LEFE-CYBER database

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Introduction

JGOFS ➡ PROOF ➡ LEFE-CYBER

CYBER (CYcle Biogéochimiques, Environnement et Ressources) is a part of the french national program LEFE (Les Enveloppes Fluides et l'Environnement) de l'INSU

The LEFE-CYBER database is a support activity to projects that were approved by the LEFE-CYBER scientific committee

=> Collect the data

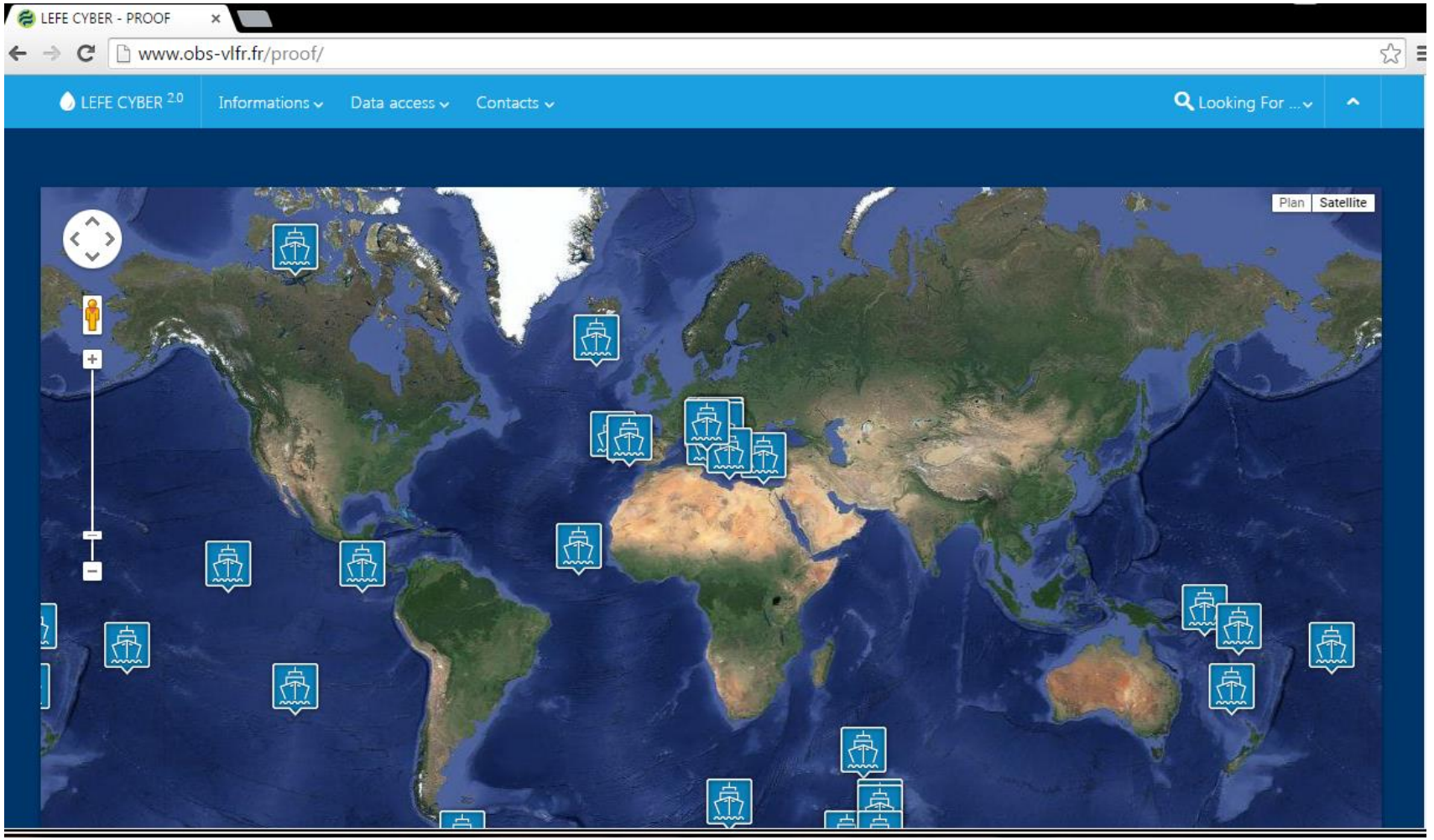
=> Archive the data

=> Make the data available for the community

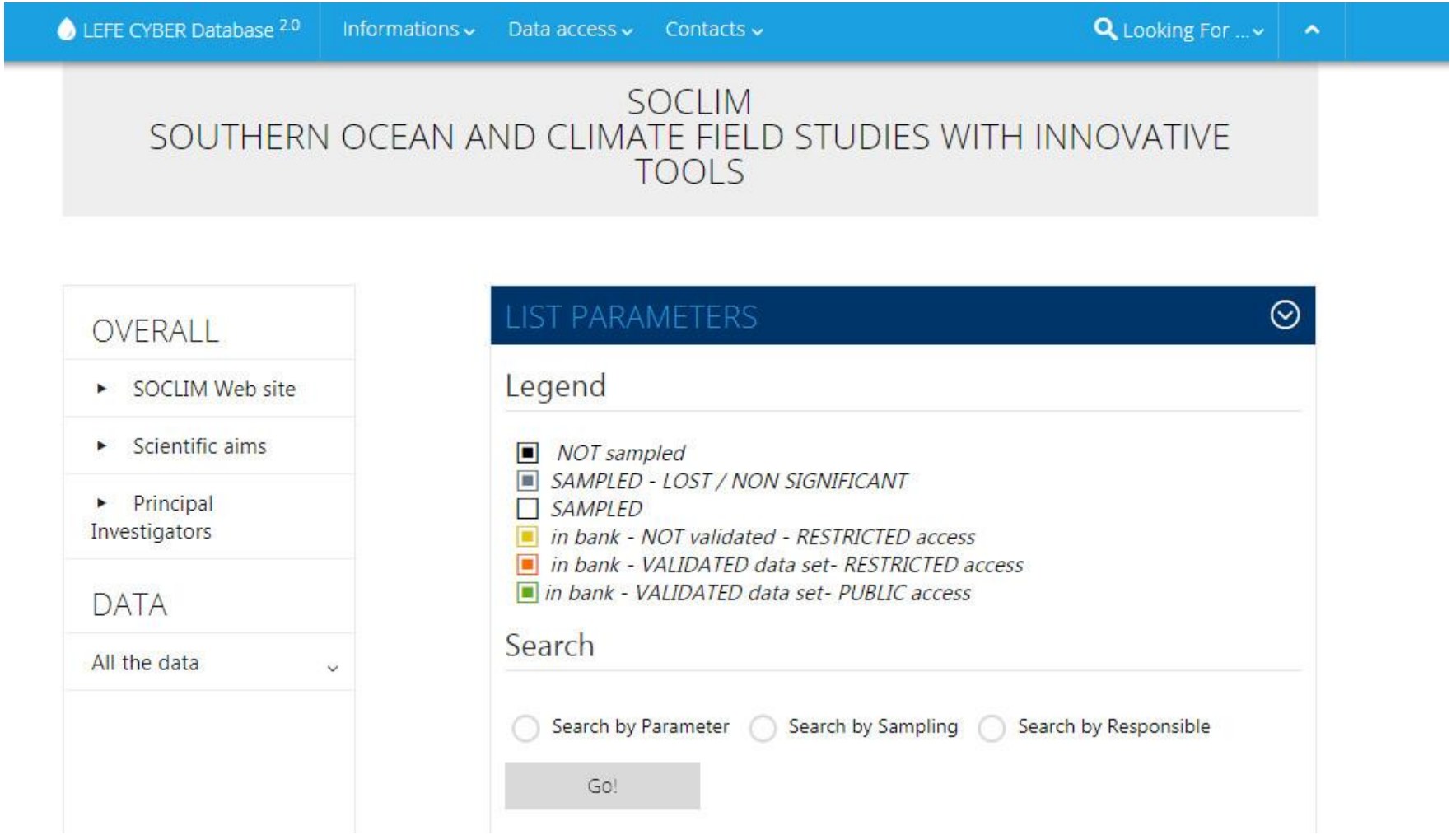
More than 30 cruises, archived since early eighties

Web site LEFE CYBER

http://www.obs-vlfr.fr/proof/



parameters(1)



parameters(2)

>> P

(no) param	method	sampling	s_f	data	fiche	resp
(2171) PAR (Photosynthetically Available Radiation)	Biospherical	In-water profiler				Blain S.
(567) Phytoplankton (Nano-) (Counts)	Flow cytometry	Rosette	-			Blain S.
(566) Phytoplankton (Pico-) (Counts)	Flow cytometry	Rosette	-			Blain S.
(44) POC	CHN	Rosette	Stock			Blain S.
(47) PON	CHN	Rosette	Stock			Blain S.
(2701) Prochlorococcus (abundance)	Flow cytometry	Rosette water sample				Blain S.
(2191) Profiles (OA)	BGC-Argo profiler	In-water profiler				Claustre H.
(2191) Profiles (OA)	BGC-Argo profiler	In-water profiler				Claustre H.

LIFE CYBER

ERDDAP

ERDDAP unifies the different types of data servers so you have a consistent way to get the data you want, in the format you want.

- **ERDDAP acts as a middleman between you and various remote data servers.**
  When you request data from ERDDAP, ERDDAP reformats the request into the format required by the remote server, sends the request to the remote server, gets the data, reformats the data into the format that you requested, and sends the data to you. You no longer have to go to different data servers to get data from different datasets.

- **ERDDAP offers an easy-to-use, consistent way to request data: via the OPeNDAP standard.**
  Many datasets can also be accessed via the Web Map Service (WMS).

- **ERDDAP returns data in the common file format of your choice.**
  ERDDAP offers all data as .html table, ESRI .asc and .csv, Google Earth .kml, OPeNDAP binary, .mat, .nc, ODV .txt, .csv, .tsv, .json, and .xhtml. So you no longer have to waste time and effort reformatting data.

- **ERDDAP can also return a .png or .pdf image with a customized graph or map.**

- **ERDDAP standardizes the dates+times in the results.**
  Data from other data servers is hard to compare because the dates+times often are expressed in different formats (for example, "Jan 2, 1985", 2 Jan 85, 02-JAN-1985, 1/2/85, 2/1/85, 1985-01-02, "days since Jan 1, 1900").
  For string times, ERDDAP always uses the ISO 8601:2004(E) standard format, for example, 1985-01-02T00:00:00Z.
  For numeric times, ERDDAP always uses "seconds since 1970-01-01T00:00:00Z".
  ERDDAP always uses the Zulu (UTC, GMT) time zone to remove the difficulties of working with different time zones and standard time vs. daylight saving time.
  ERDDAP has a service to convert a numeric time to/from a string time.

LEFE CYBER

ERDDAP

Courriel 3 sur 8

De Catherine Schmechtig
À Antoine Poteau
Date 2017-02-22 14:38

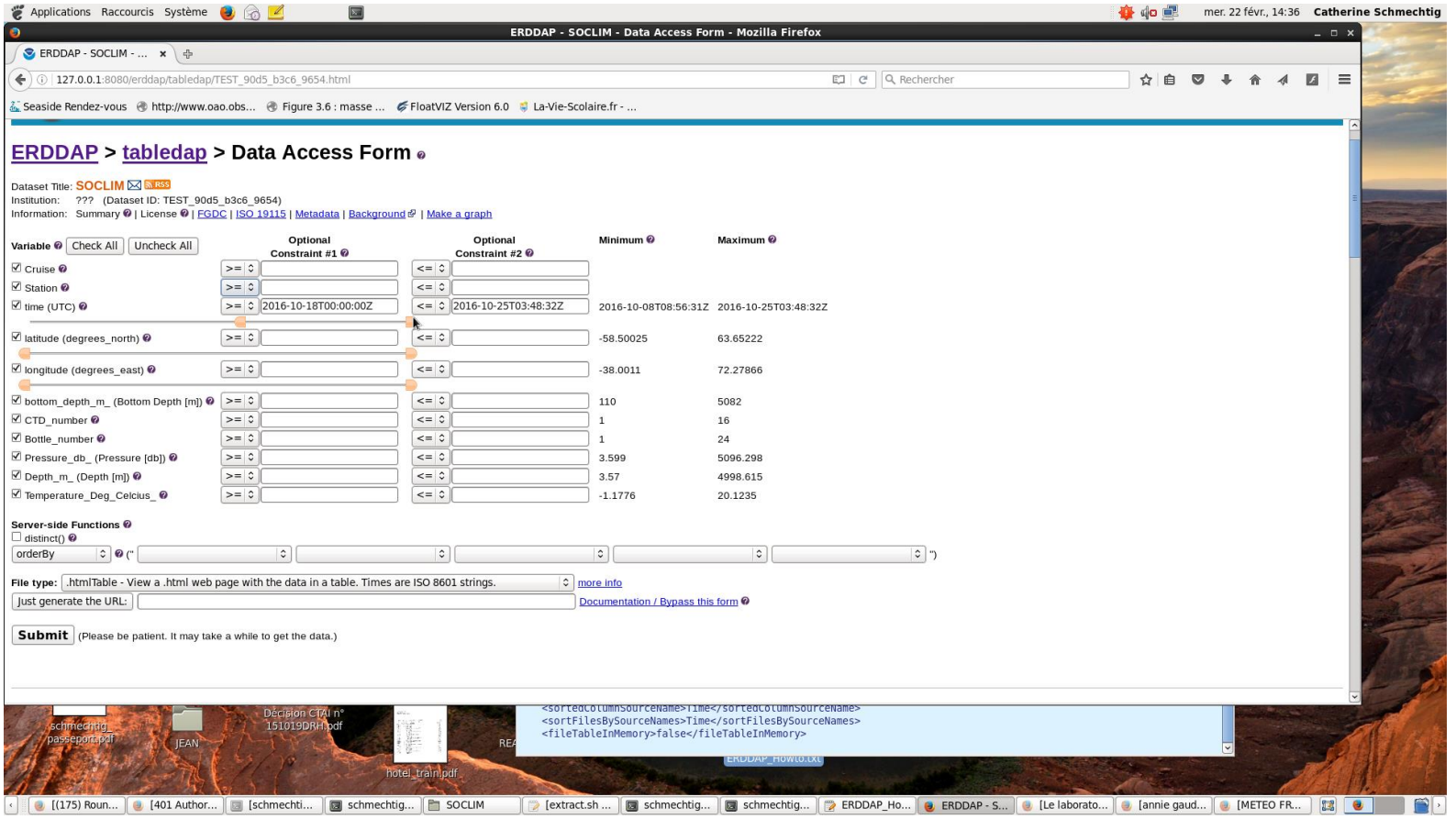
ouf

j ai reussi a faire rentrer 12 colonnes de fichier bouteille de SOCLIM dans ERDDAP !!!
bon ce n est pas gagne mais ... je progresse

--
Schmechtig Catherine

0681827411

first_soclim.png (671 ko)



https://coastwatch.pfeg.noaa.gov/erddap/search/advanced.html?page=1&itemsPerPage=1000