



SeaDataCloud

CSR transfer plan

Vanessa Tosello - IFREMER

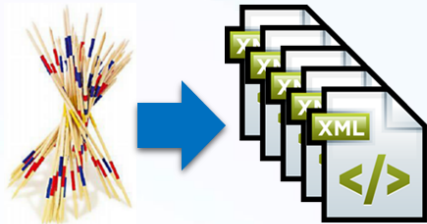
SeaDataCloud Autumn week, Brest, October 2019
sdn-userdesk@seadatanet.org – www.seadatanet.org



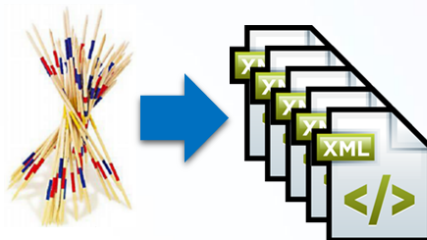
CSR system and workflow

Online CMS

MIKADO



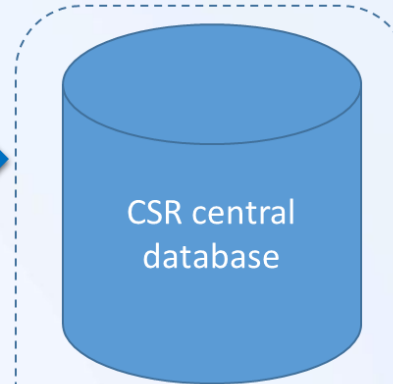
MIKADO



Online submission

XML submission + ingestion

CSW harvesting



Quality control

- Automatic checks on mandatory fields and vocabularies
- Manual/visual checks on contents

XML ingestion

XML export

CSR central Geonetwork



CSR User interface

- + SOAP webservices
- + CSR ISO list for CDI
- + CSR Eurofleets (export)
- + CSR ICES (synchro)
- + POGO search interface



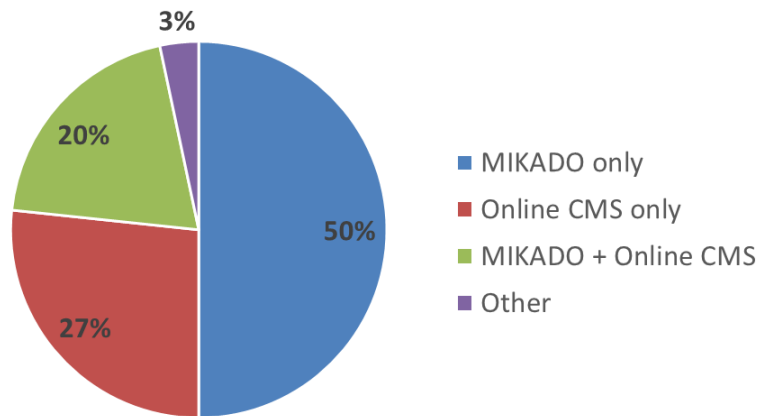
CSR Survey

- A survey has been sent to all the SeaDataNet partners in April 2019. Responses to this survey allowed us to assess which tools are most commonly used to create and update the CSR entries.
- 30 responses received from 25 countries

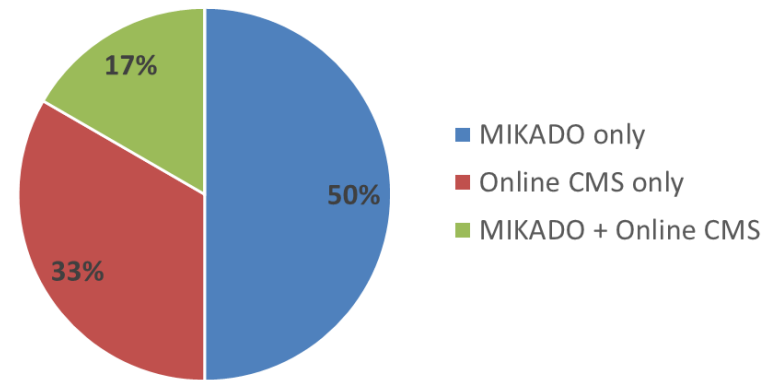




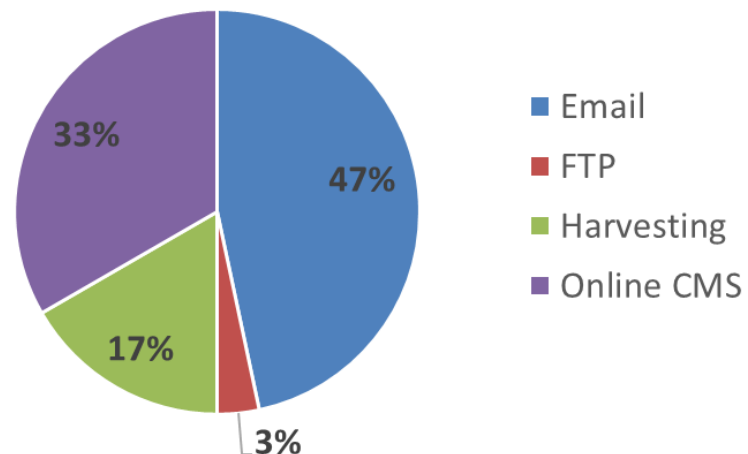
Creation of CSR records



Update of CSR records



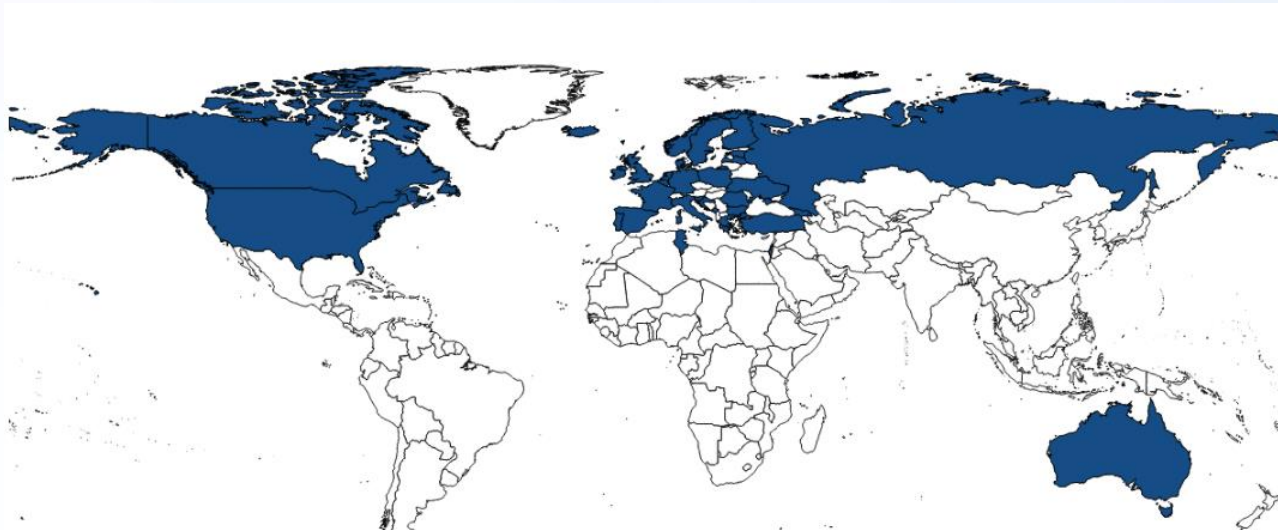
Delivery of CSR records





BSH database log

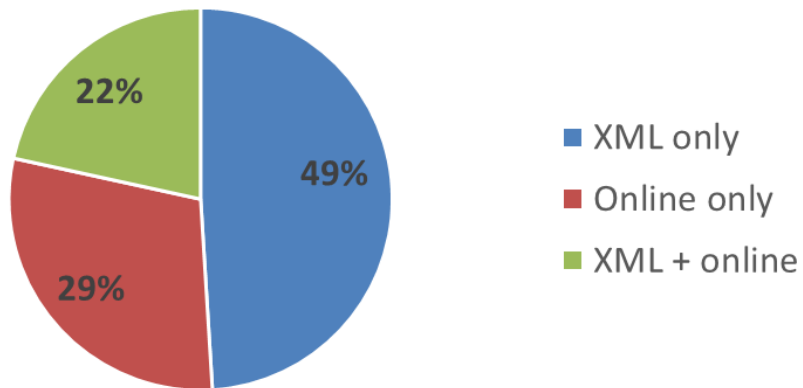
- Logs available since 2016
 - Creations and updates of CSRs entries
 - Using online CMS or XML files
- 51 institutes from 34 countries



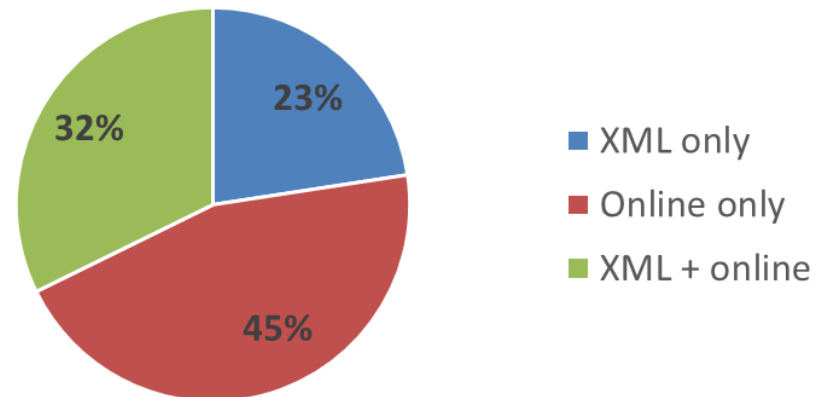


BSH database log

Creation of CSR records



Update of CSR records





CSR Survey – Conclusion

- Most commonly tool used for creating and updating CSR records is **MIKADO**.
 - **Online CMS** is also often used and is used by chief scientists.
- Keep MIKADO software because it is the most commonly tool used for creating and updating CSR records and it is used also to generate XML files for other catalogues (EDMED, EDIOS, EDMERP, CDI)
- Develop a new online CMS
- For users who use only online CMS, especially for chief scientists who will certainly prefer a web-based solution without java installation



Tasks

- Creation of a new database
- Retrieval from BSH database
- Development of a new search interface
- Submission of CSR entries
 - Ingestion of XML files + Geonetwork harvesting
 - Development of a new online CMS in collaboration with BSH
- Associated services : SOAP, CSR ISO list, SparQL endpoint
- Links with other projects and organizations
 - One-way synchronisation with Eurofleet,
 - Two-way synchronisation with ICES,
 - POGO CSR search interface



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152 results

[Reset filters](#)



Search everywhere



YEAR

- ☒ 2020 5
- ☐ 2019 102
- ☐ 2018 54
- ☐ 2017 65
- ☐ 2016 78
- ☐ 2015 32

SHIP

- Filter
- ☐ Ailette 5
 - ☐ Albert 102
 - ☐ Albert 54
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Name	Country	Chief scientist	Period
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[✕ Reset filters](#)

▼ Search everywhere



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[illegible]

152 results

Reset filters

Search everywhere



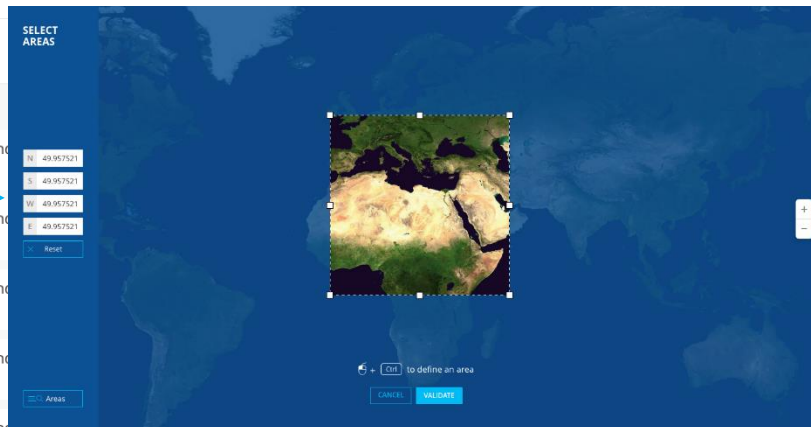
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Summary

Basket

Export

CRUISE SUMMARY REPORT INVENTORY (CSR)



SETA III CRUISE SL1

BSH REF-NO : 20071126



ADD TO BASKET



EXPORT

GENERAL INFORMATION

Platform/Ship
SETA IIICruise begin
01.08.1965Cruise end
01.01.2003Port of Departure
Jounieh, LebanonPort of Return
Jounieh, LebanonChief Scientist(s)
Dr. Sami Lakkis - National Center for Marines
Sciences - NCMSResponsible Laboratory
-

LOCATION

General Ocean Areas
Atlantic Ocean

Specific Geographic Areas

This area (the central part of the Lebanese coastal area between Beirut and Amchit) is characterized by a considerable coastal indentation, an irregular bottom configuration with several submarine canyons (Goedicke, 1972) and a narrow shelf (2 to 10 km). The 100 m isobath is between 1.5 km and 3.5 km from the shore

Link to Charts
-

Marsden Squares (S, N, E, W)

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Bounding Boxes

West East South North

-34.3896 -32.9758 35.5643 37.0691

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MAP



DESCRIPTION

Biodiversity of plankton community in Lebanese seawater

Oceanographic data were obtained from ship cruises conducted from 1965 until 2003 in the neritic and oceanic Lebanese waters (Levantine Basin). They include plankton community diversity, hydrographic parameters, namely temperature, salinity, dissolved oxygen, water transparency, chlorophyll a, nitrates and phosphates. The purpose of this work was to elaborate plankton dataset in relation to the hydrological conditions of the area. Spatial and temporal qualitative and quantitative distributions of the species are strongly correlated to seasonal variations of hydrological parameters.

ADDITIONAL INFORMATION

Parameters measured

Air pressure
Air temperature
Alkalinity, acidity and pH of the water column
Atmospheric emissions
Atmospheric humidity
Atmospheric particulates
Bacteria environmental parameters
Bacteria generic abundance in water bodies

Linkage / Report / Station list
-

Instruments used

Aerosol physical characterisers
Atmosphere models
Biological and biogeochemical models
CTD
Coupled models
Global models
Meteorological models

Project
Jericho-Naxos: towards a joint
European research infrastructure
network for coastal observatories

PRINCIPAL INVESTIGATORS

- A Dr. Sami Lakkis Marine Research Centre-NCRS, Jounieh
B Lorem Ipsum Institute of Earth Physics of Paris
C Lorem Ipsum Ifremer / EEP / LEP-DEEP Environment Laboratory
D Lorem Ipsum Université de Toulouse III / Geosciences Environment Toulouse

SUMMARY OF MEASUREMENTS AND SAMPLES

PI	Number	Type	Unit	Type of measurement	Description	Reference date
BIOLOGY & FISHERIES						
A	53	B09	Profiles	Zooplankton	Water Bottle profiles; data include plankton community diversity and hydrographic parameters	
B	53	B09	Profiles	Zooplankton	Water Bottle profiles; data include plankton community diversity and hydrographic parameters	
C	53	B09	Profiles	Zooplankton	Water Bottle profiles; data include plankton community diversity and hydrographic parameters	
D	53	B09	Profiles	Zooplankton	Water Bottle profiles; data include plankton community diversity and hydrographic parameters	
CHEMICAL OCEANOGRAPHY						
A	53	B09	Profiles	Zooplankton	Water Bottle profiles; data include plankton community diversity and hydrographic parameters	
B	53	B09	Profiles	Zooplankton	Water Bottle profiles; data include plankton community diversity and hydrographic parameters	
C	53	B09	Profiles	Zooplankton	Water Bottle profiles; data include plankton community diversity and hydrographic parameters	
D	53	B09	Profiles	Zooplankton	Water Bottle profiles; data include plankton community diversity and hydrographic parameters	

MOORINGS, LANDERS, BUOYS

PI	Type of measurement	Position	Description	Reference date
BIOLOGY & FISHERIES				
A	B09	33° 57' N 35° 28' E	Lorem ipsum dolor sit amet, consetetur sadipscing elitr, sed diam	
A	B09	33° 57' N 35° 28' E	Lorem ipsum dolor sit amet, consetetur sadipscing elitr, sed diam	
B	B09	33° 57' N 35° 28' E	Lorem ipsum dolor sit amet, consetetur sadipscing elitr, sed diam	
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C	B09	33° 57' N 35° 28' E	Lorem ipsum dolor sit amet, consetetur sadipscing elitr, sed diam	
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D	B09	33° 57' N 35° 28' E	Lorem ipsum dolor sit amet, consetetur sadipscing elitr, sed diam	
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D	B09	33° 57' N 35° 28' E	Lorem ipsum dolor sit amet, consetetur sadipscing elitr, sed diam	

Schedule

- Mid 2020
 - DB and search interface (SeaDataNet + POGO)
 - SOAP webservice, CSR ISO list for CDI
 - Synchronisation with ICES and Eurofleets
- End 2020
 - SPARQL endpoint
 - XML ingestion including harvesting
 - Online CMS
- Later on
 - Submission interface
 - Administration interface

Questions?