Soil and Wood Sample Sites Metadata

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9/10/2021

Please revise and fill in missing information highlighted in yellow. The information in this documet will be used to create the EML of the data packege to be published on the Environmenta Data Initiative (EDI) repository.

### Data Package Title

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

### Dataset Title

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

### Abstract

*Include what, why, where, when, and how*

|  |  |
| --- | --- |
| Information | Description |
| What | Soil and/or wood density sampling locations |
| Why |  |
| Where | Palmyra Atoll |
| When | 2009 and 2016 |
| How |  |

### 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 the information of all individulas that should be part of the authroship of this dataset*

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| First Name | Middle Initial | Last Name | Organization | e-mail address | ORCID ID |
| Kate |  | Longley-Wood | The Nature Concervancy | [kathryn.longley-wood@tnc.org](mailto:kathryn.longley-wood@tnc.org) |  |

### Other personnel names and roles

*Who should a data user contact with questions about these 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.*

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| First Name | Middle Initial | Last Name | Organization | e-mail address | ORCID ID | Role in project |
| Kate |  | Longley-Wood | The Nature Concervancy | [kathryn.longley-wood@tnc.org](mailto:kathryn.longley-wood@tnc.org) |  | contact |

### License

Select a license for release of your data.

[CCO – most accommodating of data reuse](https://creativecommons.org/publicdomain/zero/1.0/)

or

[CCBY – requires attribution](https://creativecommons.org/licenses/by/4.0/)

You want your data to be published under:

### Keywords

*Using keywords from a controlled vocabulary (CV) will improve the future discovery and reuse of your data. 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*

|  |
| --- |
| Keyword |
| Palmyra Atoll |
| Wood Samples |
| Soil Samples |
|  |
|  |
|  |
|  |
|  |
|  |

### Funding of this work

*List only the main PI of a grant that supported this project, starting with the main grant first. 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 |  |  |  |  |  |  |  |

### Timeframe

|  |  |
| --- | --- |
| Information | Description |
| Begin date | 2016 |
| End date | 2019 |
| Data collection ongoing or completed? | Completed |

### Geographic location

*Use decimal degrees to define a point or a bounding box. Copy this block to add multiple points or areas.*

**Verbal description:** Palmyra Atoll

|  |  |
| --- | --- |
| Direction | Coordinate |
| North bound | 5.88333 |
| South bound | 5.871 |
| East bound | -162.043 |
| West bound | -162.083 |

### Methods

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

### Data Provenance

*Were these data derived from other data? If so, you will want to document this information so users know where these 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* and *Contact E-mail*

### 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
* **Missing value code Explanation:** Why are this calues missing? e.g: value not available, value not recorded.
* **Table name:** (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 |  |  |  |  |

### Attributes code

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

## $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 |  |

### 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.*

File name Description Scripting language

|  |  |  |
| --- | --- | --- |
| File name | Description | Scripting language |
| file name here |  |  |

### Other objects (misc.)

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

|  |  |  |
| --- | --- | --- |
| File name | Description | Data type |
| file name here |  |  |

### Articles

*List articles citing this dataset*

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

### Notes and Comments