Principles and Governance

**Note: I changed the links that navigate to an external page so that they open in a new tab.**

reducing uncertainty in a coastal carbon science issue -> reducing uncertainty in coastal carbon science issues

* **Contents: Because the page ends after the last line of text, the last four hyperlinks (**[**Steering Committee Membership**](file:///C:\Users\klingesd\Desktop\KlingesD\GitHub\CCRCN-Public-Comment\docs\index.html#steering-committee-membership)**,** [**Data Synthesis Workshops**](file:///C:\Users\klingesd\Desktop\KlingesD\GitHub\CCRCN-Public-Comment\docs\index.html#data-synthesis-workshops)**,** [**Coauthorship Policy**](file:///C:\Users\klingesd\Desktop\KlingesD\GitHub\CCRCN-Public-Comment\docs\index.html#coauthorship-policy)**,** [**Data Use Policy**](file:///C:\Users\klingesd\Desktop\KlingesD\GitHub\CCRCN-Public-Comment\docs\index.html#data-use-policy)**) all effectively link to the same location in the page. Perhaps we should add some blank space after the end of the text….but not a big deal by any means**

**I like the Return to Top links, avoids a lot of unnecessary scrolling**

Core Principles:

* comma after “state of the science.” I changed to period.
* **We should stylize: bigger font, italics. This can be a change made later on, when these pages are integrated into the website.**

Defined Roles and Responsibilities

* **“people with official Smithsonian affiliations who work on Network-related tasks”: will personnel always be official SI affiliates?**
* consultations, town halls, twitter… -> consultations, town halls, Twitter…..

Steering Committee Membership

* The steering committee will vote on replacements with members stepping down helping to choose their replacement. -> The steering committee will vote on replacements, and ~~with~~ members stepping down will help ~~helping~~ to choose their own replacement.

Data Synthesis Workshops:

* Network personal -> Network personnel.
* Potential collaborators can [propose a workshop, or apply to participate in workshop](https://serc.si.edu/coastalcarbon/working-group-application). -> Potential collaborators can [propose a workshop, or apply to participate in workshop](https://serc.si.edu/coastalcarbon/working-group-application)s.

Coauthorship Policy

* Those accepted to participate in any of the the five synthesis workshops -> Those accepted to participate in any of the ~~the~~ five synthesis workshops
* …hosted by the Network will be expected to contribute…and to be granted co-authorship on puplications resulting from the effort. -> …hosted by the Network will be expected to contribute…and ~~to~~ will be granted co-authorship on publications resulting from the effort
  + (I understand that this was written as such to maintain parallel structure, but “will be expected to be granted co-authorship” seems a little weird. We expect them to contribute, and will grant them co-authorship. Could be changed to “will be expected to contribute…and contingent upon this, will be granted co-authorship…” as well.)

Data Management Plan

Contents:

* Variables link is broken
* Standardize capitalization: Metadata standards -> Metadata Standards

Types of Data

* …but the original data submitter, and funding sources… -> …but the original data submitter <remove comma> and funding sources…
  + (or alternatively, add a comma after “funding sources”)
* Data that we ingest will include both data we curate, and data from any… ->

Data that we ingest will include both data we curate <remove comma> and data from any…

* The workflow and files will be archived and publically available -> “publically” is indeed accepted by most dictionaries, but “publicly” is the more common spelling (and pronunciation)
* an SI-dedicated GitHub website -> an SI-managed GitHub website (perhaps?)

Digital Object Identifiers

* As a service to the community Network personell can will be available to assist…  -> As a service to the community Network personnel ~~can~~ will be available to assist...
* **Change Figshare and EDI links to open in new tab**
* **Weird symbols in some of the text (see markdown docs)**
* Submitters also have the option to also host data on an SI server -> Submitters also have the option to ~~also~~ host data on an SI server
* and Network personel credited for their curational role ->  and Network personnel credited for their curatorial role
* Landing pages with summaries of projects, sites, cores, will be viewable on Dspae… -> Landing pages with summaries of projects, sites, and cores <remove comma> will be viewable on Dspace…
  + To clarify: the comma between “sites” and “cores” is the Oxford comma, which we agreed that we are in support of. The comma after “cores,” however, is unnecessary: <https://english.stackexchange.com/questions/340209/is-there-a-comma-after-a-list-with-an-oxford-comma>

Metadata standards -> Metadata Standards

* This includes an abstract, detailed submitor information… -> This includes an abstract, detailed submitter information…
* I changed the link for EML to open in a new tab. May do this in other locations as well

Attribute Names

* **Link in footnote**
* We will reccomend and adopt -> We will recommend and adopt
* For some variables which typically have commonly reported units we will recommend submittors format using these controlled units -> For some variables ~~which~~ that typically have commonly reported units we will recommend submitters format using these controlled units
* For attributes that are applicable to the synthesis, but typically have multiple common unit formats we recommend an accompanying column defining these units ->

For attributes that are applicable to the synthesis, but typically have multiple common unit formats, <insert comma> we recommend an accompanying column defining these units.

* Uncommon or data types not included in synthesis projects simply need to have units defined in associated metadata. -> Uncommon data types, or data types not included in synthesis projects, <insert comma> simply need to have units defined in associated metadata.
* **Fix weird symbols**
* We adopt the R-based convention  ->  We have adopted the R-based convention

Proposed Level of Disaggregation

* For age-depth information will archive radiocarbon (14C) age ± sd for a sample for 14C dates, and counts per unit dry weight ± sd for 210Pb and 137Cs profiles. -> For age-depth information we will archive radiocarbon (14C) age ± sd ~~for~~ of a sample for 14C dates, and counts per unit dry weight ± sd of a sample for 210Pb and 137Cs profiles.

Hierarchical Structure

* then the publicatin year ->  then the publication year
* Capitol letters will be added - Capital letters will be added
* **…will be added in case of multiple publications per year (Example: Jane Doe, Lee Fakeman and Ben Mademup’s 2009 paper = Doe\_et\_al\_2009)….I’m confused by this. Aren’t all of the entries capitalized? Or no?**
* …best practices for variable naming, not starting with a number, descriptive, brief, and meaningful to project documentation and design. -> …best practices for variable naming: <insert colon> not starting with a number, descriptive, brief, and meaningful to project documentation and design. This edit should be made for Sites and Core/Plot/Instrument-Level Data

Data Storage

* Submissions that are received in other formats, such Microsoft Excel files will be edit-locked and archived as submission documents -> Submissions that are received in other formats, such Microsoft Excel files, <insert comma> will be edit-locked and archived as submission documents

Quality Control

* and relay any concerns with the data submitter during the curation process. -> and relay any concerns ~~with~~ to the data submitter during the curation process.
* We will also write scripts to check data type, that values for each attribute are in defined bounds if applicable (such as 0 to 1 for fractions), to check for completeness, and to ensure there are no conflicts or duplicates with previously archived data. -> We will also write scripts to check data type, to check that values for each attribute are in defined bounds if applicable (such as 0 to 1 for fractions), to check for completeness, and to ensure there are no conflicts or duplicates with previously archived data.

Submitting Data

* please email [CoastalCarbon@si.edu](mailto:CoastalCarbon@si.edu) and CCRCN personel -> please email [CoastalCarbon@si.edu](mailto:CoastalCarbon@si.edu) and CCRCN personnel

Database Structure and Vocabulary

Overview

* This page serves as guidence for the types and scope -> This page serves as guidance for the types and scope
* as part of the Coastal carbon RCN’s -> as part of the Network’s
* We propose the following data structure, standardized attribute names for metadata and data ->  We propose the following data structure <remove comma> and standardized attribute names for metadata and data
* in order to make datasets machine readable and interoperable ->  in order to make datasets machine-readable and interoperable
* Each sub-heading lists a level of metadata -> Each subheading lists a level of metadata
  + To remain consistent with following sentence
* at which carbon relevant information is housed -> at which carbon-relevant information is housed
* These averages can be derrived from the database -> These averages can be derived from the database
* Flags are very machine readable but not very flexable -> Flags are very machine-readable but not very flexible
* These are more flexable from the perspective of a submitter but are less machine readable -> These are more flexible from the perspective of a submitter but are less machine-readable

Development Process to Data

* This guidence is the culminations of three efforts -> This guidance is the culminations of three efforts
* [A meeting of 47 expert in Menlo Park, CA in January 2016](https://www.carboncyclescience.us/news/global-science-and-data-network-coastal-blue-carbon-workshop-completed) -> [A meeting of 47 experts in Menlo Park, CA in January 2016](https://www.carboncyclescience.us/news/global-science-and-data-network-coastal-blue-carbon-workshop-completed)
* on an [initial draft of these reccomendations](https://smithsonian.github.io/CCRCN-Public-Comment/index.html) put up for public comment in May and April 2018 -> on an [initial draft of these recommendations](https://smithsonian.github.io/CCRCN-Public-Comment/index.html) put up for public comment in April and May 2018

Ongoing and Future Development

* do not want to imply >100 attribtues are manditory -> do not want to imply >100 attributes are mandatory
* your answers to a questionaire about your dataset -> your answers to a questionnaire about your dataset
* CCRCN personel will accept and archive related -> CCRCN personnel will accept and archive related
* outside the outlined guidence -> outside the outlined guidance
* If attributes or variables become commonly submitted and there is community coordination behind their inclusion, they could be integrated into periodic updates to this guidence -> If attributes or variables are submitted often and there is community coordination behind their inclusion, they could be integrated into periodic updates to this guidance
* We anticipate that this guidence will evolve -> We anticipate that this guidance will evolve
* to revisit this guidence  -> to revisit this guidance
* Several other “guidence” spellings. Will fix all.
* If in the future there ends up being more than one acceptable redundent attribute or variable name -> If an attribute or variable name ends up with more than one acceptable redundant term,

Study Level Metadata

* as well as the second author’s… -> as well as the second author’s family name…
  + change throughout
* if more than three, then publication year spearated by underscores. -> if more than three, then publication year separated by underscores.
  + change throughout
* correct spelling of personnel throughout

Authors

* Specifying author names will allow user’s ->  Specifying author names will allow users

Funding Sources

* Your funders will love being aknowledged -> Your funders will love being acknowledged
* Any other submitter generated notes about the project funding -> Any other submitter-generated notes about the project funding

Associate Publications

* Submitter’s can simply add a bibtex style citation -> Submitters can simply add a bibtex style citation
* if more convinient thank Bibtex formatting -> if more convenient than Bibtex formatting
* The names of the author separated by and -> The names of the author separated by “and”

Materials and Methods

* low carbonate soil = Organic carbon fraction were measured without removing ->  low carbonate soil = Organic carbon fraction was measured without removing
* predict fraction carbon as a funciton of fraction organic  -> predict fraction carbon as a function of fraction organic (make change throughout)
* Each sample presented was measured using Elemantal Analysis -> Elemental Analysis
* no details = No additional details were provided regarding fraction carbon methodologies.
* depth assymptote was assumed to be the background level of the core. -> depth asymptote was assumed to be the background level of the core (also misspelled as asymtote)

Core Data

* Code indicating how elevationwas determined -> Code indicating how elevation was determined
* Vegetation method:   
  Indicate whether salinity\_class was determined using a field observation or a measurement -> change to vegetation\_class
* Indicate whether inundation\_classwas determined using a field observation or a measurement -> Indicate whether inundation\_class was determined using a field observation or a measurement
* measurement = Inundation class assesed from elevation and nearby tidegauge or other similar method. -> measurement = Inundation class assessed from elevation and nearby tide gauge or other similar method.
* Any relevant submitter generated notes on how elevation was determined -> Any relevant submitter generated notes on how inundation was determined

Soil Depth Series

* The isotopic signiture  -> The isotopic signature

Multiple Species Conditions…

* Domiant Species Present -> Dominant Species Present (also correct in Contents)
* Code associated with a species or a vegetation assembelage -> Code associated with a species or a vegetation assemblage

Study Level Species Table (add Return to Top link)

Submitter Defined Attributes and Definitions

* Part of the reason we controll these attribute -> Part of the reason we control these attribute
* However we know that research is complicated ->  However, <insert comma> we know that research is complicated
* Other Attributes and variables -> Other Attributes and Variables
* follow good naming practices: self descriptive -> follow good naming practices: self-descriptive
* Numberic values should have their units defined ->  Numeric values should have their units defined