

SEAScope visualisation tool

OceanDataLab team



SEAScope interactive viewer

Challenges:

More and more data at very high resolution

Benefit from the synergy of available satellite data (e.g. Sentinel 1-2-3)

Solutions:

Provide tools to open, visualise, compare and blend easily data collocated in time and space

Proposed tool:

SEAScope stand alone interactive viewer

SEAScope interactive viewer

- Free and open source
- Work on Linux, macOS and Windows
- Coded in C++, OpenGL, Python
- 3D earth no data projection
- Dynamical rendering
- Two ways interaction with Python
- Available on seascope.oceandatalab.com

LET'S PLAY ...

SEAScope interactive viewer

Bottom line: new tool coming to help you enjoy SWOT data

- You can download SEAScope and sets of test data on seascope.oceandatalab.com

More to come:

- SEAScope will be available on CNES super computer HAL by 2020
- Possibility to play with CNES Datalake data + simulated SWOT data using

SEAScope by 2020