

Meta Data of Marine Research Protocol

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Executive Summary

Introduction

Protocol for Data Input

General Guide

- No accents
- Entries can be in both Spanish and English (except stated otherwise)

About the Metadata fields

All fields x possible things:

1. They can be *mandatory* or *optional*
2. They can be *fixed* values or open *section*
 - Fixed: the inputs are part of a select group and no other value is allowed.
 - Open: Inputs can be whatever the author decides
3. There could be *multiple values* or a *single one*

Metadata Fields

MMID

- Mandatory / Fixed / Single

This is the ID of each data entry. It is important to input this number correctly after the last data point to keep consistency.

Short Title

- Mandatory / Open / Single

Short informative title of the dataset. There are no limitations on the number of words but please make it short.

Example

Shark Survey in the Pacific Coast between 1990-2000. *Original dataset title:* Shark Survey in the Mexican Pacific Coast, between Oaxaca and Chiapas State using georeference devices between 1990-2000

Keywords

- Mandatory / Open / Multiple / Spanish

Words in spanish that best describe the subject or/and dataset. These words will be useful to search data. There is no words limitation. Can be both words and numbers.

Special Situation: When a row contains more than one datasets the keywords must have all the datasets available in the repository.

Example

For a “normal” row, the keywords could look something like this: Pescado; Tuna; Pescador; Esfuerzo; Sinaloa; Temperatura; Mapa; 1:250000

Special Situation: For

Author

Author of the dataset responsible for giving support on the dataset. Mandatory - In case there is none, whoever is uploading the data should be the “author”

Example

Andres Cisneros; a.cisneros@oceans.ubc.ca

Institution

Institution or organization associated with the author. Not mandatory

Example

University of British Columbia

Dataset Available

Is the dataset publically available for anyone to use? Mandatory 1. Yes, it is public and of easy access a. A dataset that lives on a webpage and you can download from it 2. Yes, it is public domain. However, is not directly available or has some type of limitation (nationality, request, etc.) a. A public dataset that you need to file in a request to have access 3. No, it is a private dataset a. A fisherman cooperative sampling data

Subject Name

Common species name, if known; otherwise, subject studied. Mandatory • Limited to 2 words • Has to be in Spanish

Example

Atrina maura, Tuna, shark, callo de hacha, panga, pH, Sinaloa

Area

The broader category of where the data was generated. Options are fixed but can't be multiple selection. Mandatory. • National (When data applies for the whole country) • Atlantic Ocean • Pacific Ocean • Freshwater/Terrestrial (When data is related to freshwater and or land ecosystems)

Region

A less broad location of the data (if possible). Options are fixed and can be multiple. Not mandatory • Gulf of California • Northwest Pacific • South Pacific • Gulf of Tehuantepec • Yucatan Peninsula / Mar Caribe • West Gulf of Mexico.

Location

The more specific level of data localization. It can range from a specific state to georeferenced data. It is an open category with no limitations. Not mandatory

Example

Laguna de Altata, Western Pacific of Baja California Sur, Shape file, Georeferenced.

Start and End Year

The Starting year and end year of the time series. Mandatory

Temporal Resolution

What is the temporal resolution of the data? Fixed values. Mandatory • Annual • Monthly • Semester • Weekly • Daily • Seconds

Data Time Points

This section refers to the amount of data points available in the dataset. It is related to the start and end year.

Example

The dataset start year in 2010, the end year is 2015 and the frequency is yearly. However, there is only 3 data points because data from 2012 and 2013 are missing.

Unit Type

Definition

They type of unit used. Fixed Values - Area - Size - Weight - Values - Counts - Index - Temperature - Concentration - pH - Depth

Spatial Resolution

Definition

What is the spatial resolution of the data ### Example It could be a “state”, it could be coordinates.

Dataset Title

Definition

Original name of dataset (the data specifically, not the source or repository where it was published). ### Example - Producción Annual de Octopus Nei. - PARTICIPACIÓN DE LA ACUACULTURA EN EL VALOR DE LA PRODUCCIÓN PESQUERA NACIONAL - Personal Ocupado en el Sector Pesca

This are all datasets that are found inside the Anuario Estadístico de Acuicultura y Pesca 2013

Compilation Title

Definition

Name of the document or repository where data is presented ### Example - FAO fisheries quantity - Anuario Estadístico SAGARPA - Censo Poblacional de INEGI

This are all mayor aggregations/spurces of data ##Publication Year ### Definition Year in which the dataset was published ### Example 1998 ##Reference Link or address of where the data can be found

Example

www.repositoryonlinewheredatalives.com or Meta-dataset

Available in Metadata

If the data is or not part of the Meta-dataset data repository

Metadata Name

In case the data set is in the Meta-data, then what's the name of it?

User Contact

Name and email of person who identified and/or added the data to the Metadata

Institution Type

The type of institution that generated the dataset (corresponds to “Institution” field)

Research Fund

Who funded the data collection

Research Field

What was the main reason why the data was gathered

Social-Economic Interaction

What type of social-ecological interaction is this data an indicator for

Data-Uncertainty

What is the quality of the data?