

Product available

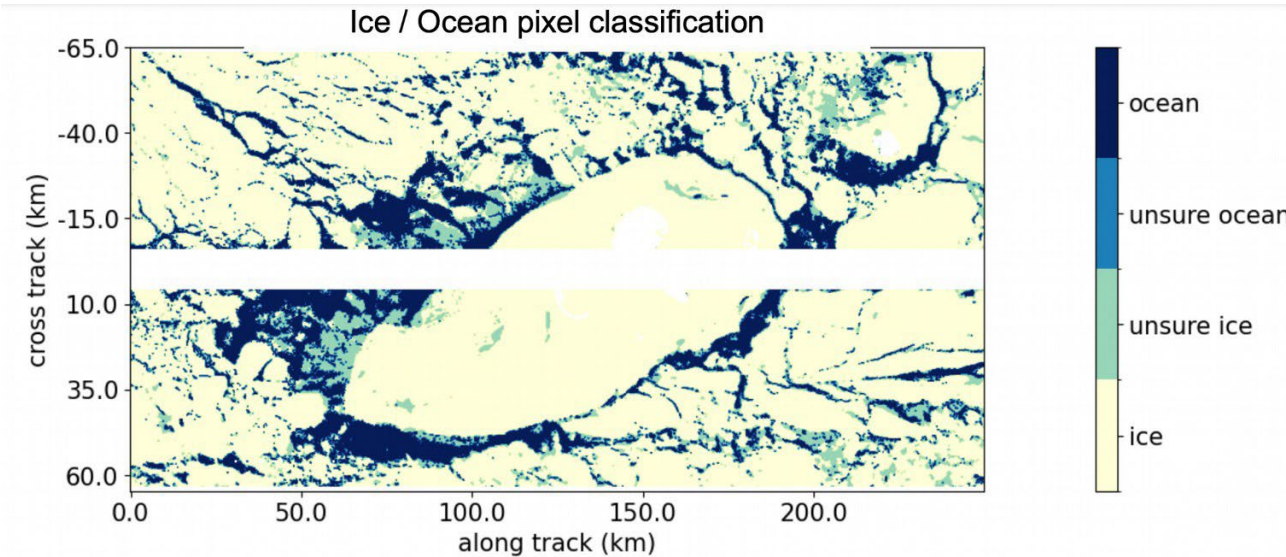


New flags for sea ice
classification available in

L3 unsmoothed

v2.0.1

→ Improvements in upcoming v3



Paper available in preprint:

New High Resolution Sea Ice Leads and Floes Classification in CNES
SWOT Product
G.Jestin, S.Fleury, M.Raynal, A.Treboutte, M.Alves, F.Piras, G.Dibarboure,
R.Chevrier

Surface type	Flag
Ice pack, ice floes	20
Probable ice (brash ice?)	19
Probable ocean (new ice?)	18
Ocean (including leads and polynyas)	0

OpenADB: DGFI-TUM's Open Altimeter Database and Its Enhanced Focus on the Coastal Zone

Denise Dettmering¹, Marcello Passaro¹, Christian Schwatke¹, Michael G. Hart-Davis¹, Florian Seitz¹, Daniel Scherer¹, Felix Müller¹

¹ Deutsches Geodätisches Forschungsinstitut, Technische Universität München (DGFI-TUM)

- OpenADB is a multi-mission satellite altimetry database developed at DGFI-TUM (<https://openadb.dgfi.tum.de/en/>)
- Data can be easily download with an API, including quick installation and code examples
- OpenADB also provides altimetry data at 1-Hz and 20-Hz reprocessed with the ALES algorithm, specifically designed for coastal altimetry

ALES Dataset Features

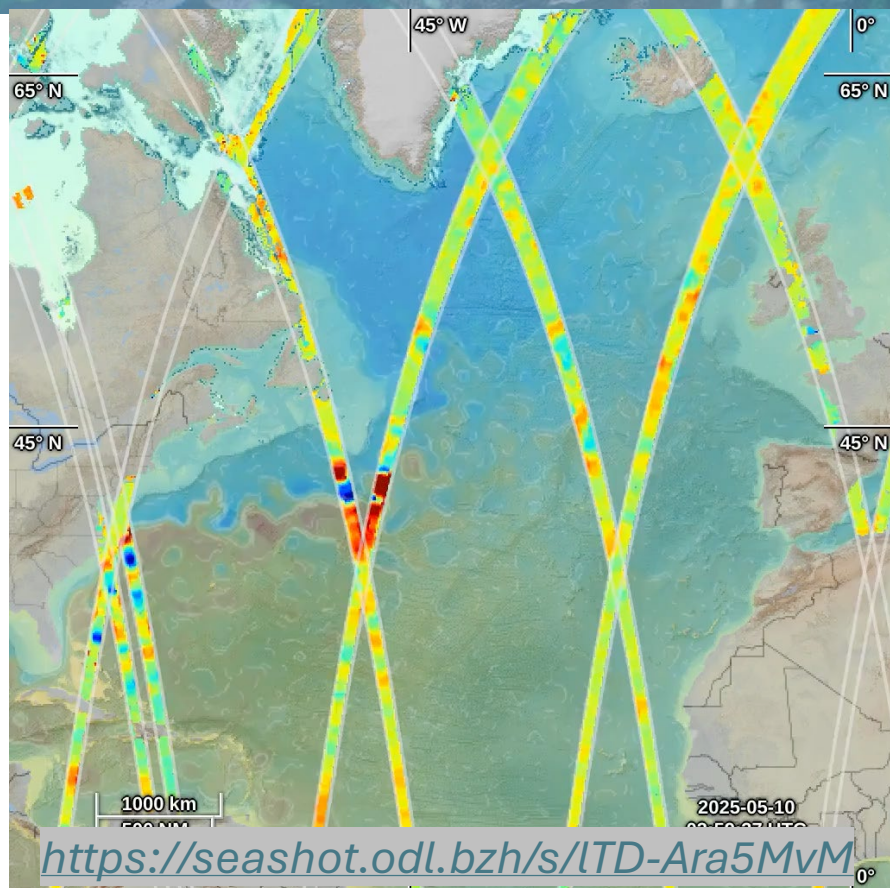
- ~**30 years of reprocessed sea level data**
- Covers **9 satellite missions**
- Fully **cross-calibrated across missions**
- Optimized geophysical corrections for coastal environments
- Supports **sea level analysis** with seamless multi-mission merging

Schwatke C., Dettmering D., Passaro M., Hart-Davis M.G., Scherer D., Müller F.L., Bosch W., Seitz F.:
OpenADB: DGFI-TUM's Open Altimeter Database. Geoscience Data Journal, 10.1002/gdj3.233, 2023

Come and visit the poster number COA2026_005 and the coastal altimetry session tomorrow!
Drop a line to marcello.passaro@tum.de if you are interested!

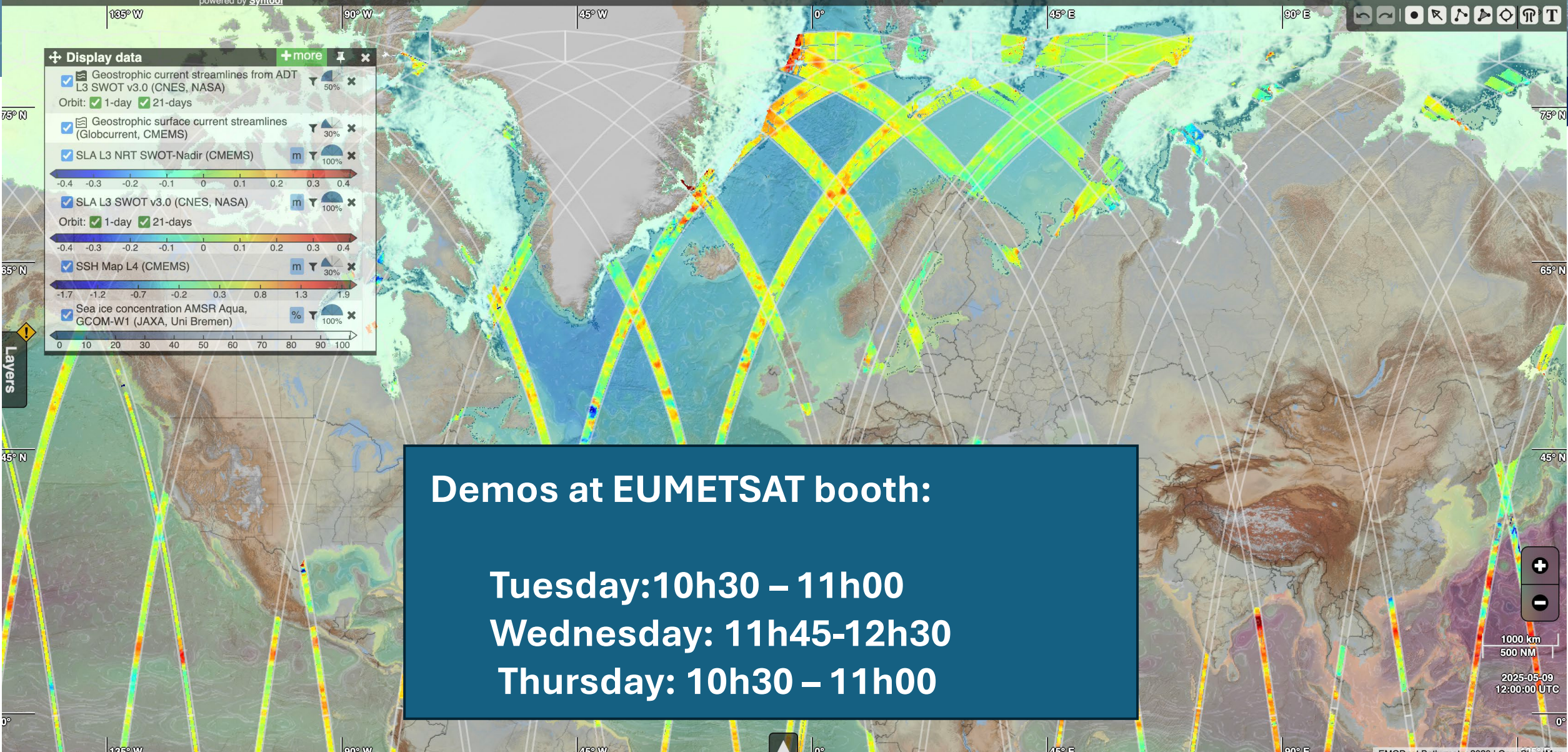
AVISO-CALVAL web data viewer

OSTST 2026



- Lucile Gaultier, OceanDataLab
- Public aimed: anyone interested in the ocean
- Medium: web data viewer for science, education and communication

- Online portal available publicly
<https://aviso-calval.oceandatalab.com>
- View SWOT, CFOSAT data collocated with many satellites observation (e.g. Sentinel 1-2-3-6), models and in-situ data
- Share using shortlink or SEAShot tool, annotated image or video
- Intercompare a wide variety of data in synergy



Demos at EUMETSAT booth:

Tuesday: 10h30 – 11h00

Wednesday: 11h45-12h30

Thursday: 10h30 – 11h00

