# Appendix 1 Standardized Metadata Template

CBMP Knowledge Map, Monitoring and Research Across the Arctic

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|  |  |
| --- | --- |
| Field | Value (Including Example) |
| Title |  Caff\_Monitoring\_Coast\_points\_v1.01 |
| Dataset abstract | This dataset describes known monitoring relevant to the work of the CBMP-Coastal SG. |
| Responsible party (organisation) with contact information | **CAFF Secretariat**Borgir Nordurslod603 AkureyriIceland |
| Principal investigator | Hólmgrímur Helgason, CAFF Secretariat Hoddi@caff.is |
| Data set theme | Monitoring near Coast – points |
| Data set extent | Eyjafjörður, Iceland |
| Reference date | 31.10.2022 |
| Metadata date | 31.10.2022 |
| Resolution, reference scale or accuracy (if applicable) |   |
| Status (in process, completed) | Completed |
| Link to dataset | [To be inserted by the CAFF secretariat] |
| Key words | CBMP, CBMP Coasta |
| Version number | 1.01 (2022-10) |
| Projection | NSIDC\_EASE\_Grid\_NorthWKID: 3408 Authority: EPSG Projection: Lambert\_Azimuthal\_Equal\_AreaFalse\_Easting: 0,0False\_Northing: 0,0Central\_Meridian: 0,0Latitude\_Of\_Origin: 90,0Linear Unit: Meter (1,0) |
| Attribute fields | * **Country** [text/string, 50] (**Required**) Full name of country
* **Country\_C** [text/string, 2] (**Required**) ISO 3166-1 alpha-2 country code
* **ID** [text/string, 15] (Optional) Feature ID
* **ID\_origin** [text/string, 15] (Optional) Feature ID in source dataset
* **Src\_origin** [text/string, 5] (Optional) Reference to source dataset
* **CBMP SG** [text/string, 15] (**Required**) Marine, Coastal, Freshwater, or Terrestrial
* **FEC** [text/string, 50] Focal Ecosystem Component, See Tab In Excel Data Sheet
* **Attributes** [text/string, 255] (Optional) List of CAFF attributes (comma-separated) See Tab In Excel Data Sheet
* **ParamCAFF** [text/string, 255] (Optional) List of CAFF parameters (comma-separated) See Tab In Excel Data Sheet
* **ParamSci** [text/string, 255] (Optional) List of scientific parameters sampled
* **ProgTitle** [text/string, 100] Program Title
* **ProgObj** [text/string, 255] (Optional) Program Objectives
* **ProType** [text/string, 1] Classification of type of project, see details in table 1 below.
* **KnowlSys** [text/string, 5] Classification of which knowledge system is used, see details in table 2 below.
* **Details** [text/string, 255] (Optional) Specific Species and/or Ecosystems Monitored
* **CovGeogr** [text/string, 100] (Optional) Geographic Coverage (name of area where monitoring is taking place)
* **CovExtent** [text/string, 1] (Optional) Spatial extent, see details in table 3 below.
* **CovSTART** [text/string, 100] Start year
* **CovEnd** [text/string, 100] End year -blank if ongoing
* **Contact** [text/string, 255] Contact person/Project Leader
* **URL** [text/string, 255] (Optional) Link to relevant information
* **Contrib** [text/string, 100] Contributed by (source of information)
* **Operator** [text/string, 100] (Optional) Who performs the monitoring (e.g. Name of Research Institute)
* **Station** [text/string, 100] (Optional) Station Name
* **Latitude** [real, 23, precision 15] (**Required**) Y-coordinates of Station or Centroid as decimal degrees
* **Longitude** [real, 23, precision 15] (**Required**) X-coordinates of Station or Centroid as decimal degrees
* **Arctic Marine Area** [text/string, 100] (Optional) Comma-separated list of Arctic Marine Area that the monitoring takes place in, see details in table 4 below
* **Coastscape** [text/string, 100] (Optional) Comma-separated list of Coastscapes covered by the monitoring, see details in table 5 below
* **OtherInfo** [text/string, 255] (Optional) Other relevant information
 |
| Data sources | *
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**Symbolisation**

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| --- | --- |
| **Dataset** | **Symbol** |
| *Points* | circle 3mm, fill colour: #000000 (black), transparent stroke |
| *Polylines* | line weight: 1mm, colour: #000000 (black)break points: diamond 2mm, fill colour: #000000 (black), transparent stroke |

**Code Tables**

**Table 1. ProType codes**

|  |  |  |
| --- | --- | --- |
| **Code** | **Class** | **Description** |
| A | **Feature Project** | Long term monitoring has been running for more than 5 years and is likely to be sustained or hotspot for indigenous/hunters knowledge |
| B | **Monitoring** | Monitoring, but has been running for less than five years |
| C | **Research Project** | Research Project, has a limited duration but is of value |
| D | **Historical Project** | Monitoring or research that was conducted more than 5 years ago where data are available and that might be suitable for revisiting or for methods development |
| E | **Other projects** | All others |

**Table 2. KnowlSys (knowledge system) codes**

|  |  |
| --- | --- |
| **Code** | **Class** |
| IK | **Indigenous Knowledge** |
| SC | **Scientific** |
| HK | **Hunters Knowledge** |
| LK | **Local Knowledge** |
| CBM | **Community based monitoring** |

**Table 3. CovExtent (spatial extent) codes**

|  |  |  |
| --- | --- | --- |
| **Code** | **Class** | **Description** |
| 1 | **Local** | Exact coordinates of station |
| 2 | **Regional** | Coordinates of centroid |
| 3 | **National** | Coordinates of centroid |
| 4 | **International** | Coordinates of centroid |

**Table 4. Arctic Marine Areas**

|  |  |
| --- | --- |
| **Code** | **AMA** |
| AtlA | **Atlantic Arctic** |
| DB | **Davis-Baffin** |
| HC | **Hudson Complex** |
| AArc | **Arctic Archipelago** |
| Be | **Beaufort** |
| PA | **Pacific Arctic** |
| KL | **Kara-Laptev** |
| AB | **Arctic-Basin** |

**Table 5. Coastscapes**

|  |  |
| --- | --- |
| **Code** | **Coastscape** |
| Fj | **Fjords** |
| RES | **Rapidly Eroding Shores** |
| LBI | **Lagoons and Barrier Islands** |
| RSSC | **Rocky Shores and Sea Cliffs** |
| Est | **Estuaries** |
| LGSS | **Low Gradient Soft Shores** |
| IceF | **Ice Fronts** |