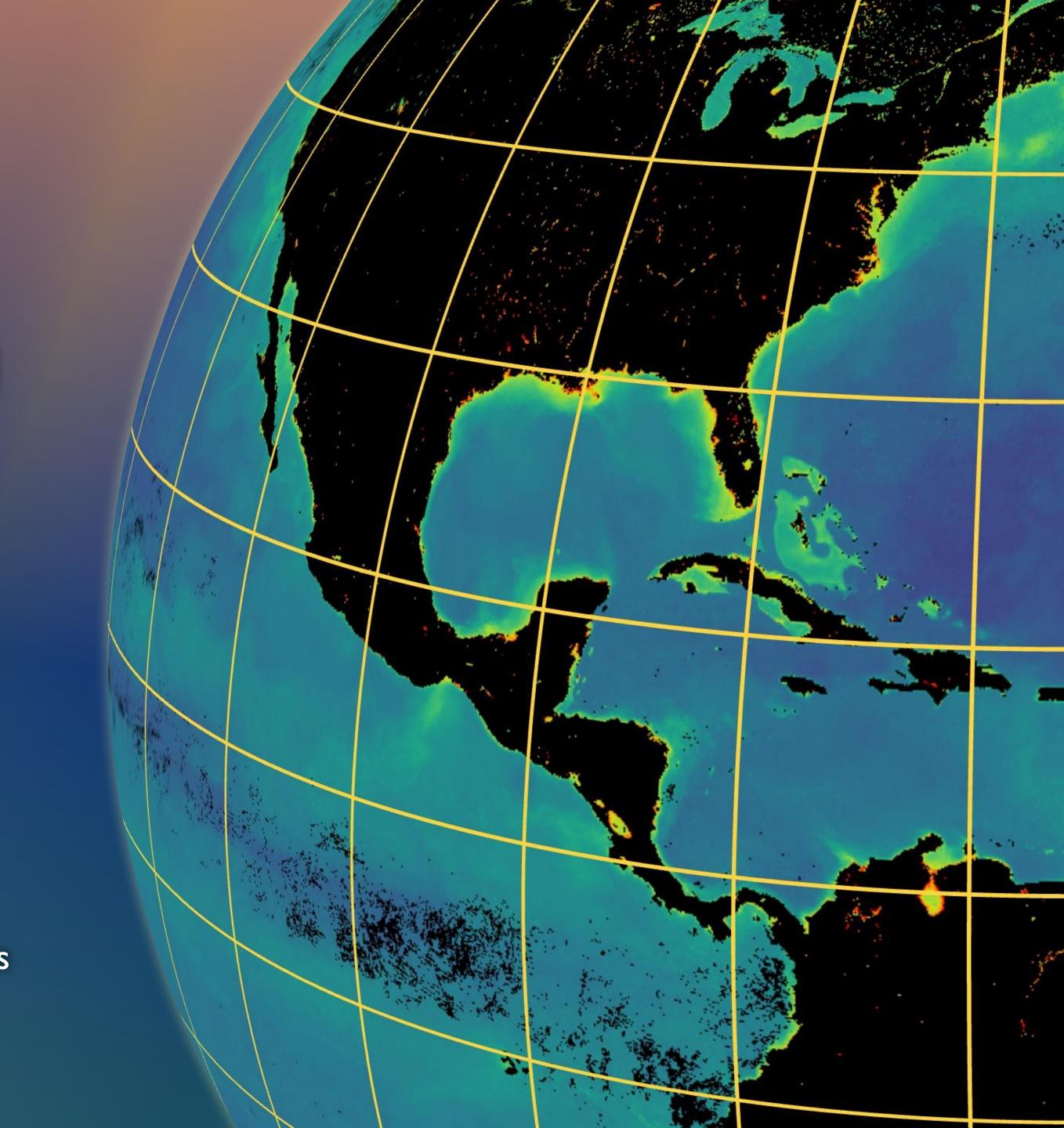


The CoastWatch Version 0.7 beta

Peter Hollemans

Terrenus Earth Sciences & RIVA Solutions for NOAA/NESDIS CoastWatch Central Operations



Typical steps for using new data



ERDDAP



Level 2 & 3 datasets



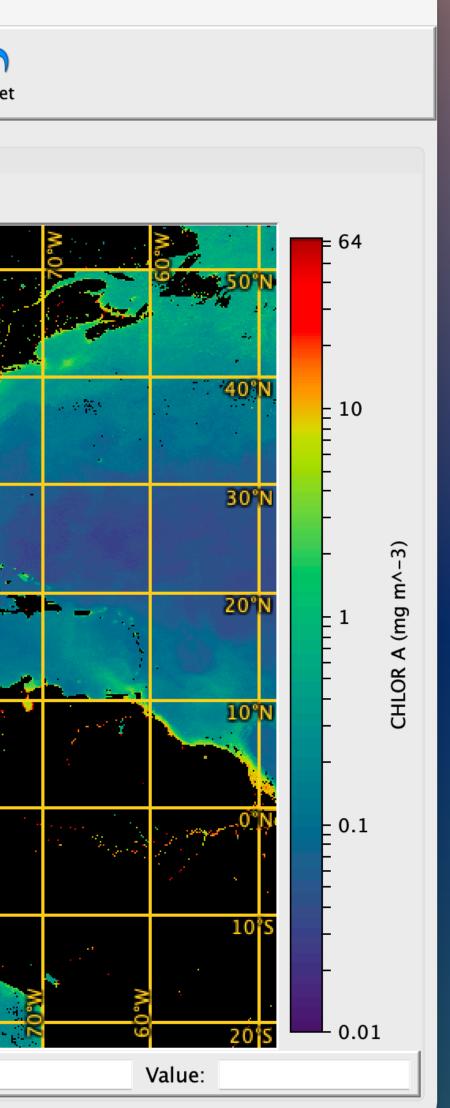
The goal of the CoastWatch Vertigo Project is to simplify the process of searching for and using data.

> Google Earth Amazon Engine **S**3



The CoastWatch Data Analysis Tool (CDAT) was designed in 2001 for displaying data in CoastWatch product files.

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Local data files

Display in native data projection

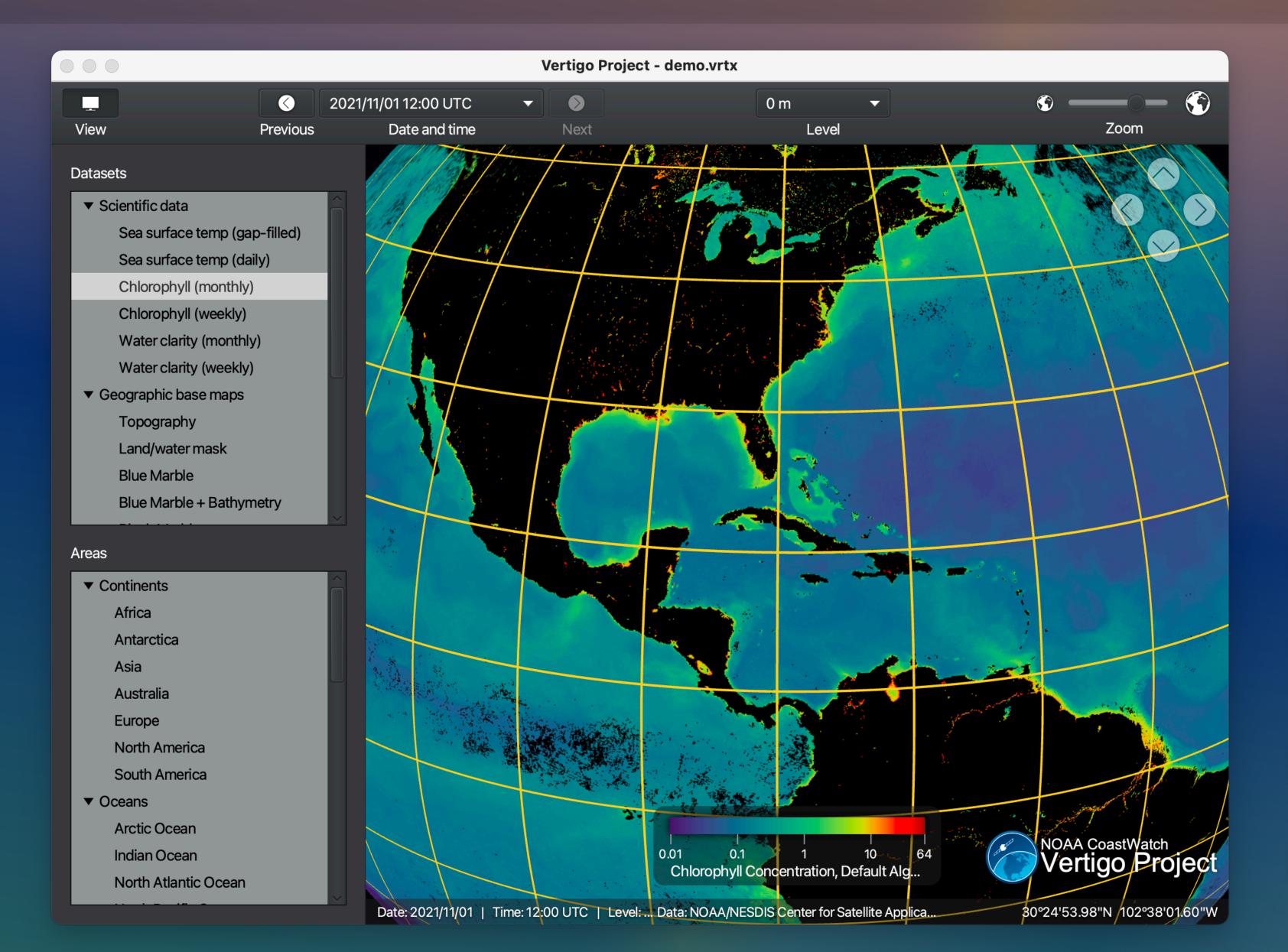
Single time/level image display

Simple per-image analysis

Data/image export





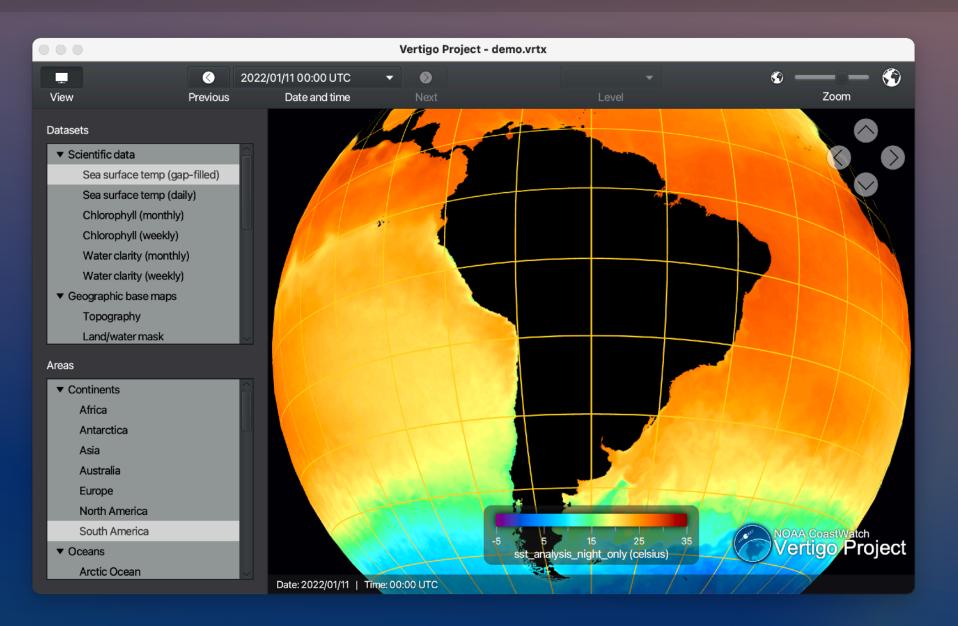


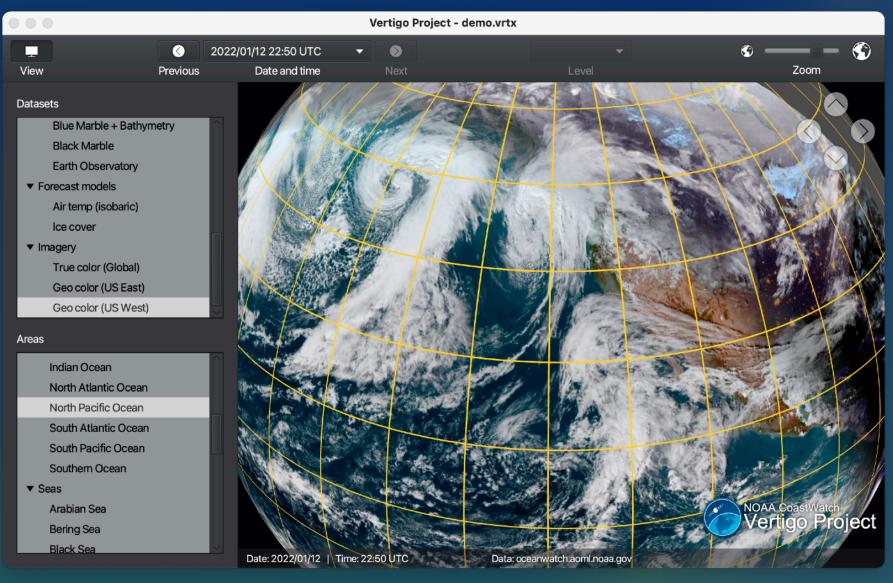
Vertigo will improve on CDAT and provide an intuitive interface for data search, visualization, and data extraction across data providers and servers.

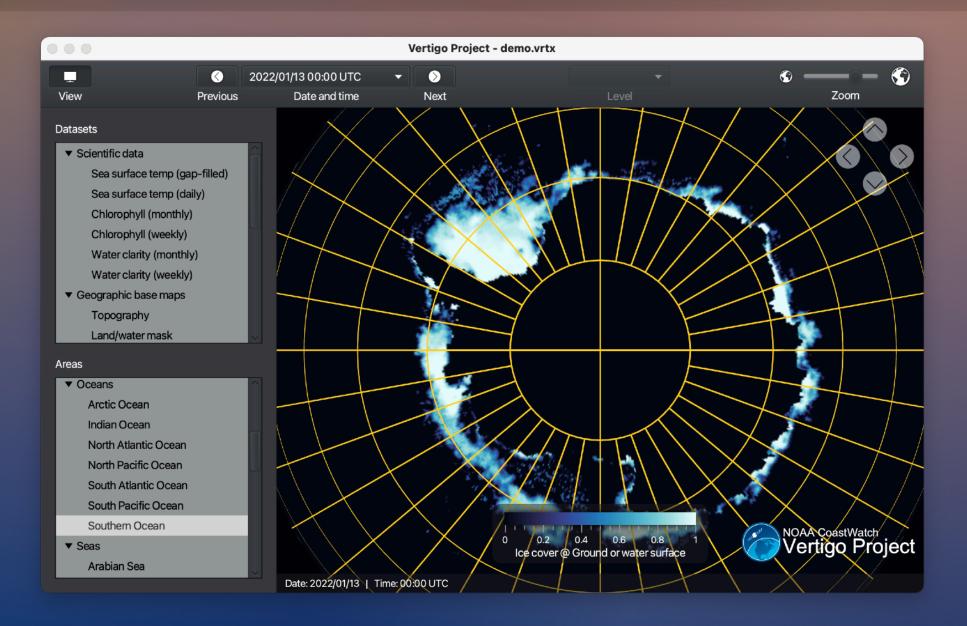


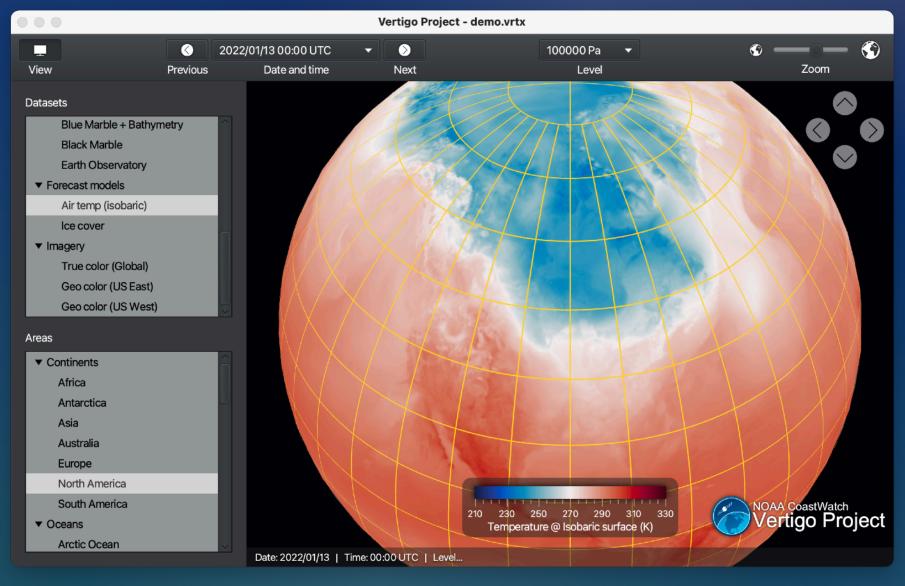
Local data files + remote servers Display on a virtual globe Multi time/level display Time series data extraction Data/image export Project files

Vertigo 0.7 beta supports single layer display of local or remote level 2 and 3 data, tiled web maps, multiple time steps and levels, and snapshots.















Vertigo 0.7 beta is available on Github with build instructions, installable packages for all major operating systems, and YouTube video demos.

https://github.com/phollemans/vertigo









