NPRB 2301: Project Logistics

# See bottom of document for notes from meetings, which informed the logistical layout

# Reference Links

[GitHub](https://github.com/CindyTribuzio-NOAA/PSS_Ageing)

[Google Folder](https://drive.google.com/drive/folders/1S9ppVeVSIG6iSDOY1e9cJ0GU9jdOUmsB?usp=drive_link)

[Research Workspace](https://www.researchworkspace.com/login)

Task/Roles Document [Gdoc](https://docs.google.com/document/d/1rkcsmJSsgmefIIaz4mgTaJy_kaExIkn14GpJ_eFGSiU/edit) (live) RW (static and may not be updated)

# Project timelines

Broken up by 6 month reporting periods

| **Period** | **Year** | **Task** | **Lead** |
| --- | --- | --- | --- |
| Jan-June | 2024 | Eye lens delamination | Dan |
|  |  | Drying of eye layers | Bruce |
|  |  | Dogfish spine prep | Beth |
|  |  | Dogfish spine ageing | Cindy/Beth |
|  |  | Select archived dogfish spines for AMS as needed | Cindy/Allen |
|  |  | Select samples for AMS/Isotopes | All |
|  |  | Biannual Report | Cindy |
| July - Dec | 2024 | Collect additional dogfish (summer survey) | Cindy |
|  |  | Continue sample prep as needed (fall term) | Dan |
|  |  | Continue drying samples as needed | Bruce |
|  |  | Run AMS/Isotopes | Bruce/Taylor |
|  |  | Biannual report | Cindy |
| Jan - June | 2025 | PI Meeting Seattle | All |
|  |  | Continue AMS/Isotopes as needed | Bruce/Taylor |
|  |  | Preliminary c14 chronology analyses | Allen/Bruce |
|  |  | Preliminary isotope analyses | Taylor |
|  |  | Preliminary plausible ages for PSS | Allen |
|  |  | Develop M analytics | Cindy |
|  |  | Pre-screen DLM methods | Cindy |
|  |  | Biannual Report | Cindy |
| July - Dec | 2025 | Finalize C14 chronology | Allen/Bruce |
|  |  | Finalize Isotope analyses | Taylor |
|  |  | Finalize plausible ages for PSS | Allen |
|  |  | Complete M analytics | Cindy |
|  |  | Evaluate DLM approaches | Cindy |
|  |  | Biannual Report | Cindy |
| Jan | 2026 | Present to AMSS | Cindy (but up for grabs) |
|  |  | Complete ALL invoicing | All with budgets |
| Feb | 2026 | Final Report submission | Cindy |
| Mar - ?? | 2026 | Finalize manuscripts | All |

# Sample and Data Pathways (flow chart in development)

# File Sharing

All files will be stored in a [NOAA Gsuite folder](https://drive.google.com/drive/folders/1S9ppVeVSIG6iSDOY1e9cJ0GU9jdOUmsB?usp=drive_link) and backed up on the NOAA/AFSC server. Most of our files will be available through the [Research Workspace](https://www.researchworkspace.com/login) portal with more specific details in each section.

## Images

* All images taken for the purpose of this project can be uploaded [here](https://drive.google.com/drive/folders/1oMvZDcQ_OUpoWwABeJe5Eb3rHHjisR6q?usp=drive_link) or sent to Cindy to upload.
* Any images that we select as being useful for presentation or good enough quality for sharing will be posted to an images folder on [Research Workspace](https://www.researchworkspace.com/project/42372274/folder/42756084/imageslogin) as well.
* Feel free to add folders or simply individual images to either repository
* You may add images files to both places, but please make sure that there is a copy in the Gsuite folder.

## Meeting Notes

We will record meeting notes in a google doc. Once completed, notes will be converted to .docx and added to a Research Workspace [folder](https://www.researchworkspace.com/project/42372274/folder/42756087/meeting-notes).

## Data

All data will be stored in protected spaces until the project is complete. The NRPB holds data for two years before allowing it to be public.

* All data files will be updated as data become available. Data files will be in the [Data](https://drive.google.com/drive/folders/1soPbm6fXyNppc4QIjdzhPGDfJocW32vy?usp=drive_link) folder in the Google folder.
* As data are generated, it can either be entered into the Gsheets by whomever is lead on that analysis, or sent to Cindy to enter.
* All original data forms, either hard copy or electronic MUST be backed up in the Google folder or sent to Cindy.
* Users can access data via the Google folder or the [Data Files](https://www.researchworkspace.com/project/42372274/folder/42756088/data-files) folder on Research Workspace.
* *NOTE: Cindy will develop scripts to automatically pull data from the Google folder into RW and maintain a log. Stay tuned for testing opportunities.*

## Analytics

* Each collaborator can utilize whichever analytical platform they prefer (e.g., R, Excel, etc.).
* Each task lead can develop a transparent means of version controlling their work and backing up files.
* All analytical files will eventually need to be backed up to the appropriate Objective folder on the Google folder or Research Workspace

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# ARCHIVED NOTES

# Research Workspace Demo

Notes

* This portal is password protected, may be preferable to GIThub for our data exchanges

Action items

* [Cindy Tribuzio - NOAA Federal](mailto:cindy.tribuzio@noaa.gov)develop project specific jN example for testing before we decide
* Cindy Tributzio needs to start metadata efforts

Draft data forms

Sample Inventory - updated as new samples come, as samples move through the system

Layer Inventory - list of separate layers and associated data, such as diameter at beginning of extraction, date of extraction, date of drying or spinning or refreezing

Layer AMS data

Layer Isotope data

Spine Ageing Data

# Project Logistics

Sample Pathways Notes

* From freezer to ARC in small batches
* Dan/Bruce move separated samples to LLNL
* Bruce slowly drying them until funds come in - concerns about stability if sitting samples, may refreeze
* Taylor will get samples from LLNL stash

Action items

* [~~Cindy Tribuzio - NOAA Federal~~](mailto:cindy.tribuzio@noaa.gov)~~look into interagency agreement~~
* Draft output data file structure
* [~~Cindy Tribuzio - NOAA Federal~~](mailto:cindy.tribuzio@noaa.gov)~~ship gloves and 1cm durarite grids to Dan~~
* Dan/Cindy Consider how to make taking pictures easier? A phone stand?

Timelines Notes

* Sample prep at ARC planned now through late May
* Freezer space is limited, no more than 2 1 gallon bags at a time

Action items

* [Cindy Tribuzio - NOAA Federal](mailto:cindy.tribuzio@noaa.gov)will plan on shipping a 1 gallon bag Week of Feb 20 after checking with Dan on timing

Timelines Notes

* AFSC budget still unavailable, fingers crossed
* Bruce suggests an interagency agreement, should be easy (they do it with USGS, but Cindy has gotten pushback

Action items

* [~~Cindy Tribuzio - NOAA Federal~~](mailto:cindy.tribuzio@noaa.gov)~~will dig in more about interagency agreement~~
* [~~Cindy Tribuzio - NOAA Federal~~](mailto:cindy.tribuzio@noaa.gov) ~~will look into passing funds through USGS….Yumi?~~
* [Cindy Tribuzio - NOAA Federal](mailto:cindy.tribuzio@noaa.gov) will explore PSMFC option and brainstorm ideas