Soil and Wood Sample Sites Metadata

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Please revise and fill in as much information as possible. Fields highlighted in yellow must be completed.

The information in this document will be used to create the EML of the data package to be published on the [Environmental Data Initiative (EDI) repository](https://portal.edirepository.org/nis/home.jsp).

## 1. Data Package Title

Palmyra Atoll soil and wood density sampling locations used in the carbon storage analysis

## 2. Dataset Title

2009\_2016\_soil\_wood\_samples\_location\_plamyra

## 3. Abstract

*Please provide an abstract specifically of the dataset. This is different from the abstract of an associated publication. Include what, why, where, when, and how*

[See example here](https://docs.google.com/document/d/1KdHJObHl5Bxxr9t0LISTwX0cCSVvx7NPUjz5T_P9JEc/edit)

## 4. Creators

*These are the people who will show up as authors in the dataset citation. These are the individuals who have provided intellectual or other significant contributions to the creation of this dataset.* ***Please add a row with the information of each individual that should be part of the authorship of this dataset.***

**We highly encourage you to create an ORCID if you don’t already have one.**  [Find more information here](https://info.orcid.org/what-is-orcid/).

| **First Name** | **Middle Initial** | **Last Name** | **Organization** | **e-mail address** | **ORCID ID** |
| --- | --- | --- | --- | --- | --- |
| Kate |  | Longley-Wood | The Nature Conservancy | kathryn.longley-wood@tnc.org |  |
|  |  |  |  |  |  |

## 5. Other personnel names and roles

*Who should a data user contact with questions about this data?* *There must be at least one person or organization name to serve as the contact for this dataset.* *You may also list other personnel who participated in the project (such as field crew, lab tech, data entry, etc.) in this table with optional fields e-mail addresses, organization, and ORCID ID.*

**We highly encourage you to create an ORCID if you don’t already have one.** [Find more information here](https://info.orcid.org/what-is-orcid/)

| **First Name** | **Middle Initial** | **Last Name** | **Organization** | **e-mail address** | **ORCID ID** | **Role in project** |
| --- | --- | --- | --- | --- | --- | --- |
| Kate |  | Longley-Wood | The Nature Conservancy | kathryn.longley-wood@tnc.org |  | contact |
|  |  |  |  |  |  |  |

## 6. License

***Please highlight*** *the license for the release of your data. Click on the license name for more information.*

[CCO](https://creativecommons.org/publicdomain/zero/1.0/)

**Recommended**. The easier you make it for people to reuse your data, the more likely it is that your data will be reused.

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## 7. Keywords

*Using keywords from a controlled vocabulary (CV) will improve your data's future discovery and reuse. The LTER CV is a good source for keywords. Access the* [*LTER CV here*](https://vocab.lternet.edu/vocab/vocab/index.php)*. Also, please determine one or two keywords that best describe your lab, station, and/or project (e.g., Trout Lake Station, NTL LTER).). Add as many rows to this table as needed*

| **Keywords** |
| --- |
| Palmyra Atoll |
| Wood Samples |
| Soil Sample |
|  |
|  |
|  |

## 8. Funding of this work

*List only the main PI of a grant that supported this project, first starting with the main grant. Add rows to the table if several grants were involved.*

| **PI First Name** | **PI Middle Initial** | **PI Last Name** | **PI email** | **PI ORCID ID** | **Title of Grant** | **Funding Agency** | **Funding Identification Number** |
| --- | --- | --- | --- | --- | --- | --- | --- |
| PI name here |  |  |  |  |  |  |  |

## 9. Timeframe

| **Information** | **Description** |
| --- | --- |
| Begin date | 2016 |
| End date | 2019 |
| Is data collection ongoing or completed? | Completed |

## 10. Geographic location

*Use decimal degrees to define a point or a bounding box.* ***Copy this block to add multiple points or areas.*** Every point you add will be displayed on a map once the data package is published. [See Example here](https://portal.edirepository.org/nis/mapbrowse?scope=knb-lter-sbc&identifier=108)

**Verbal description:** Palmyra Atoll

| **Directions** | **Coordinate** |
| --- | --- |
| Northbound | 5.88333 |
| Southbound | 5.87100 |
| Eastbound | -162.04300 |
| Westbound | -162.08300 |

## 11. Methods

*Be specific about the study design and field and lab methods for collecting and processing the data. Include instrument descriptions and protocol citations.*

Find an example [in this link](https://docs.google.com/document/d/1KdHJObHl5Bxxr9t0LISTwX0cCSVvx7NPUjz5T_P9JEc/edit)

## 12. Data Provenance

*Is this data derived from other data? If so, you will want to document this information so users know where this data came from. Please specify the source datasets used in the below provenance table, preferably with their DOI or URL. An example of a dataset derived from several others is here.*

| **Dataset title** | **Dataset DOI or URL** | **Creator Name** | **Contact Email** |
| --- | --- | --- | --- |
| data title here |  |  |  |
|  |  |  |  |

## 13. Data Table

Each row in the below table describes one column in your data table. Complete each row as follows:

* **Description:** Please give a specific definition of the column name. This can be lengthy.
* **Unit:** Identify units for all numeric variables. All rows where there is an \* under the unit column must be filled in with a unit.
* **Date format:** Please tell us exactly how the date and time is formatted: e.g., mm/dd/yyyy hh:mm:ss, plus the time zone and whether or not daylight savings was observed. ISO date format of YYYY-MM-DD or YYYY-MM-DD hh:mm:ss is preferred.
* **Missing value code:** If a code for ‘no data’ is used, please specify: e.g., -99999, NA
* **Missing value code Explanation:** Why are these values missing? e.g., value not available, value not recorded.
* **Table name:** (Add a short name for this table)
* **Table description:** (Add brief description of table contents)

| **attributeName** | **attributeDefinition** | **class** | **unit** | **dateTimeFormatString** | **missingValueCode** | **missingValueCodeExplanation** |
| --- | --- | --- | --- | --- | --- | --- |
| type |  | categorical |  |  |  |  |
| grain |  | categorical |  |  |  |  |
| origin |  | categorical |  |  |  |  |
| lat |  | numeric | \* |  |  |  |
| long |  | numeric | \* |  |  |  |
| island |  | character |  |  |  |  |
| name |  | character |  |  |  |  |
| dbd |  | numeric | \* |  |  |  |
| org\_c\_per |  | numeric | \* |  |  |  |
| species |  | categorical |  |  |  |  |
| x |  | numeric | \* |  |  |  |
| y |  | numeric | \* |  |  |  |
| crown\_ras |  | categorical |  |  |  |  |
| com\_ras |  | categorical |  |  |  |  |
| type\_ras |  | categorical |  |  |  |  |
| sample\_yr |  | numeric | \* |  |  |  |
| org\_c\_bin |  | categorical |  |  |  |  |
| dbd\_avg |  | numeric | \* |  |  |  |
| geometry |  | character |  |  |  |  |

## 14. Attributes code

*If you use codes in your column, please define each code in the following table.* ***Fill in only if necessary***

*If you have an additional file (table) with the codes in your dataset, you can send us the file instead of filling in this table*

## $catvars\_2016\_and\_2019\_soil\_wood\_samples\_loc.txt  
## NULL

| **attributeName** | **code** | **definition** |
| --- | --- | --- |
| com\_ras | Cocos |  |
| com\_ras | Cocos/Heliotropium |  |
| com\_ras | Heliotropium-Scaevola |  |
| com\_ras | Hibiscus |  |
| com\_ras | Lepturus-Fimbristylis |  |
| com\_ras | Pandanus |  |
| com\_ras | Pisonia |  |
| com\_ras | Pisonia/Heliotropium |  |
| com\_ras | Scaevola-Heliotropium |  |
| crown\_ras | Bare Ground |  |
| crown\_ras | Cocos nucifera |  |
| crown\_ras | Heliotropium foertherianum |  |
| crown\_ras | Hernandia nymphaeifolia |  |
| crown\_ras | Hibiscus tiliaceus |  |
| crown\_ras | Pandanus tectorius |  |
| crown\_ras | Pisonia grandis |  |
| crown\_ras | Scaevola sericea |  |
| crown\_ras | Terminalia catappa |  |
| grain | Lagoon |  |
| grain | Leeward |  |
| grain | Windward |  |
| org\_c\_bin | High |  |
| org\_c\_bin | Low |  |
| org\_c\_bin | Med |  |
| origin | Man-made |  |
| origin | Manmade |  |
| origin | Natural |  |
| species | Cocos |  |
| species | Heliotropium |  |
| species | Hibiscus |  |
| species | Mixed |  |
| species | Pandanus |  |
| species | Pisonia |  |
| species | Scaevola |  |
| type | Hetero |  |
| type | Homo |  |
| type\_ras | Hetero |  |
| type\_ras | Homo |  |

## 15. Scripts/code (software)

*List any software scripts/code you would like to archive along with your data. These may include processing scripts you wrote to create, clean, or analyze the data.*

| **Filename** | **Description** | **Scripting language** |
| --- | --- | --- |
| file name here |  |  |

## 16. Other objects (misc.)

*List any other objects (e.g., .zip, .pdf, etc.) you would like to archive.*

**Note:** At the moment, we are not including any photographic data.

| **Filename** | **Description** | **Data type** |
| --- | --- | --- |
| file name here |  |  |

## 17. Articles

*List articles citing this dataset*

| **Article DOI or URL (DOI is preferred)** | **Article title** | **Journal title** |
| --- | --- | --- |
| article doi here |  |  |

## Notes, Comments, and Questions

*Please let us know if you have any additional comments or questions about your data or the EML information. THANK YOU!*