A FRENCH RESEARCH INFRASTRUCTURE FOR COASTAL OCEAN AND SEASHORE OBSERVATIONS

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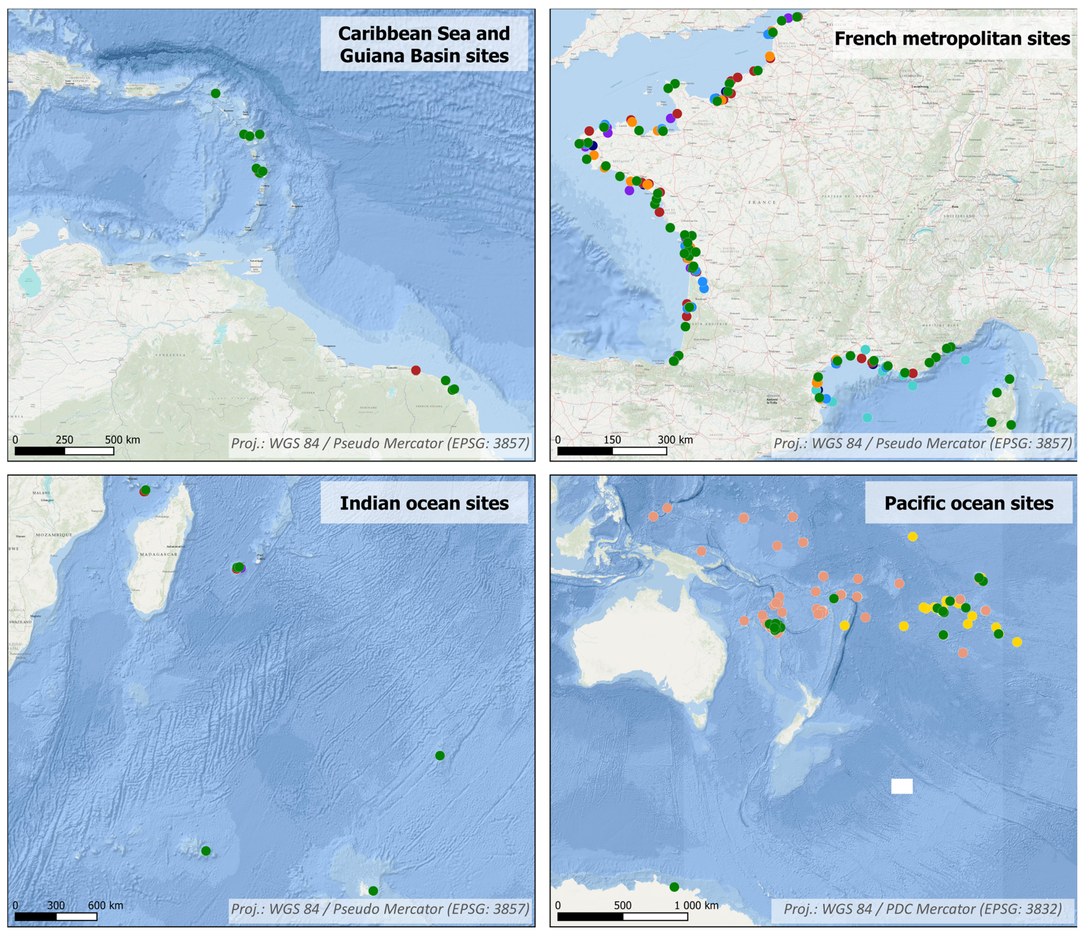
ILICO NETWORKS

	Network creation date	Parameters	Freq.	Instruments
COAST-HF	**COAST-HF** 2016	Physico-chemical param. Nutriments	High	
CORAIL	**CORAIL** 1985	Coral reef health Physico-chemical param.	Low High	
DYNALIT	**DYNALIT** 1990	Coastal bathy. and topography Shoreline position	Low	
MOOSE	**MOOSE** 2010	Bio- Physico-chemical param. in northwestern med.sea	High +Low	
PHYTOBS	**PHYTOBS** 2016	Phytoplankton diversity	Low	
REEFTEMPS	**REEFTEMPS** 2010	Temperature from 6 to 60 m. depth.	High	
SOMLIT	**SOMLIT** 1995	Bio- Physico-chemical param.	Low	
SONEL	**SONEL** 2003	Sea level, leveling height	High	
BENTHOBS	**BENTHOBS** 2019 Accreditation in progress	Specific abundance of the benthic macrofauna, grain size	Low	

GEOGRAPHICAL DISTRIBUTION



Field sites of the French research infrastructure on Coastal Ocean and Seashore observations
- ILICO -
BenthOBS • COAST-HF • CORAIL • DYNALIT • MOOSE • PHYTOBS • ReefTEMPS • SOMLIT • SONEL**

Sources: ILICO, ESRI

*** marégraphes français colocalisés à un GPS*

ILICO
INFRASTRUCTURE DE RECHERCHE LITTORALE & CÔTIÈRE

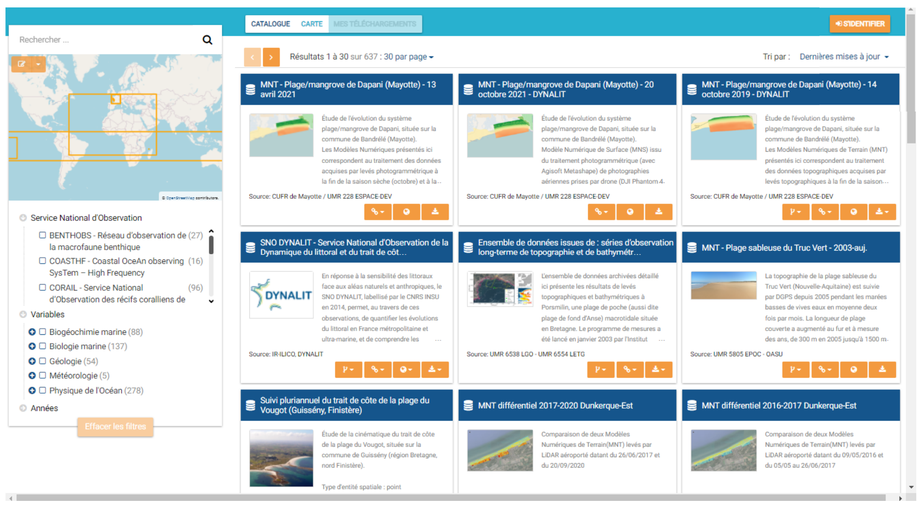
Established in 2016, ILICO is France's national **research infrastructure** for **coastal environments**. Its 2 main missions: 1 - Ensure **observation data** addresses both key **scientific issues** and helps meet **societal challenges;** 2 - Guarantee **the data's interoperability and quality**.
https://www.ir-ilico.fr/

ILICO AND EUROPE

ILICO is the **French-node of** the Joint European Research Infrastructure for Coastal Marine systems (**JERICO-RI**) led by France.

METADATA

More information on the ILICO and each monitoring network, station and parameter is available in the **Sextant metadata catalogue**: https://www.ir-ilico.fr/?TelechargerDonnees



NEXT STEPS

- Setting up a **single data portal to access all data** from the different networks included in ILICO;
- To allow the **intercomparison of several variables from different networks** in order to study specific use cases.

DATA ACCESS AND DOWNLOAD

	Network	Geodatabase name Data access and DOI	Time period	Data latency
COAST-HF	**COAST-HF**	**CORIOLIS** http://coast-hf.fr/index.php/telechargement-visualisation-des-donnees/	Since 2000	NRT[1] + Standard[2]
CORAIL	**CORAIL**	**CRIOBE** http://observatoire.criobe.pf/CRIOBEData	Since 1985	Standard
DYNALIT	**DYNALIT**	**Local databases** (e.g.: **OSUNA, OSU-R, IDG Indigéo**, etc.) https://www.dynalit.fr/Voir-Trouver-Telecharger	Since 1990	Standard
MOOSE	**MOOSE**	**MISTRALS, CORIOLIS, SISMER** • http://mistrals.sedoo.fr/MOOSE/ • https://co.ifremer.fr/co-dataSelection/?theme=moose	Since 2010	NRT + Standard
PHYTOBS	**PHYTOBS**	**PHYTOBS-P** (= harvesting of **Quadrige** and **Pelagos**) https://data.phytobs.fr/files DOI : 10.17882/85178	Since 1987	Standard
REEFTEMPS	**REEFTEMPS**	**Dboceano** https://www.reeftemps.science/ DOI : 10.17882/55128	Since 1986	Standard
SOMLIT	**SOMLIT**	**SOMLIT** https://www.somlit.fr/	Since 1997	Standard
SONEL	**SONEL**	**Data files** (metadata database: SONEL) https://www.sonel.org/	Since 1846	NRT + Standard
BENTHOBS	**BENTHOBS**	**BENTHOBS-P** (= harvesting of **Quadrige** and **BENTHOBS-B**)	Since 1974	Standard

[1]Near Real-Time
[2]Standard routine processing