



atlas

UNDERSTANDING DEEP ATLANTIC ECOSYSTEMS



Open Science

Atlas GA 2018

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We want all knowledge outputs from ATLAS

- deposited in Open Access at one of ATLAS' selected archives
- available for free to stakeholders on dedicated EU platforms (EMODnet, Atlas of the Seas)
- channelled to the European Commission's Open Access service (OpenAIRE)



What to deposit, and where?

- Research articles published in OA need no further action (almost)
- @ Zenodo:
 - pre-publication version of research articles (and supp. material) published in closed access
 - project deliverables, workshop reports, cruise reports
 - model code, R scripts, Matlab scripts, software tools, apps, games, etc.
 - presentations, posters, newsletters, any outreach material
- @ PANGAEA:
 - observational data (physical, chemical, biological)
 - scientific images, videos, and their annotations
 - model outputs & data products (e.g. gridded data, GIS layers)
- @ European Nucleotides Archive (ENA):
 - sample metadata and sequences (contact Stéphane for the submission of samples)



How to deposit? - two short tutorials

- @ Zenodo:
<https://docs.google.com/presentation/d/1MfZSdyZHS5zvmNmAGHD7ki6whNAhHN1LGKRMnbSrTBg/edit#slide=id.p3>
- @PANGAEA:
<https://docs.google.com/presentation/d/16UVsP1ecw3gtZGGD87SmhVaJacdCFy8MVMewYtHXivE/edit#slide=id.p3>
- @ ENA: http://ena-docs.readthedocs.io/en/latest/prog_01.html



Don't forget to include the acknowledgement statement



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EXPLORE

PROVIDE

CONNECT

MONITOR

DEVELOP



Marine Environmental Science

Dashboard

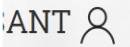
Search

Monitor

Share

Link

Stephane PESANT



PUBLICATIONS

RESEARCH DATA

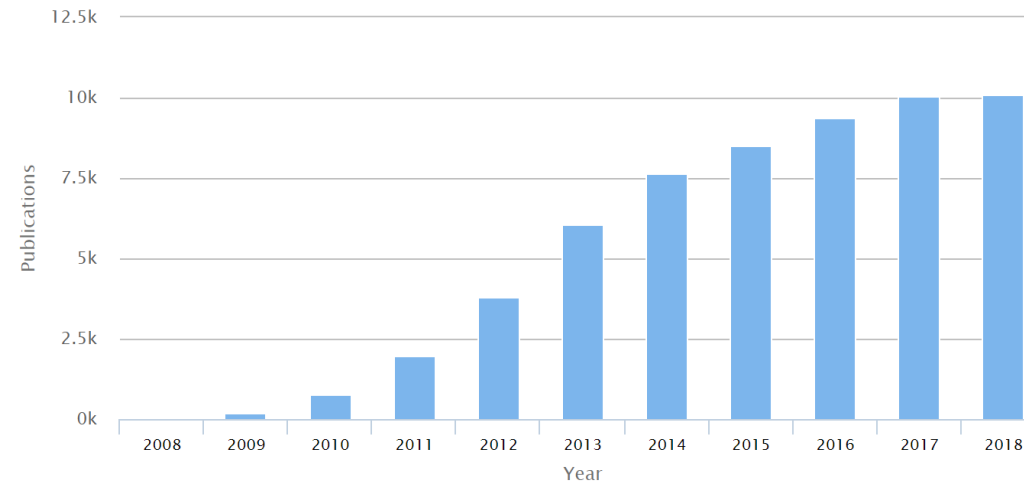
SOFTWARE

Publications statistics

10778 PUBLICATIONS 2697 PROJECTS.

6563 ARE OA , 3429 ARE CLOSED , 309 ARE RESTRICTED AND 31 ARE STILL IN EMBARGO.

Publications through the years

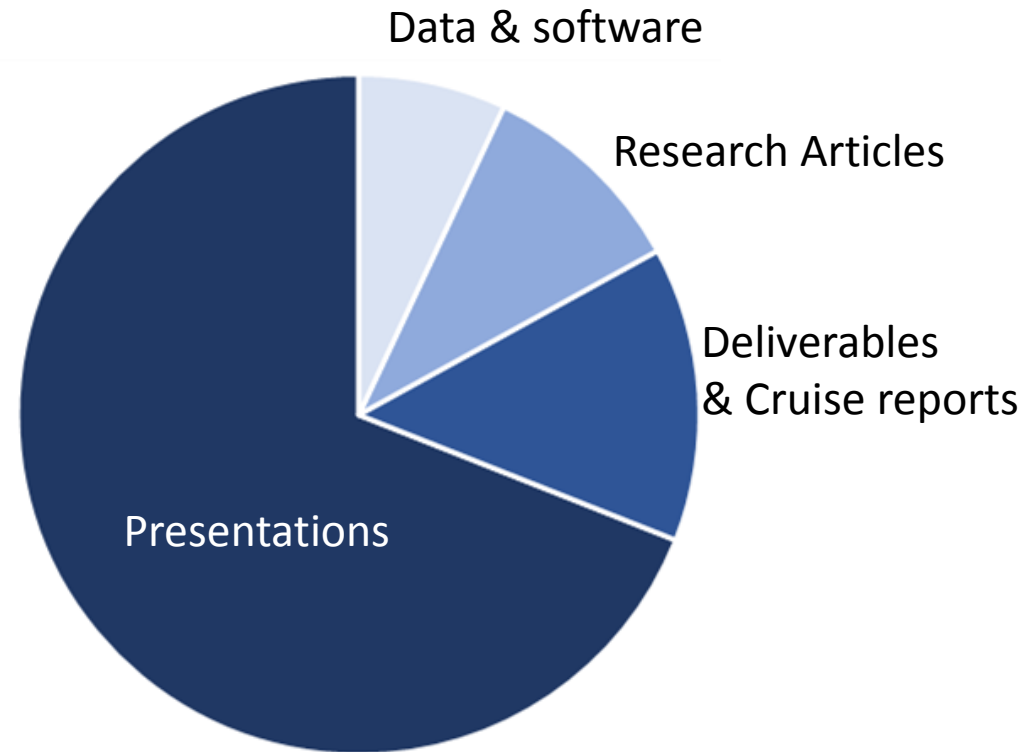
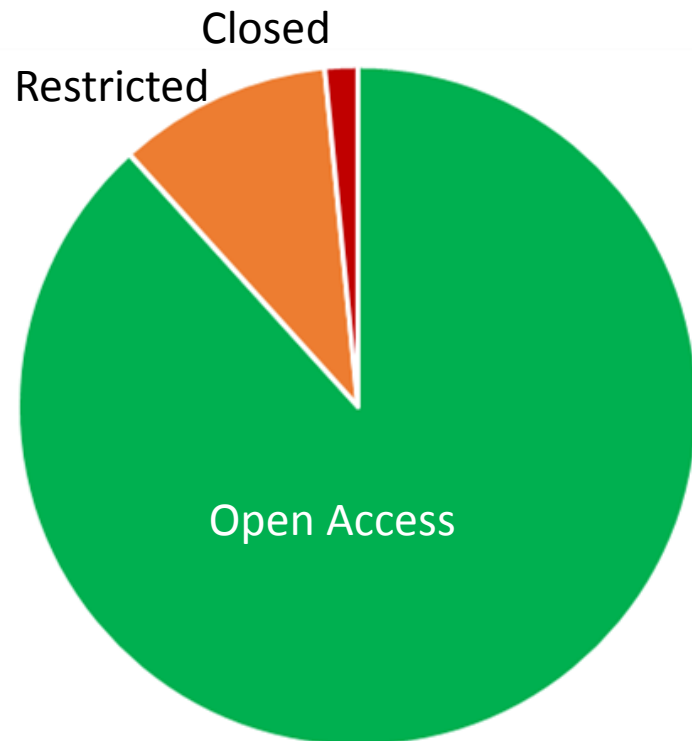


<https://beta.mes.openaire.eu/>

feedback



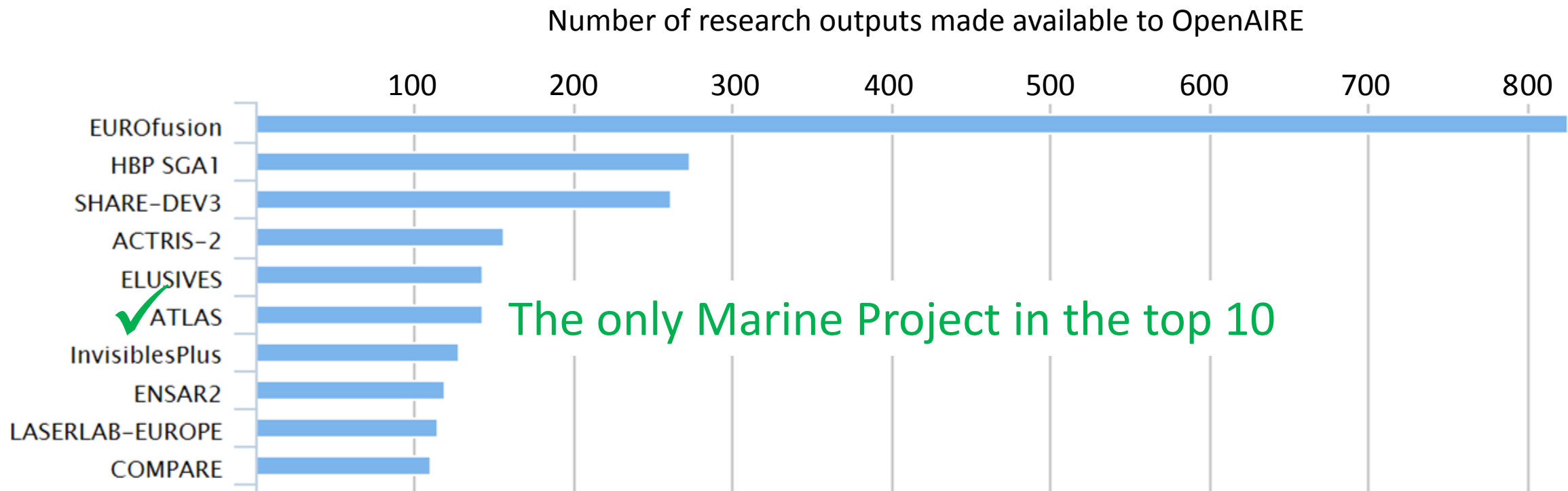
ATLAS Research outputs (Total 140)





OpenAIRE's "Top10" – H2020 projects with the most reported research outputs

Total: 3,766 projects (2014-present ... all disciplines confounded)

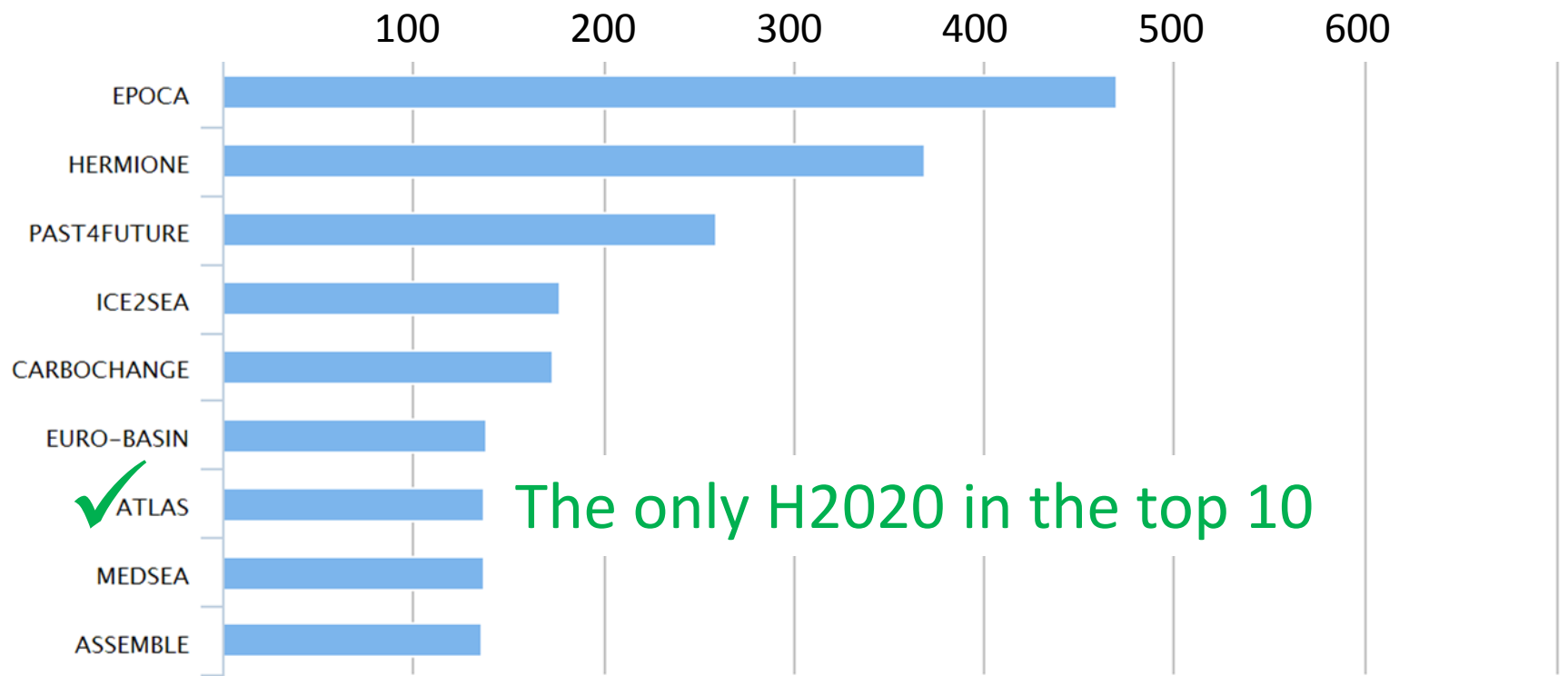




OpenAIRE's "Top10" – Marine Science projects with the most reported research outputs

Total: 2,697 projects from FP7 (2007-2013) and H2020 (2014-2020)

Number of research outputs made available to OpenAIRE





Individual meeting during the GA

- Emails were sent re. cruise data, article-related data, lists of samples
- Please indicate your availability here

https://docs.google.com/spreadsheets/d/1k_AYuOqQKSxqHSJr7oAuFVKHEAWxtkKcKmUOQ7EYF1M/edit?pli=1#gid=1575981625

	A	B	C	D	E	F	G	H
1	Day:	Monday 9	Monday 9	Tuesday 10	Tuesday 10	Tuesday 10	Tuesday 10	Wednesday 11
2	Time:	15:05-16:15	17:00-18:00	09:30-11:00	11:45-13:45	14:45-16:15	17:00-18:30	09:30-11:00
3	Concurrent activity:	Breakout 1	WP3	WP7	WP5-6	Breakout 2	Breakout 3	WP2
4	NAME:	Genetic connectivity	Biodiversity and biogeography	Policy Integration	Ecosystem Services & Maritime Spatial Planning	Habitat Species Distribution modelling	Refining the Policy Perspective	Ecosystem functioning
5	Case Study Leaders - discuss data layers to be included in the EU Atlas of the Seas				X			
6	Lea-Anne							X
7	Claire	X						
8	Laurence						X	
9	Telmo Morato	X						X



Case Study observational data & GIS layers

- Case Study leaders listed data sets (observations) here:
<https://docs.google.com/spreadsheets/d/13H-K4kSJFc0e5fNJAvl6KJvhEEwqm0aGXVUXipErbSg/edit#gid=1743327039>
- Case Study leaders listed data products (GIS layers) here:
<https://docs.google.com/spreadsheets/d/1CZBkb-poxdjOyflbi6PDdYvleKkJKPjrOg-UIFd6ujE/edit#gid=378080734>
- Meeting this week to select priorities
- Deposit data sets and GIS layers at PANGAEA ([get a DOI and get reported to OpenAIRE](#))
- Transfer data sets and GIS layers to EMODnet & the EU Atlas of the Seas



Case Study observational data & GIS layers

- http://ec.europa.eu/maritimeaffairs/atlas/maritime_atlas/#lang=EN;p=w;bkgd=5;theme=7:0.49,73:0.8,9:1,9999104:1

EUROPEAN ATLAS OF THE SEAS
European Commission Language: English (EN) Loading: ██████████ Help Feedback Legal notice

Map
Map projection: Mercator (Arctic)
Map content: Thematic Map DIY Map
Select from the list
Layers selection: Clear all layers

- Label-Undersea relief names
- Deep-sea mineral resources (Opacity: 1)
- Undersea relief names (Opacity: 1)
- Coast line (Opacity: 0.8)
- Bathymetry

Legend

- Deep-sea mineral resources**
 - Sulphide deposits
 - Manganese crusts
 - Polymetallic nodules
- Undersea relief names**
 - Undersea relief names
- Coast line**
 - Coast line
- Bathymetry**
ATLAS Style (non-linear)
Height in meters: 6000, 1000, 800, 300, 50, 4

Map labels: Albany Seamount, Pico Fracture Zone, Azores Plateau, Acor Bank, Princesse Alice Bank, Dom Joao de Castro Reef, Santa Maria Ridge, Trident Ridge, East Azores Fracture Zone, Sedlo Seamount, Oceanographer Fracture Zone.

