community feedback during the 1st Annual Ice Core Open Science [Meeting](#), May 24 - 26, 2022
- Recommend new descriptions to be adapted by future ice core programs

Implementation Plan for the future ice core descriptions

- Ask IDP-ICWG to comment and develop first draft
- Share proposal with US ice core community
- Modify/Update/Approve by IDP-ICWG
- Recommend as a best practice during May US Open science meeting
- Coordinate with NSF-ICF [IGSN](#) and [IGSN 2040](#) sample registration process
- Share new data submission format with US data [centers](#)

By the end of 2022

- Develop a list of required parameters for ice core measurements
- Coordinate with NSF-ICF IGSN registration and metadata sharing process

See some ideas here

https://wiki.icecoredata.org/mediawiki/index.php/Ice_core_point_or_location

- Publish a IDP-ICWG white paper
- Short EOS article about community standards?

Comments?

Please let me know if you would like to be involved in the implementation

Comment on all linked documents directly, use the Google [form](#), or [email](#) me.

Thank you