

Gestion de données Océan au SEDOO (Service de données de l'OMP)

Guillaume Brissebrat

3^e atelier technique Odatis – OMP – 17 octobre 2018

Le SEDOO

- Favoriser l'échange de données scientifiques via le développement d'applications informatiques
 - Gestion, traitement et archivage de données
 - Interfaces web d'accès aux données
 - Production de produits à valeur ajoutée
- Missions
 - Internationales : grands programmes multidisciplinaires (AMMA, MISTRALS), projets européens, etc.
 - Nationales : Pôles de données et de services, Services d'Observation (SO)
 - Locales : projets des laboratoires de l'OMP et du CNRM (AAP annuel)
- Plus de 30 applications en production
- Plus de 60 sites web institutionnels (projets, laboratoires, etc.)



Compétences

Compétences thématiques

- Interaction avec les équipes de recherche
- Métadonnées (ISO, OGC, INSPIRE, Thesaurus)
- Attribution de DOI (Digital Object identifier)
- Homogénéisation de données (NASA Ames, NetCDF, etc.)
- Règles d'échange des données
- Promotion des outils (ateliers projets, conférences scientifiques)
- Support utilisateurs

Compétences techniques

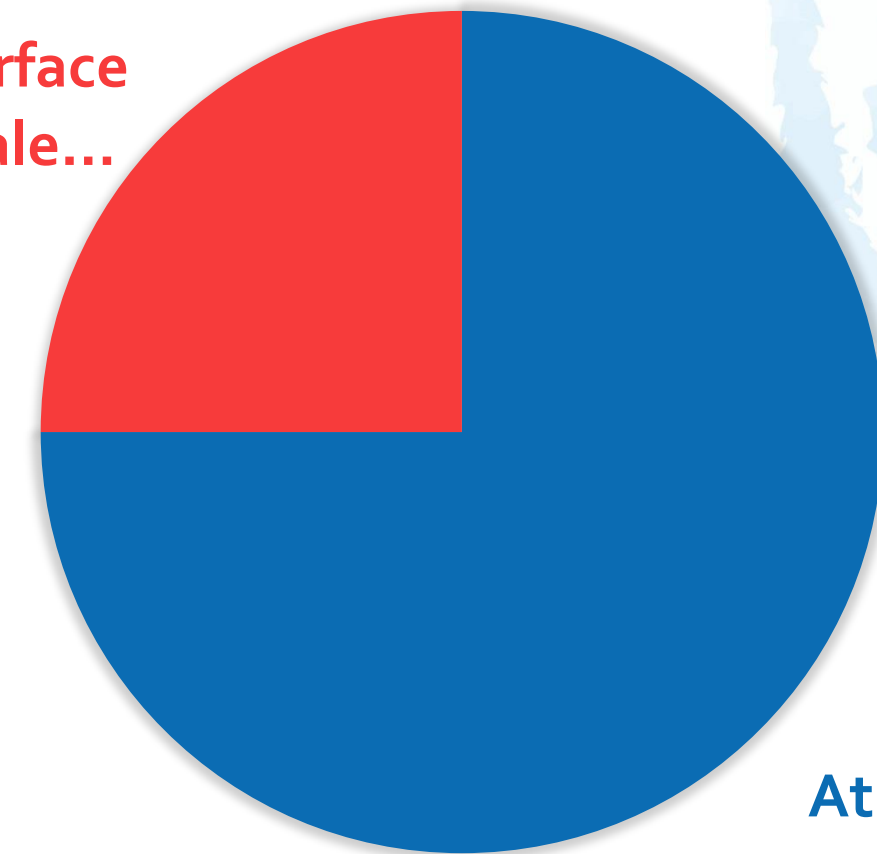
- Conception, développement et exploitation de bases de données
- Traitement de données
- Développement web, ergonomie
- Web services, interopérabilité (OpenDAP, services OGC, etc.)
- Fonctionnalités avancées (visualisation, calcul, etc.)
- Suivi des utilisateurs, suivi des accès aux données
- Outils de soutien aux campagnes (sites temps réel, prévisions)



Types de données gérées

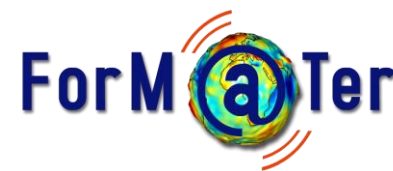
- Données *in situ* principalement
- Jeux de données hétérogènes
- Multidisciplinaires
- Volume de données faible (12 To au total)

Océan - Surface
continentale...
25%

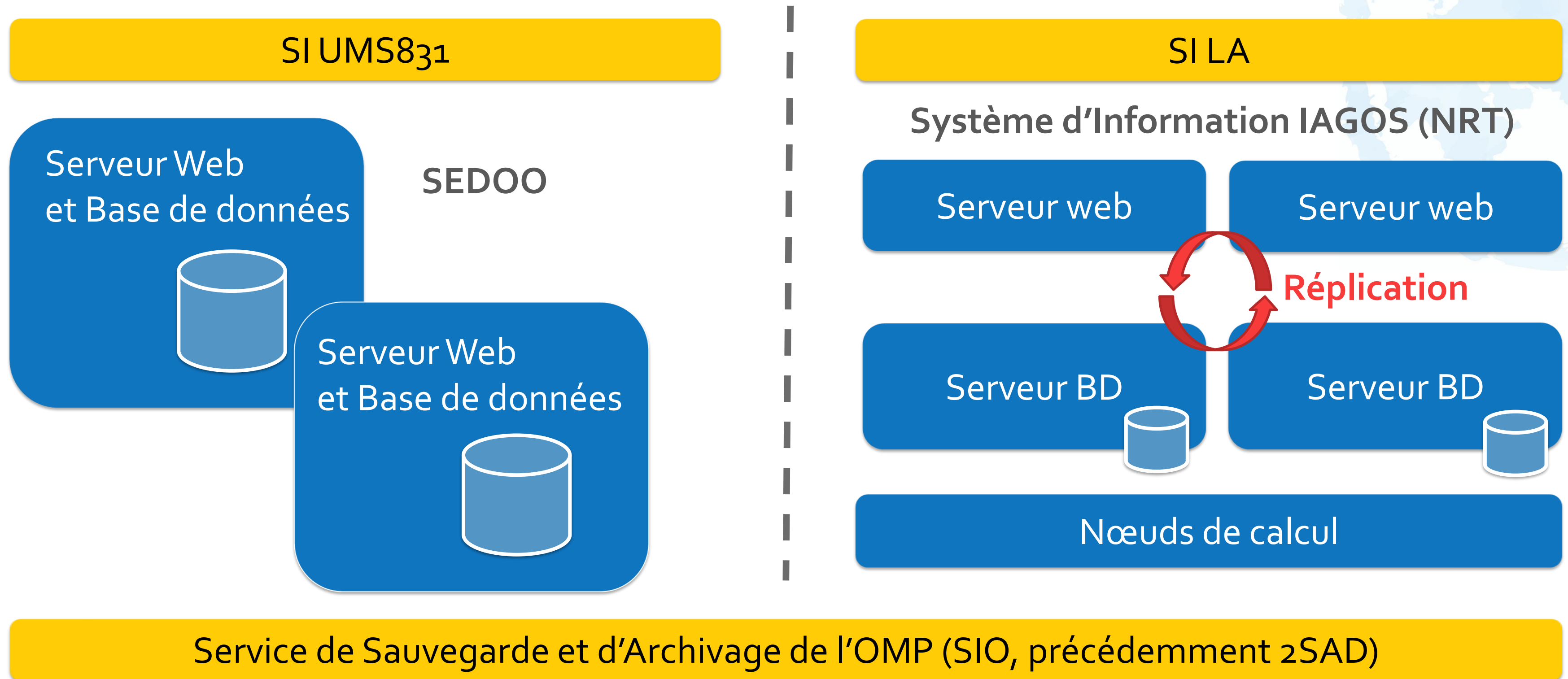


Atmosphère
75%

=> Implication (à des degrés divers) dans les 4 pôles



Infrastructure matérielle

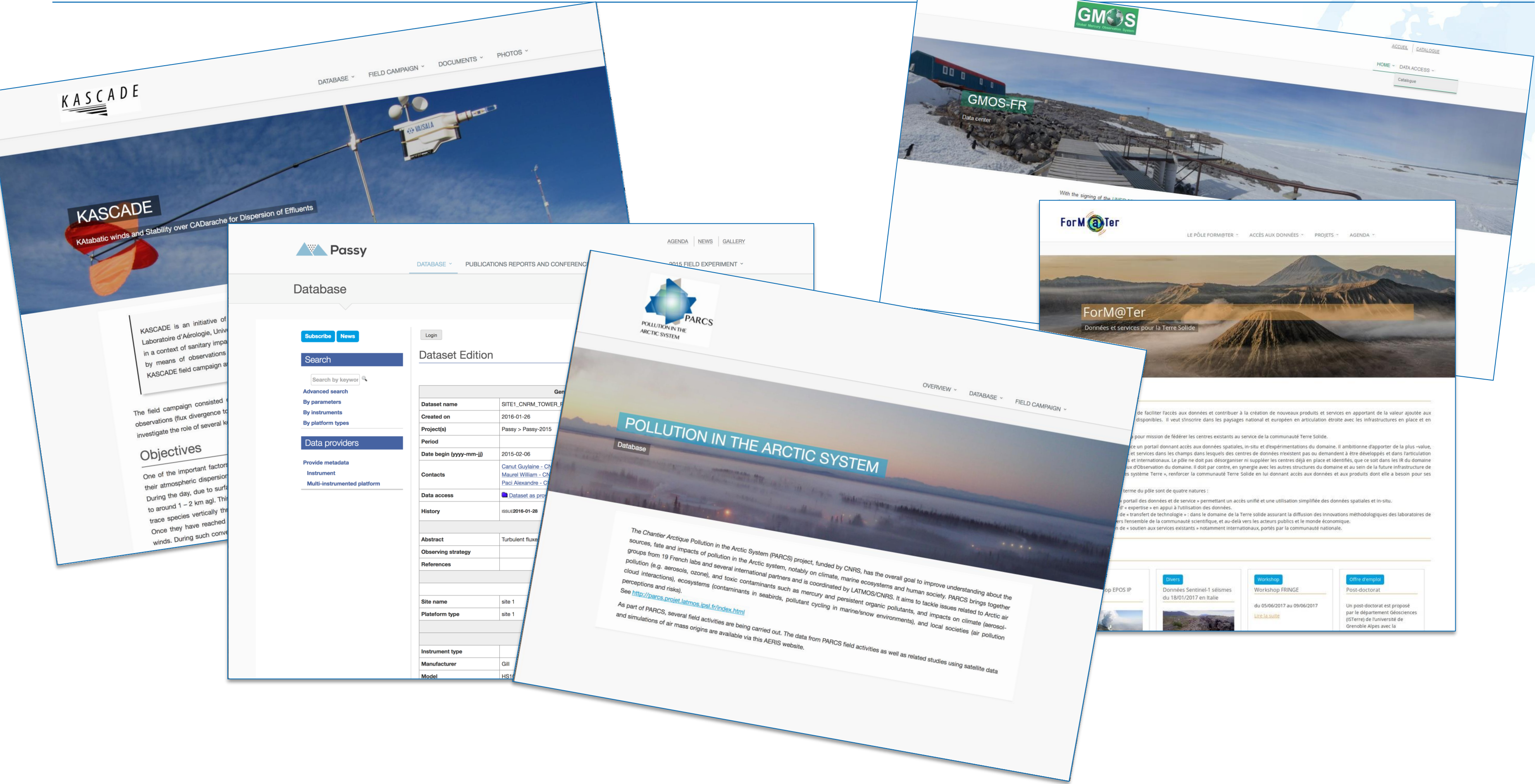


Mutualisation

- Kit « sites de suivi de campagnes » (HyMeX, ChArMEx, BLLAST...)
- Kit « distribution de données de campagnes » (MISTRALS, AMMA, PASSY, KASCADE...)
- Kit « SO » (INDAAF, BVET, MSEC...)
- Composants GWT partagés entre plusieurs applications (IAGOS, ECCAD, CEDRES, RBV, RESIF, SSS...)
- Composants Web (MISTRALS, BAOBAB, INDAAF, ECCAD, DACCIWA, etc.)
- Usines à sites Wordpress (OMP, AERIS)
- Template commun (OMP, AERIS, ODATIS, THEIA, FORM@TER)
- Modèles de transport Lagrangien (GIRAFE, BAMED, IAGOS)
- Visualisation (ECCAD, SOLWARA...)



Usine à sites



KASCADE

KASCADE

KAtabatic winds and Stability over CADarache for Dispersion of Effluents

KASCADE is an initiative of Laboratoire d'Aérodynamique, Université de Grenoble Alpes, in a context of sanitary impact by means of observations KASCADE field campaign and

The field campaign consisted of observations (flux divergence to investigate the role of several k

Objectives

One of the important factors of their atmospheric dispersion During the day, due to surface to around 1 – 2 km agl. This trace species vertically the Once they have reached winds. During such conve

Passy

Database

Subscribe News

Search

Search by keyword

Advanced search

By parameters

By instruments

By platform types

Data providers

Provide metadata

Instrument

Multi-instrumented platform

Login

Dataset Edition

Dataset name	SITE1_CNRM_TOWERL
Created on	2016-01-26
Project(s)	Passy > Passy-2015
Period	
Date begin (yyyy-mm-jj)	2015-02-06
Contacts	Canut Guylaine - CNRS Maurel William - CNRS Paci Alexandre - CNRS
Data access	Dataset as project
History	issue2016-01-28
Abstract	Turbulent fluxes
Observing strategy	
References	
Site name	site 1
Platform type	site 1
Instrument type	
Manufacturer	Gill
Model	HS1

PARCS
POLLUTION IN THE
ARCTIC SYSTEM

POLLUTION IN THE ARCTIC SYSTEM

The Chantier Arctique Pollution in the Arctic System (PARCS) project, funded by CNRS, has the overall goal to improve understanding about the sources, fate and impacts of pollution in the Arctic system, notably on climate, marine ecosystems and human society. PARCS brings together groups from 19 French labs and several international partners and is coordinated by LATMOS/CNRS. It aims to tackle issues related to Arctic air pollution (e.g. aerosols, ozone), and toxic contaminants such as mercury and persistent organic pollutants, and impacts on climate (aerosol-cloud interactions), ecosystems (contaminants in seabirds, pollutant cycling in marine/snow environments), and local societies (air pollution perceptions and risks). See <http://parcs.projet.latmos.ipsl.fr/index.html>

As part of PARCS, several field activities are being carried out. The data from PARCS field activities as well as related studies using satellite data and simulations of air mass origins are available via this AERIS website.

GMOS
Global Meteorology Observation System

GMOS-FR
Data center

ForM@Ter

ForM@Ter

Données et services pour la Terre Solide

de faciliter l'accès aux données et contribuer à la création de nouveaux produits et services en apportant de la valeur ajoutée aux disponibles. Il veut s'inscrire dans les paysages national et européen en articulation étroite avec les infrastructures en place et en pour mission de fédérer les centres existants au service de la communauté Terre Solide.

ce un portail donnant accès aux données spatiales, in-situ et d'expérimentations du domaine. Il ambitionne d'apporter de la plus-value, et services dans les champs dans lesquels des centres de données n'existent pas ou demandent à être développés et dans l'articulation et internationaux. Le pôle ne doit pas désorganiser ni supplanter les centres déjà en place et identifiés, que ce soit dans le IR du domaine ou d'Observation du domaine. Il doit par contre, en synergie avec les autres structures du domaine et au sein de la future infrastructure de système Terre », renforcer la communauté Terre Solide en lui donnant accès aux données et aux produits dont elle a besoin pour ses

terme du pôle sont de quatre natures :

« portail des données et de service » permettant un accès unifié et une utilisation simplifiée des données spatiales et in-situ.

d'expertise » en appui à l'utilisation des données.

de transfert de technologie » : dans le domaine de la Terre solide assurant la diffusion des innovations méthodologiques des laboratoires de vers l'ensemble de la communauté scientifique, et au-delà vers les acteurs publics et le monde économique.

n de soutien aux services existants » notamment internationaux, portés par la communauté nationale.

Divers

Données Sentinel-1 séismes du 18/01/2017 en Italie

Workshop

Workshop FRINGE

du 05/06/2017 au 09/06/2017

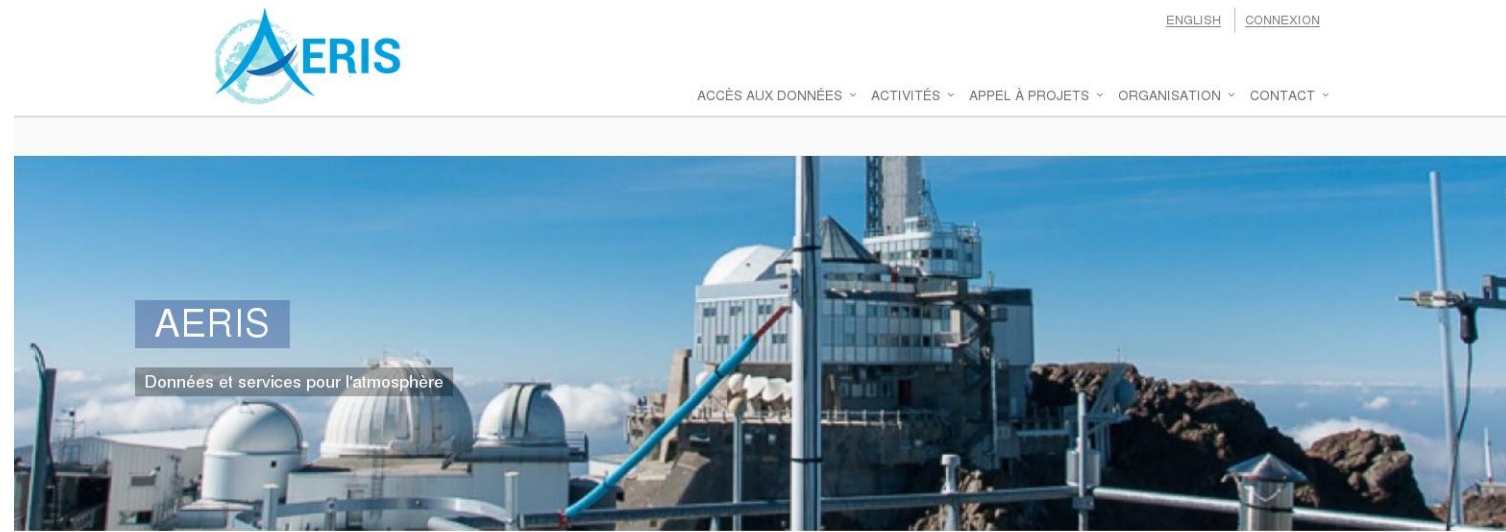
[Lire la suite](#)

Offre d'emploi

Post-doctorat

Un post-doctorat est proposé par le département Géosciences (iSTerre) de l'université de Grenoble Alpes avec la

Portail AERIS



Bienvenue

Les recherches dans le domaine atmosphérique concernent des thématiques comme la dynamique, la physique et la chimie atmosphérique. Elles incluent aussi des travaux plus orientés vers l'étude de l'évolution du climat. Pour effectuer ces recherches, la communauté scientifique utilise des modèles mais aussi des observations qu'elles soient obtenues au sol, au moyen de satellites ou de véhicules aéroportés.

Un des enjeux de ce siècle est de rendre ces données accessibles à une large communauté, que cela soit pour des activités de recherche ou des applications commerciales. Ces données d'observations, pour être utiles, doivent être étalonnées, validées, homogénéisées. C'est dans ce contexte qu'intervient AERIS.

AERIS est constitué autour de quatre centres de données (ESPRI, ICARE, SEDDOO et SATMOS) ayant les moyens de gestion collective des données, où environ 40 personnes y sont impliquées. Il s'appuie aussi sur des centres d'expertise et des réseaux de laboratoires, éléments indispensables d'un pôle de données pour les développements algorithmiques et les prototypes.

Appel à projets

Accès aux données BETA

Prochaines campagnes

 **EXAEDRE** Du 01/09/2018 au 30/09/2018

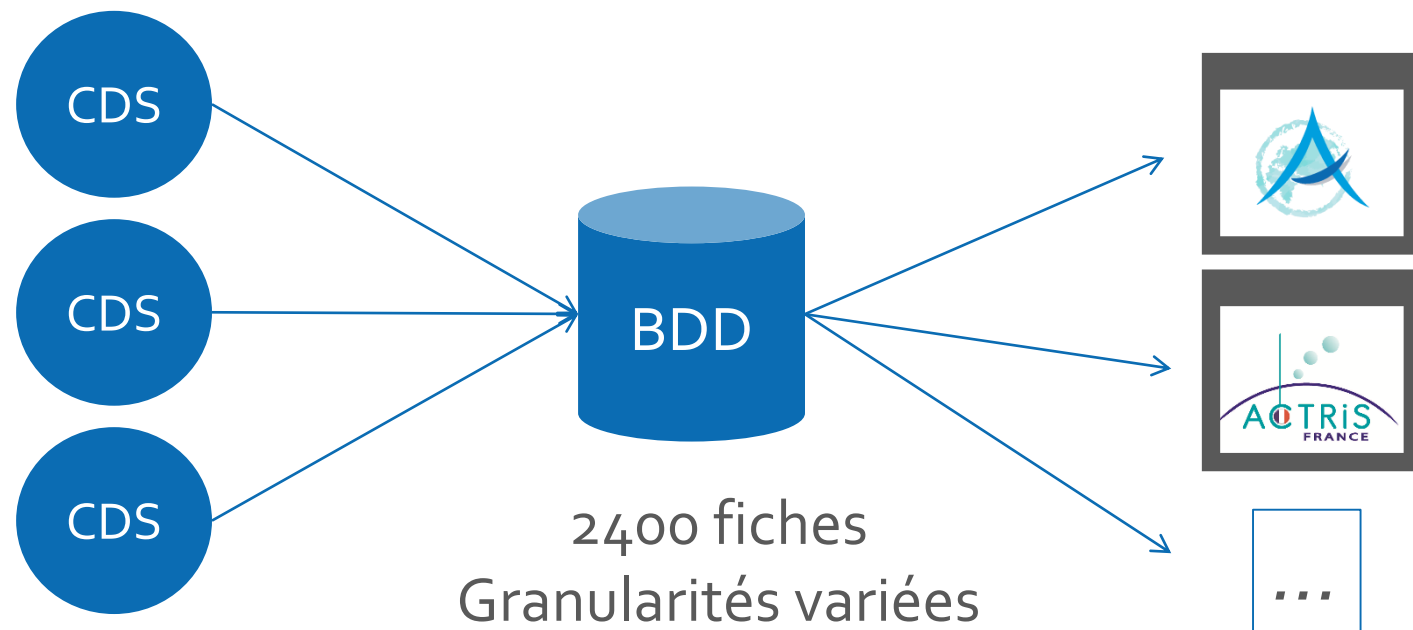
[Voir toutes les campagnes](#)

Evènements

Jun 2018

Workshop de validation Earthcare

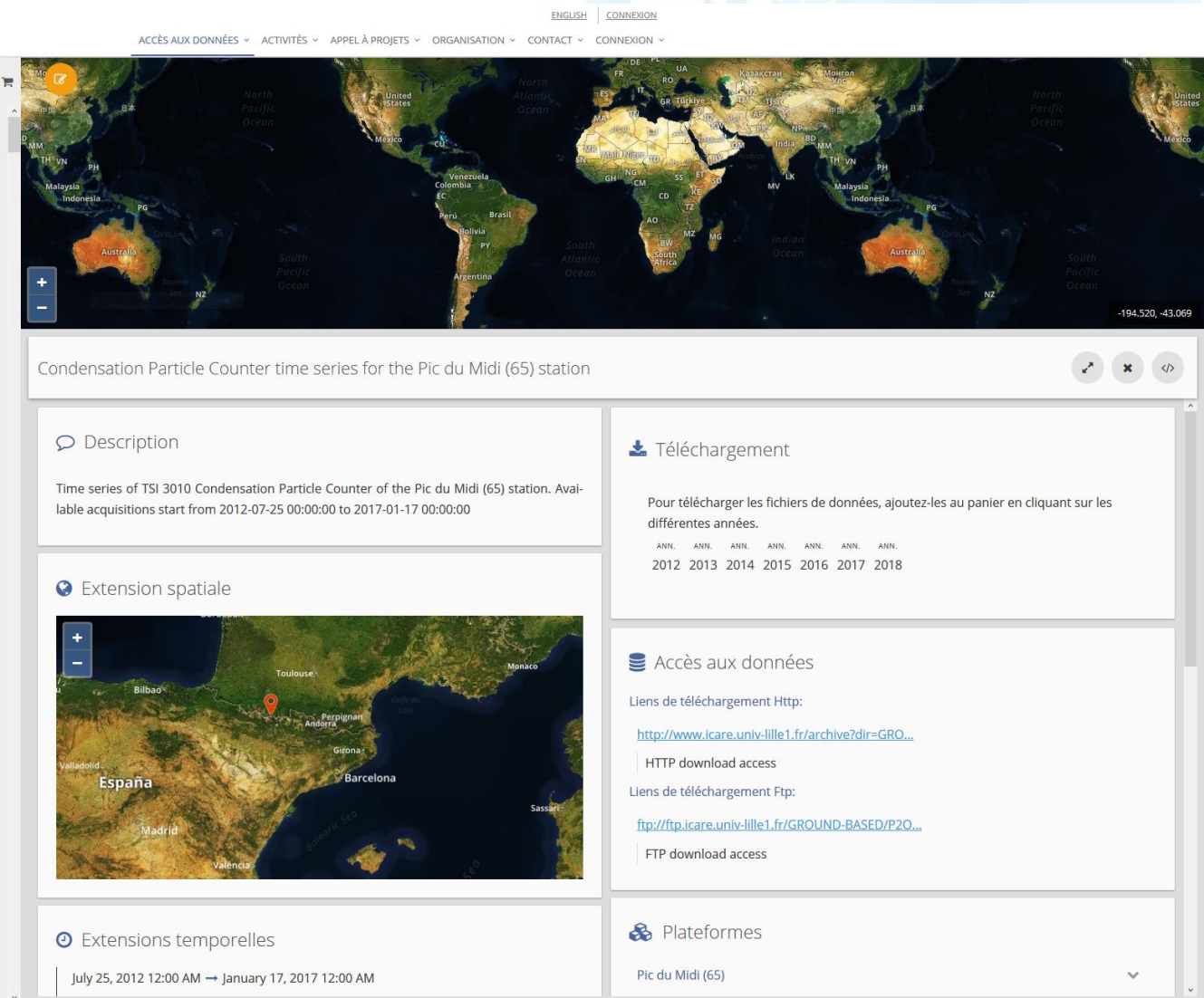
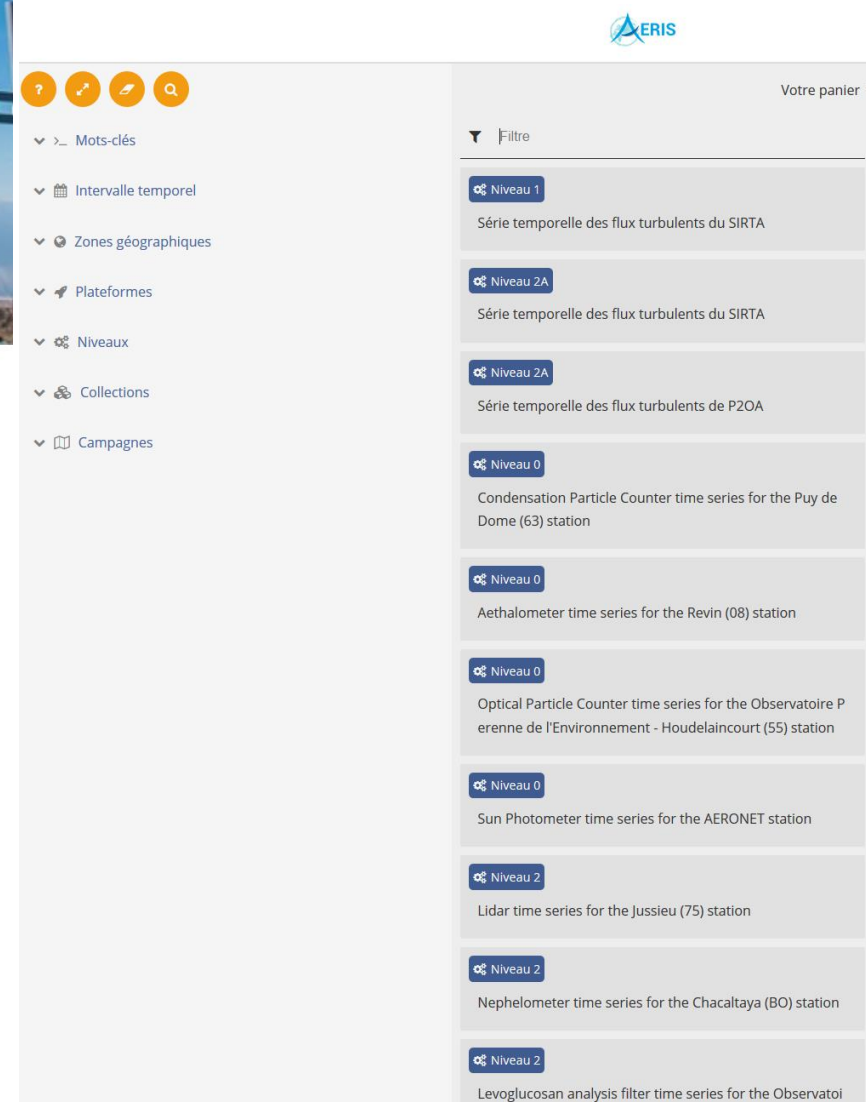
11 juin 2018 - 15 juin 2018 @
Bonn



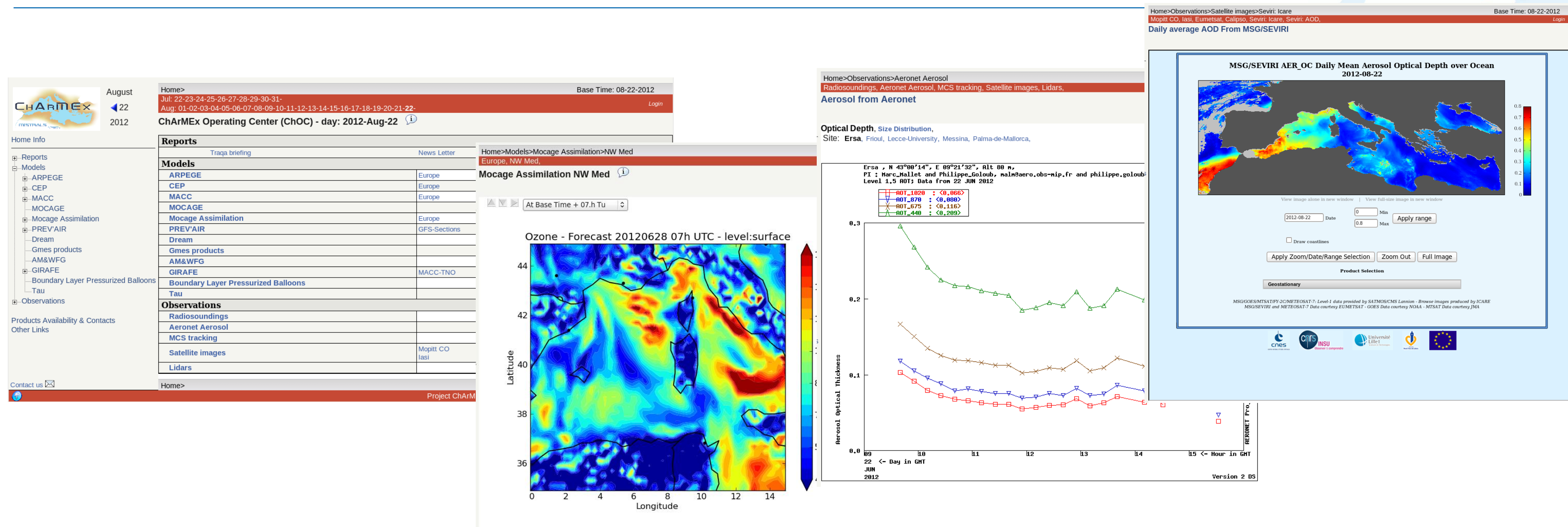
<https://www.aeris-data.fr/catalogue>

<https://actris.aeris-data.fr/data>

Eurochamp, GMOS...



Sites de support aux campagnes

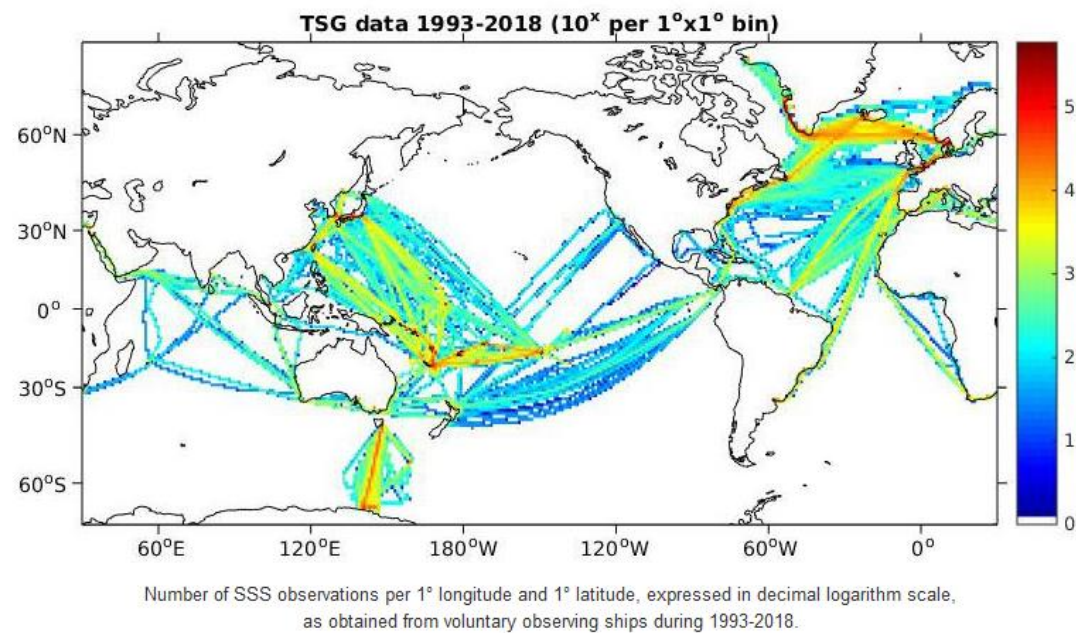


- Mis en place et exploités pendant les campagnes
- Temps réel en mode best effort
- Affichage de produits modèles, satellite, in situ :
 - pour aide à la décision (avion, ballons...)
 - a posteriori : « catalogue » des situations, choix cas d'études...
- Fourniture de produits par scientifiques, centres opérationnels...



You are here : Home

Welcome to the SSS data base access web page.



NEWS

September 2018: New data available
Added or modified September 28 2018 by Administrator
Data for ship Astrolabe (collected in collaboration with CSIRO and IPEV) until 5th March 2018 and for Pacific Ocean from year 2017 are included in the data base.

April 2018 : New data available
Added or modified April 05 2018 by Administrator
Data for ships Skogafoss (from years 2014-2015), Lavender (from year 2016) and Nuka Arctica (from August 2016 to August 2017) are included in the database.

November 2017: New data available
Added or modified November 09 2017 by Administrator
Data for Pacific Ocean from year 2016 are included in the data base.

September 2017: Gridded products
Added or modified September 20 2017 by Administrator
Gridded products in the Atlantic and Pacific oceans are now distributed here and identified with a DOI. See "Gridded products" in the above menu bar.

May 2017
Added or modified May 03 2017 by Administrator
Data for ship Astrolabe (collected in collaboration with CSIRO and IPEV) until 7th March 2017 and for Atlantic Ocean from year 2016 are included in the data base.

Sea Surface Salinity data from Voluntary Observing Ships Network

General information

Title Sea Surface Salinity data from Voluntary Observing Ships Network
DOI 10.6096/SSS-LEGOS
Version 7.0
Temporal coverage 1993-07-01 - 2017-08-11
Publisher The French Sea Surface Salinity Observation Service (SSS OS)
Publication year 2002

Creators

Delcroix Thierry (LEGOS, Université de Toulouse, Toulouse, France ; IRD, France)
Alory Gaël (LEGOS, Université de Toulouse, Toulouse, France ; CNAP, France)
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Perrier Julien (IMAGO, Brest, France ; Centre IRD de Nouméa, Nouvelle-Calédonie, France ; IRD, France)
Reverdin Gilles (Sorbonne Université, LOCEAN, CNRS/UPMC/IRD/MNH, Paris, France ; CNRS, France)
Roubaud Fabrice (IMAGO, Brest, France ; IRD, France)

Abstract

Sea Surface Salinity (SSS) is an essential climate variable that requires long term in situ observation. The French SSS Observation Service (SSS-OS) manages a network of Voluntary Observing Ships equipped with thermosalinographs (TSG) since 2002. The network is global though more concentrated in the tropical Pacific and North Atlantic oceanic basins. The acquisition system is autonomous with real time transmission and is regularly serviced at harbor calls. The high resolution data retrieved from the acquisition system during ship calls is processed through a dedicated software (freely available) for attribution of data quality flags by visual inspection, and correction of TSG time series by comparison with climatology, onboard daily water samples and collocated Argo data. Details can be found in the reference below. The validated delayed time data collected from TSG, together with some bucket samples mostly collected before 2002, are made available for educational and research purposes through an interactive web interface.

Data use information

Citation Delcroix Thierry et al. (2002) 'Sea Surface Salinity data from Voluntary Observing Ships Network'. The French Sea Surface Salinity Observation Service (SSS OS). doi: 10.6096/sss-legos.
Use constraints Publications using these data should acknowledge the SSS-OS(*) and cite the following reference: Alory G. et al., 2015. The French contribution to the Voluntary Observing Ships network of Sea Surface Salinity. Deep Sea Res., 105, 1-18, doi:10.1016/j.DSR.2015.08.005. Copies should be sent to the contact email (sss-contact@legos.obs-mip.fr) so that to help us pursue and improve this Service. (*) The suggested sentence is: "Sea surface salinity data derived from voluntary observing ships were collected, validated, archived, and made freely available by the French Sea Surface Salinity Observation Service (http://www.legos.obs-mip.fr/observations/sss/)".
Data format(s) ASCII
NetCDF

History

2015-12-22, 1.0 DOI creation
2016-01-19, 2.0 Data from Astrolabe (collected in collaboration with CSIRO and IPEV) and from Godafoss, Reykjavoss, Selfoss, Skogafoss (collected in collaboration with NOAA/AOML) are included in the data base. Thanks to user feedback and new analysis with external data, the quality control has been refined for the following cruises:
Ship: Coral islander 2 / Filename: sssdata_*)_HORQ_* / Period: 2011-02-26 to 2011-04-10
Ship: Matisse / Filename: sssdata_*)_SBAD2_* / Period: 2011-07-20 to 2011-10-20
Ship: Pacific Islander 2 / Filename: sssdata_*)_HOWN_* / Period: 2011-11-13 to 2012-01-03
2016-04-25, 2.1 Data for year 2015 are now included in the data base.
2016-10-18, 3.0 Data for ship Nuka Arctica until 23rd August 2016 are included in the data base.
2017-02-08, 4.0 Thanks to user feedback and new analysis with external data, the quality control has been refined for the

Data access

Indicate search criteria

Boat list

- alis
- astrolabe
- cap_trafalgar
- colibri
- coral_islander_2
- direct_tui
- kyowa_cattleya
- kyowa_hibiscus

Select all

Temperature range

Salinity range

Date range

Begin date :
2004-01-01
End date :
2004-04-30

Data quality

☐ Uncontrolled data
☒ Good data
☐ Probably Good data
☐ Probably Bad data
☐ Bad data
☐ Harbour data



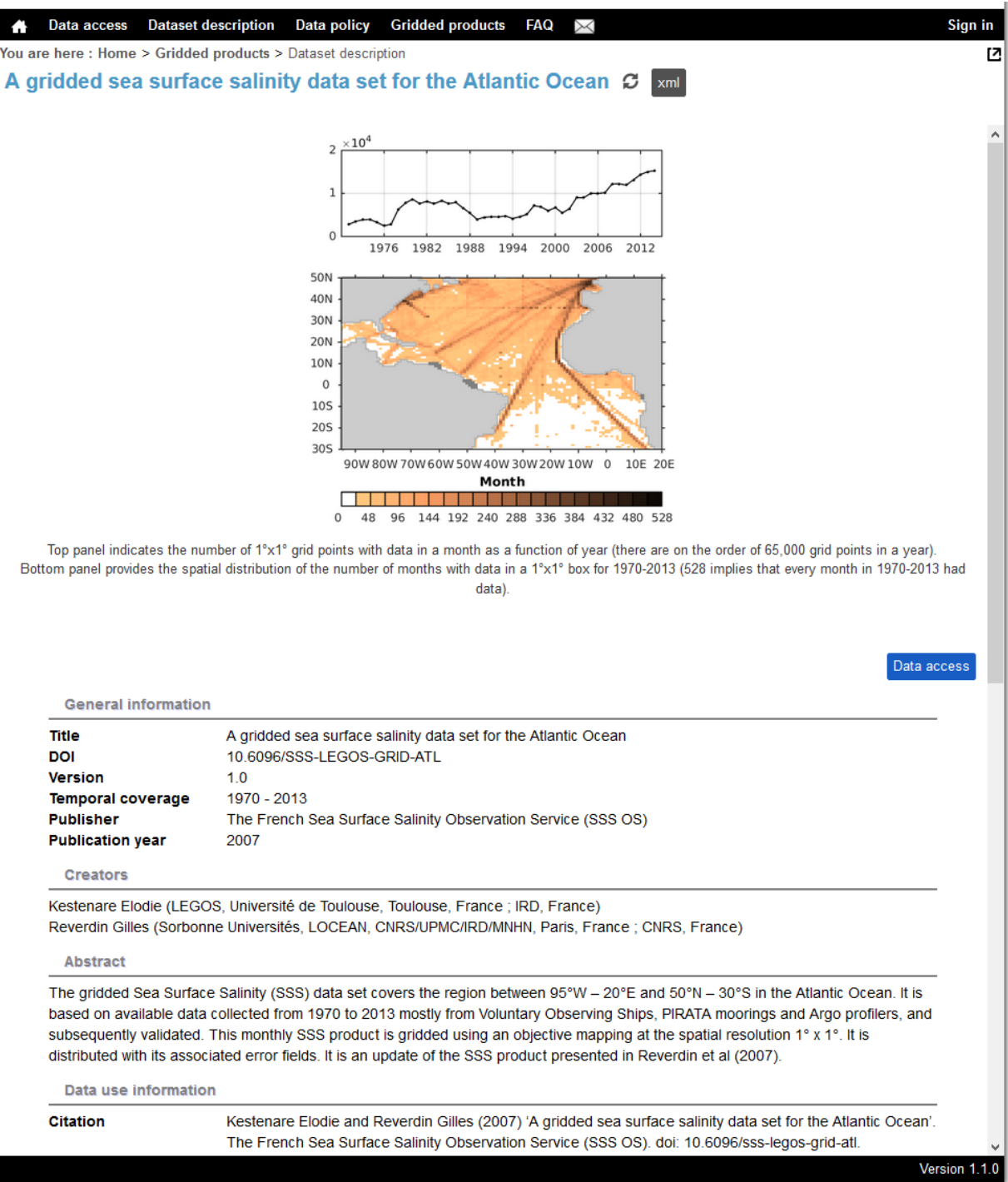
Search Reset

Select all trajctones Unselect all trajctones

Download

<http://sss.sedoo.fr>

SSS (2)



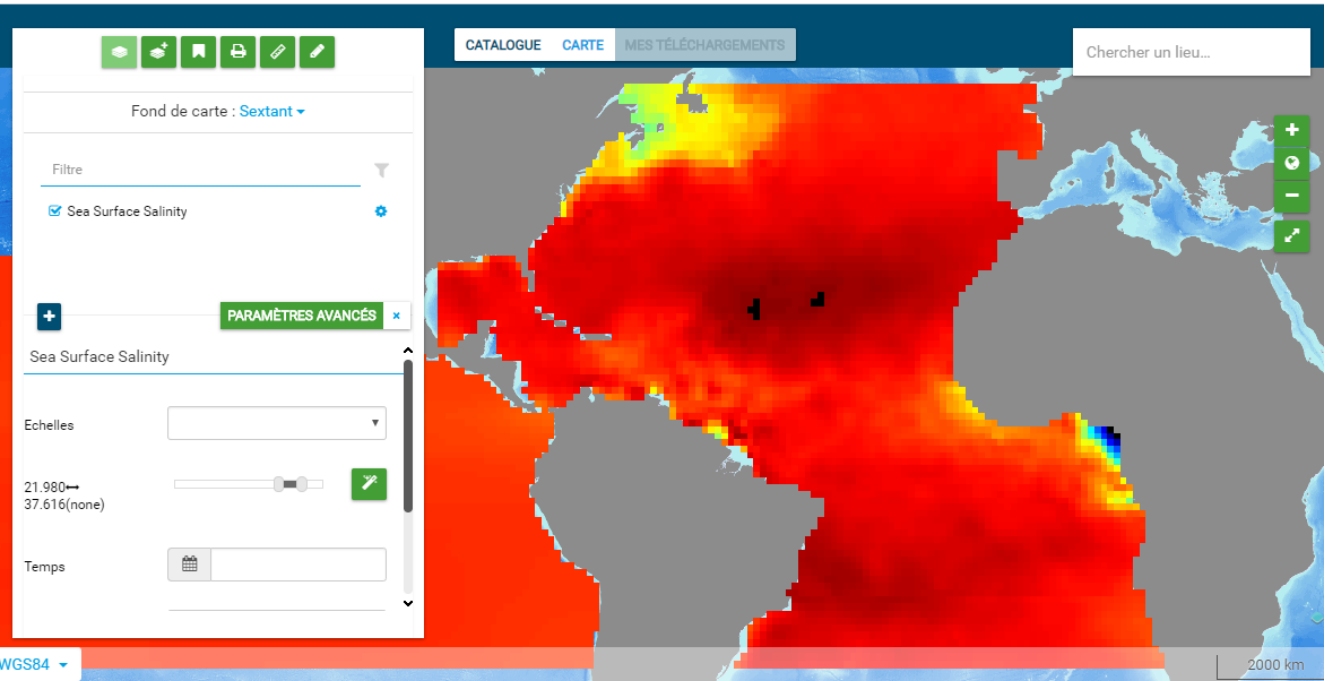
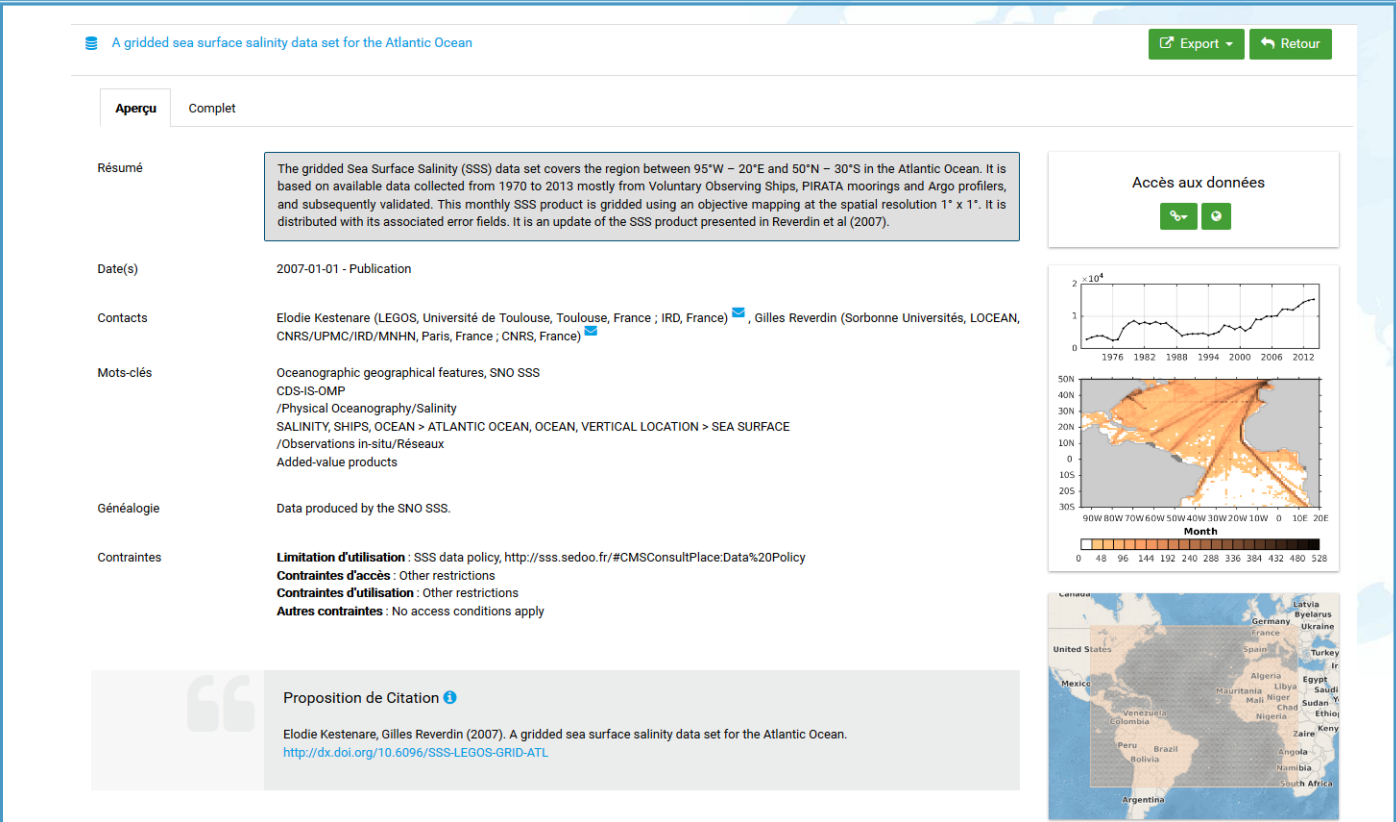
Geonetwork

CSW

Thredds

NetCDF

WMS



Catalogue Odatis

SOLWARA



SOLWARA

[Data access](#)[Registration](#)[Administration](#)

[Home](#)[Data access](#)[Registration](#)[Administration](#)

Welcome to the SOLWARA database

This site serves the gridded data and model simulations related to the [Solwara](#) project.

If you do not have a login/password, please fill the [Registration form](#)

News

[MESSAGE](#) **New datasets** *(Added or modified March 18 2014by brisseb)*

2 new datasets are now available :

- SOLOMON SEA sadcp OI gridded product (monthly climatology)
- MODIS Aqua, South Lagoon of New-Caledonia, PNG files (1km)

[MESSAGE](#) **Data masks** *(Added or modified February 20 2014by brisseb)*

Masks are now available for the dataset SOLWARA124_S09.

[MESSAGE](#) **Release of version 0.1.0** *(Added or modified December 19 2013by brisseb)*

[MESSAGE](#) **First Solwara data set** *(Added or modified October 22 2013by alexandre)*

October 2013: we are testing our first Opendap Solwara data set

[Data access](#)[Registration](#)[Administration](#)

[Home](#)[Data access](#)[Registration](#)[Administration](#)

Data access

[Available datasets](#)

- [SOLWARA124_S09](#)
 - S09 1/4 resolution
 - S09 1/12 resolution
- [Cruise datasets](#)
 - SADCP OI gridded product
- [Satellite datasets](#)
 - MODIS - Aqua/Terra derived product

[Metadata](#)[Data files](#)[Virtual datasets](#)

General information

Title S09 1/4 resolution

Abstract The numerical simulation is at 1/12° over the Solomon Sea region, interactively nested in a 1/4° resolution domain.

Project(s) SOLWARA

Funding ANR-09-BLAN-0233-01 / INSU

Processing level The simulation has been evaluated, analyzed and published (see references).

History Simulation based on ORCA025-G70 by the Drakkar group.

References [Melet A., W. S. Kessler, L. Gourdeau, J. Verron, J.M. Molines, 2010a: Thermocline circulation in the Solomon Sea. A modeling study, Journal of Physical Oceanography, vol 40 \(6\), pp 1302-1319, doi: 10.1007/s10236-010-0302-6](#)

Data use information

Use constraints Please refer to Melet et al. 2010a when using these data.

Data type GRID

Data format netCDF

Data masks 0_mask.nc 0_mesh_zgr.nc 0_mesh_hgr.nc

Contacts

Creators Angelique Melet, email: angelique.melet@gmail.com

Publishers FR/LEGOS (DIF), email: Alexandre.Ganachaud@ird.fr, [http://www.legos.obs-mip.fr](#)

Contributors Jacques Verron, veron@hmg.inpg.fr (PI)

Alexandre Ganachaud (ContactPerson)

Coverage

Time coverage start: 1986-01-01, end: 2004-12-26

Geospatial coverage Solomon Sea SPICE high resolution Vitiaz Solwara ocean



North Latitude 5

West Longitude 159.8

East Longitude 172.3

South Latitude 24.25

Longitude resolution: 0.25 degrees_east

Latitude resolution: 0.25 degrees_north

Variables

ssosheig (m) Sea Surface Height (grid T)

seasurf (C) Sea Surface Temperature (grid T)

[Metadata](#)[Data files](#)[Virtual datasets](#)

Name

Name	Size	Data Access
1986		
1987		
1988		
1989		
1990		
1991		
1992		
1993		
1994		
1995		
1996		
1997		
1998		
1999		
2000		
2001		
2002		
2003		
2004		

0_mask.nc 3.044 Mbytes [Download File](#) [OPeNDAP Access](#) [NetCDF Subset Service](#) [WMS](#)

0_mesh_hgr.nc 1.776 Mbytes [Download File](#) [OPeNDAP Access](#) [NetCDF Subset Service](#) [WMS](#)

[File](#)[OPeNDAP Access](#)[NetCDF Subset Service](#)[WMS](#)

OPeNDAP Dataset Access Form

Tested on Netscape 4.61 and Internet Explorer 5.00.

Action: [Get ASCII](#) [Get Binary](#) [Show Help](#)

Data URL: [http://thredds.sedoo.fr/thredds/dodsC/SOLWARA124_S09/S09/1997/10/S09_y1997m10d03_gridU](#)

Global Attributes: Conventions: file_name: S0 production: 4 TimeStamp: 20 associate: full

Variables: ☒ depth: units: m positive: unk valid_min: 3 valid_max: 56 title: depth

☒ nav_lat: units: degree valid_min: -2 valid_max: 4 long_name: Lat nav_model: De

NCSS for Grids (Grid as Point Dataset)

THREDDS data server [NetCDF Subset Service](#)

Dataset: /thredds/ncss/grid/SOLWARA124_S09/S09/S09_y1986_2004_gridTUVW.nc ([Gridded Dataset Description](#))

Base Time: 1986-01-01T00:00:00Z

Select Variable(s):

☒ bowl_index = Bowl Index

Variables with Time coordinate time_counter

☒ concentration_dilution_water_flux = concentration/dilution water flux

☒ downward_longwave_radiation = Longwave Radiation downward

☒ ice_cover = Ice Cover

☒ lateral_eddy_diffusivity = lateral eddy diffusivity

☒ mixed_layer_at_depth_0_01 = Mixed Layer Depth 0.01

☒ net_downward_heat_flux = Net Downward Heat Flux

☒ runoffs = Runoffs

☒ sea_surface_height = Sea Surface Height

☒ sea_surface_salinity = Sea Surface Salinity

☒ sea_surface_temperature = Sea Surface temperature

☒ shortwave_radiation = Shortwave Radiation

☒ surface_heat_flux = Surface Heat Flux: Damping

☒ surface_salt_flux = Surface Salt Flux

☒ surface_salt_flux_damping = Surface salt flux: damping

☒ surface_water_flux_damping = Surface Water Flux: Damping

Choose Spatial Subset

Map is not over map

Lat/lon subset Coordinate subset Bounding Box (decimal degrees):

north 4.9938

west 159.7500 east 172.2500

south -24.2425

☐ Disable horizontal subsetting reset to full extension

Horizontal Stride: 1

Choose Time Subset:

Téléchargement

Data preview (WMS) - beta

Variables: Salinity

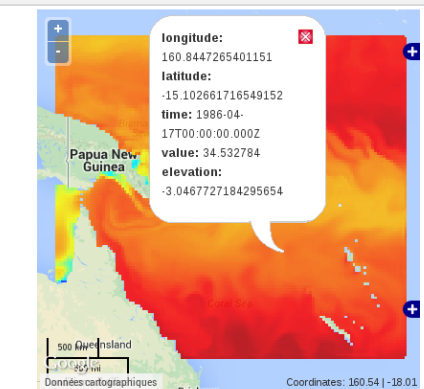
Time: 1986-04-17

Elevation: -3.0467727184295654

Palette: rainbow

Scale range: default

[Draw](#)



longitude: 160.8447265401151

latitude: -15.102661716549152

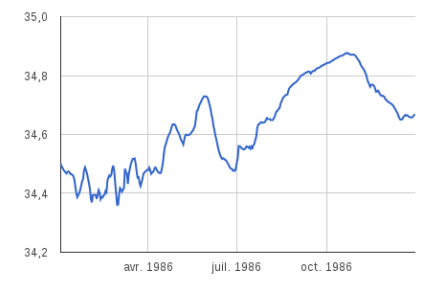
time: 1986-04-17T00:00:00.000Z

value: 34.532784

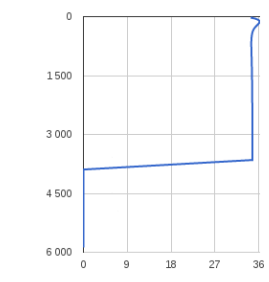
elevation: -3.0467727184295654

Coordinates: 160.84 | -18.01

sea_water_salinity, lat: -15.102661716549152, lon: 160.8447265401151



sea_water_salinity, lat: -15.102661716549152, lon: 160.8447265401151



Visualisation

Thredds Data Server

Metadata

OpenDAP

NCSS

WMS

Metadata catalog

Data files

+

Aggregations

<http://thredds.sedoo.fr/solwara>

de Socoa -

 Updated: 2 years ago

amétrique. 2 types de

Finalisé

[link](#)

 Overview



Site-atelier  **DYNALIT**

ISO19139

Geonetwork

=> Moissonnage par le catalogue Dynalit
(et Odatis ?)

<https://socoa.sedoo.fr>

MISTRALS

MISTRALS database

ChArMeX

HyMeX

MERMeX

TerMeX

More projects

MISTRALS database

Search

aws

Advanced search

Catalogue and data access

By projects

By parameters

By instruments

By platform types

Register

MISTRALS programs

ChArMeX

HyMeX

MERMeX

TerMeX

More projects

CORSICA

MEUST

MOOSE

Copyright © 2010

Design by Wolfgang I X

Platform types list, ordered by GCMD platform keywords

Access to...

the original dataset as provided by the principal investigator.

the homogenized dataset.

data in another database.

the campaign website quicklook charts.

IN SITU

MODEL

SATELLITE

VALUE-ADDED DATASETS

Aircraft

Atmospheric sites

Balloons

Drifters, buoys and moorings

Gliders

Ground networks

Hydrometeorological sites

Ocean sites

Post-event surveys

Radars

Ships

Other

ACAR - US aircraft reports, GTS data

AIREP - Manual aircraft reports, GTS data

AMDAR - Automatic aircraft reports, GTS data

Croatian automatic stations

Croatian non GTS hourly data

EWAC - (MetEROBS) Met European Research Observatory

Ground based Meteorological Station, Candillargues super site

Meteorological station, Ersa windmill farm

Meteorological station, Jerusalem site

Meteorological station, Lampedusa

Meteorological station, Northern Negev site

Meteorological station, Ramot Menashe site

Meteorological station , Venaco

Operational Buoy observations (GTS)

Operational surface weather automatic stations over Spain -AEMET data

Operational surface weather observation stations over France - Daily data

Operational surface weather observation stations over France - Hourly data

Operational synoptic surface observations from fixed stations (GTS)

Operational synoptic surface observations from ship (GTS)

Precipitation and temperature data, Campania

SEOS MARFRET NIOLON

General information			
Dataset name	Ground based Meteorological Station, Candillargues super site		
Created on	2010-03-08		
Project(s)	HyMeX		
Period	EOP		
Date begin (yyyy-mm-jj)	2012-09-03	Date end (yyyy-mm-jj)	2013-10-16
Contacts	Legain Dominique - METEO-FRANCE (PI or Lead scientist)		
Data access	Original dataset as provided by the Principal Investigator		
	Homogenized dataset		
History	UPDATE 2014-02-10 A new version of the dataset have been uploaded. Period: 2013/10/16 - 2013/12/31.		
	UPDATE 2013-11-07 A new version of the dataset have been uploaded. Period: 2012/09/03 - 2013/10/16.		
	UPDATE 2013-02-25 New data have been uploaded. Available period: 3 September 2012 - 20 February 2013		

Data description	
Abstract	Routine operation over a period shorter than 5 years (Enhanced Observation Period, EOP)
References	

Instrument information			
Instrument type	AWS > Automated Weather System		
Manufacturer	Campbell Scientific		
Model	CR23X		
Observation frequency	1 minute - < 1 hour		
Horizontal coverage	Point Resolution		
Vertical coverage	Point Resolution		
Longitude (°)	4.0689	Latitude (°)	43.6126
Height above ground (m)	0		



Geographic information	
Location 1	
Predefined site	Candillargues super-site
Site type	Atmospheric sites

Measured parameters

Ground based Meteorological Station, Candillargues super site

Période couverte : du 03/09/12 au 26/03/14.

Paramètres:
air_temperature : shielded air temperature 2 m above ground sampled on regular time (Celsius)
relative_humidity : air relative humidity 2 m above ground sampled on regular time (percent)
air_pressure : local air pressure, 1 min average sampled on regular time (hPa)
wind_from_direction : 1 minute mean wind direction 5 m above ground from Young anemometer sampled on regular time (degree)
wind_speed : 1 minute mean wind speed 5 m above ground from Young anemometer sampled on regular time (m/s)
surface_downwelling_longwave_flux_in_air : incoming long wave radiation from CNR1 sampled on regular time (W/m2)
surface_upwelling_longwave_flux_in_air : outgoing long wave radiation from CNR1 sampled on regular time (W/m2)
surface_downwelling_shortwave_flux_in_air : incoming short wave radiation from CNR1 sampled on regular time (W/m2)
surface_upwelling_shortwave_flux_in_air : reflected short wave radiation from CNR1 sampled on regular time (W/m2)
precipitation : minutely-accumulated rainfall sampled on regular time (0.001 meter)

Current Directory: 2014

Select All

01

+

02

+

03

+

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2014/02

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Data

Selected dataset

Ground based Meteorological Station, Candillargues super site

Parameters

Air Temperature

Humidity

Longwave Radiation

Outgoing Longwave Radiation

Outgoing Shortwave Radiation

Precipitation Amount (previous 1 minute)

Shortwave Radiation

Surface Pressure

Quality flag

☐ yes ☒ no

Uncertainty

☐ yes ☒ no

Period

Date min (yyyy-mm-dd)

2012-09-03

Date max (yyyy-mm-dd)

2014-03-26

Zone

UnZoom

Zoom

Lat: 50 0 0 "

Lon: -10 0 0 "

Lat: 25 0 0 "

Lon: 40 0 0 "

Map of Europe with a zoomed-in view of the Mediterranean region.

Options

Format

☒ Ascii (Nasa Ames) ☐ netCdf (available soon)

Split result by station (available soon) ?

☐ yes ☒ no

Compression

☒ zip ☐ gzip

Submit

Les DOI au SEDOO

- Convention avec l'INIST qui couvre l'OMP
- Attribution aux données gérées au SEDOO
 - Grands programmes (MISTRALS...)
 - SNO OMP (MSEC, BVET, SSS...)
 - Etc.
- Mais aussi à des données hébergées au CTOH
- Gestion du préfixe AERIS (pour les 4 CDS)
- Proposition : un service de dépôt/publication de données pour l'OMP ?



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Contact Name:	Guillaume Brissebrat
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Author Name

Fanise, Pascal (1)

Gascoin, Simon (1)

Subject

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Bernadouze meteorological data

6 juil. 2018 - CESBIO

Gascoin, Simon; Fanise, Pascal, 2018, "Bernadouze meteorological data", <https://doi.org/10.6096/DV/UQITZ4>, SEDOO OMP, V1

This dataset contains the meteorological data collected at Bernadouze (Ariège, France) by two automatic weather stations (Bernadouze ONF and Bernadouze CV). See: http://www.cesbio.ups-tlse.fr/data_meteo/index.php?perma=1319145390

CESBIO (CNRS UPS CNES IRD)

5 juil. 2018

Centre d'Etudes Spatiales de la Biosphère

SEDoo (OMP)

26 juin 2018

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Gascoin, Simon; Fanise, Pascal, 2018, "Bernadouze meteorological data", <https://doi.org/10.6096/DV/UQITZ4>, SEDOO OMP, V1

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This dataset contains the meteorological data collected at Bernadouze (Ariège, France) by two automatic weather stations (Bernadouze ONF and Bernadouze CV). See: http://www.cesbio.ups-tlse.fr/data_meteo/index.php?perma=1319145390 (2018-07-05)

Subject

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Keyword

snow, meteorology, climate

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Station in the forest

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Merci pour votre attention