

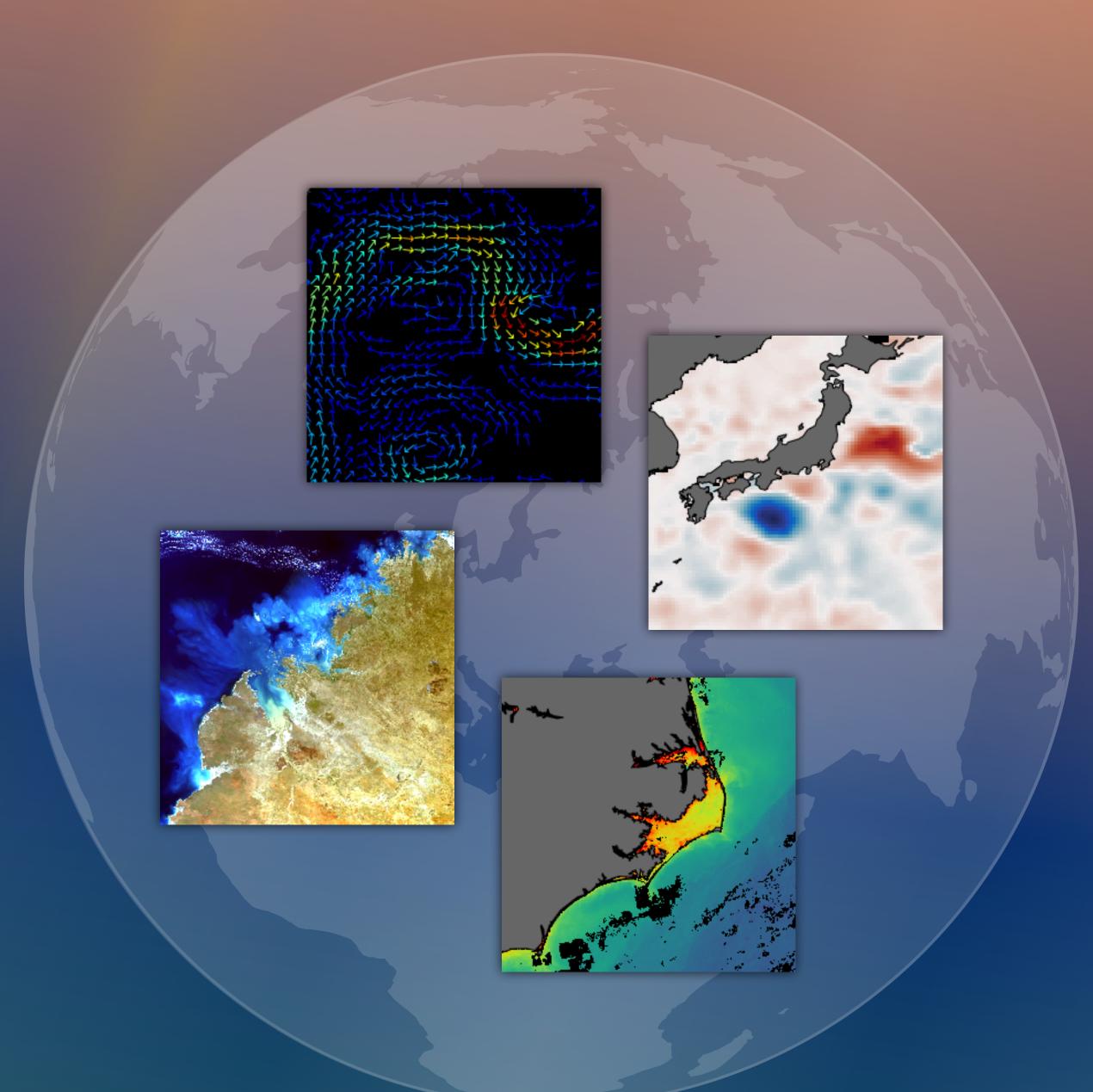


The Coast Vatch Utilities 2023 Update

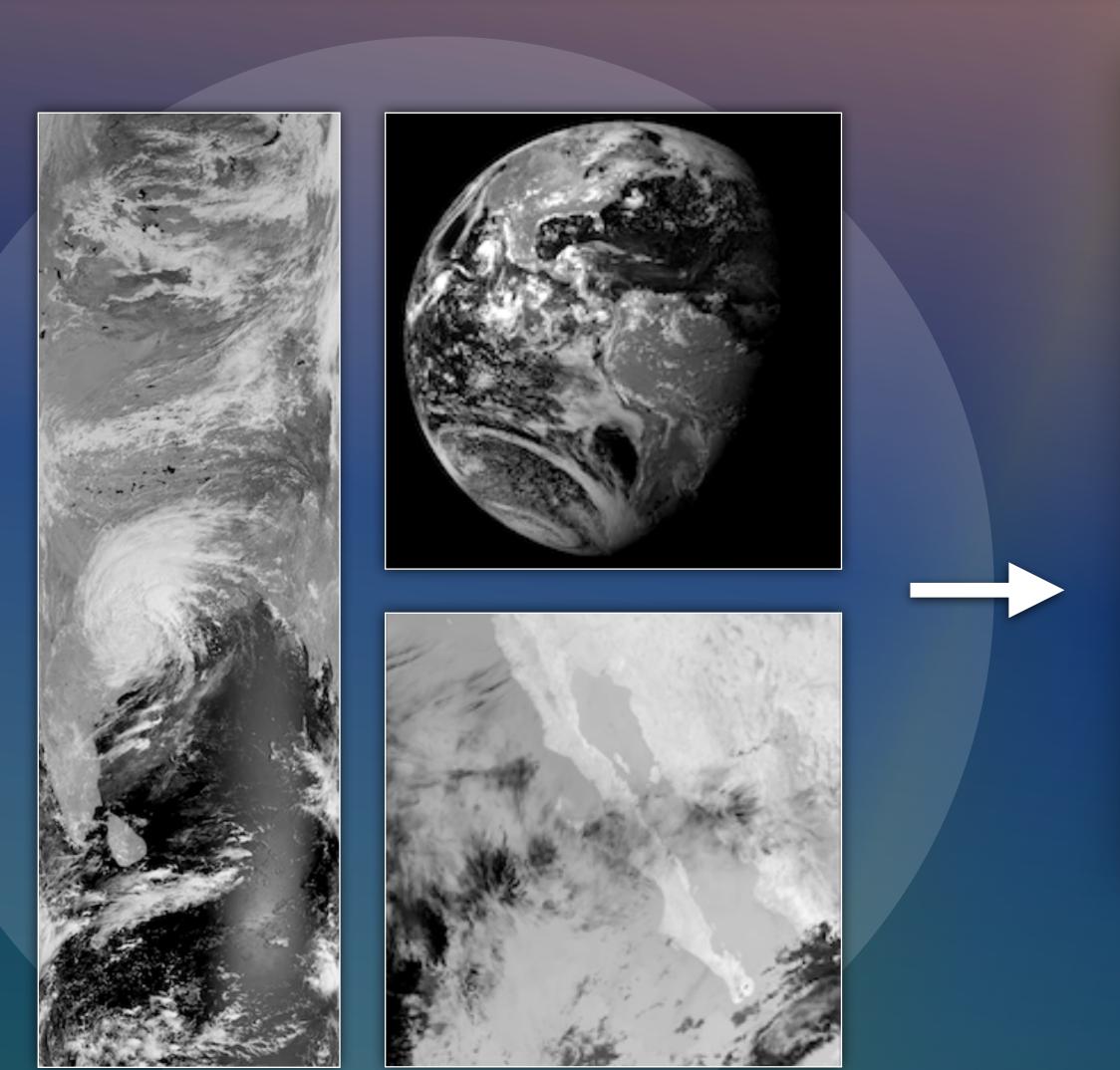
Peter Hollemans

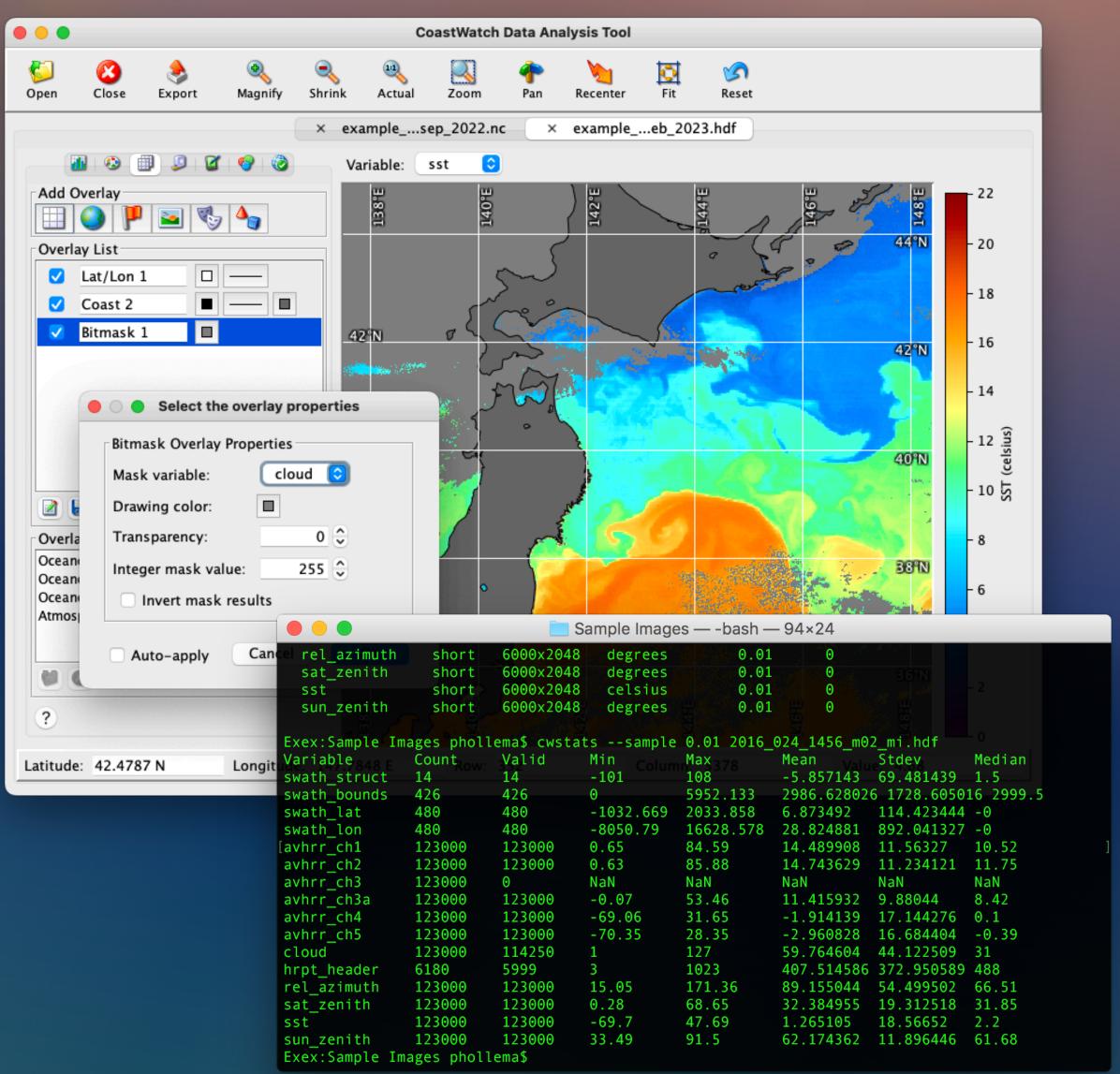
Terrenus Earth Sciences & RIVA Solutions for NOAA/NESDIS CoastWatch Central Operations

CoastWatch Annual Meeting Honolulu, Hawaii, May 2023

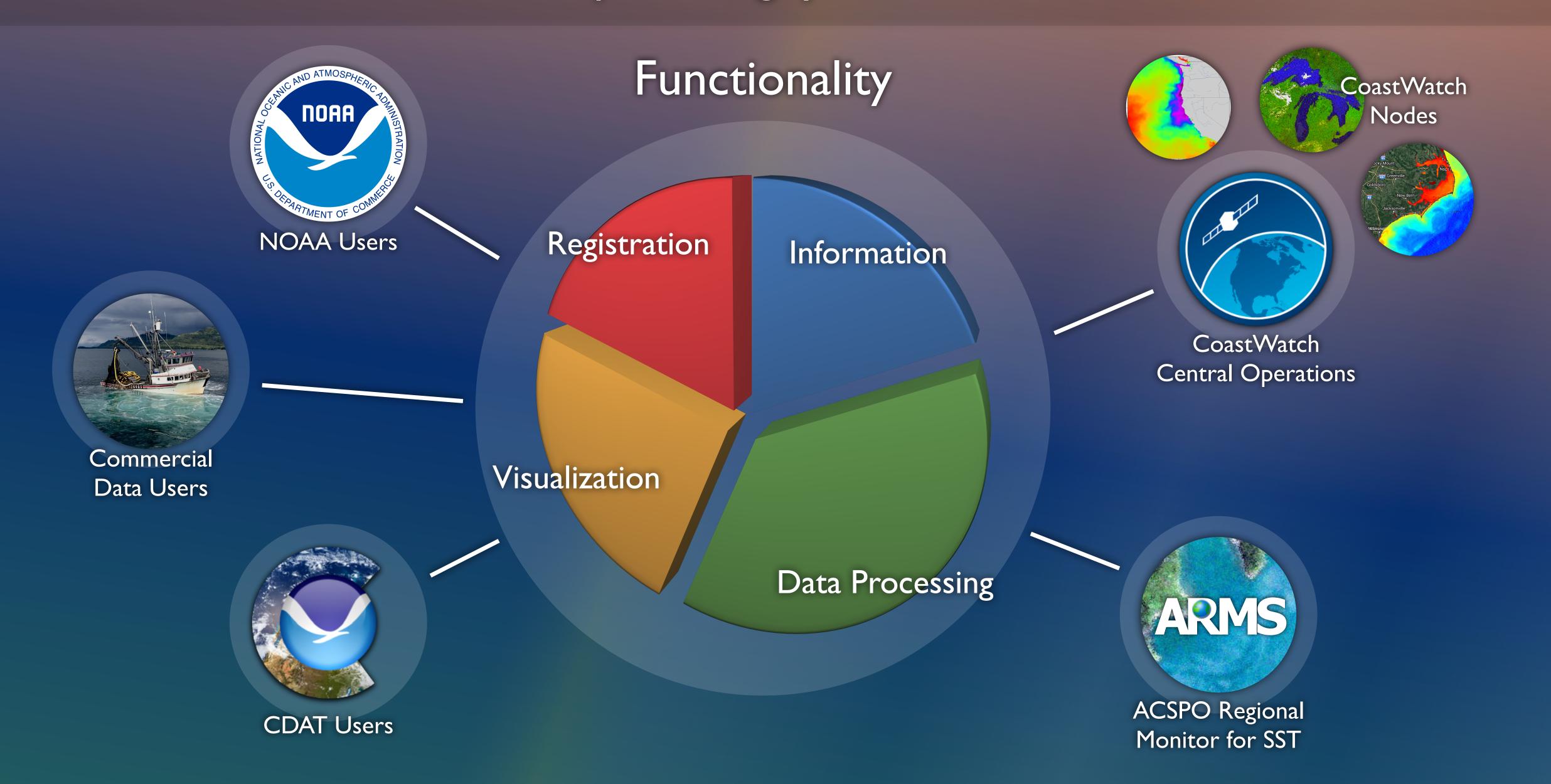


The CoastWatch Utilities are designed to process and transform satellite data in useful ways for data producers and users.





The software is actively used by a number of groups and forms an essential part of data processing systems.



New versions are created twice a year and distributed from the CoastWatch central operations website.

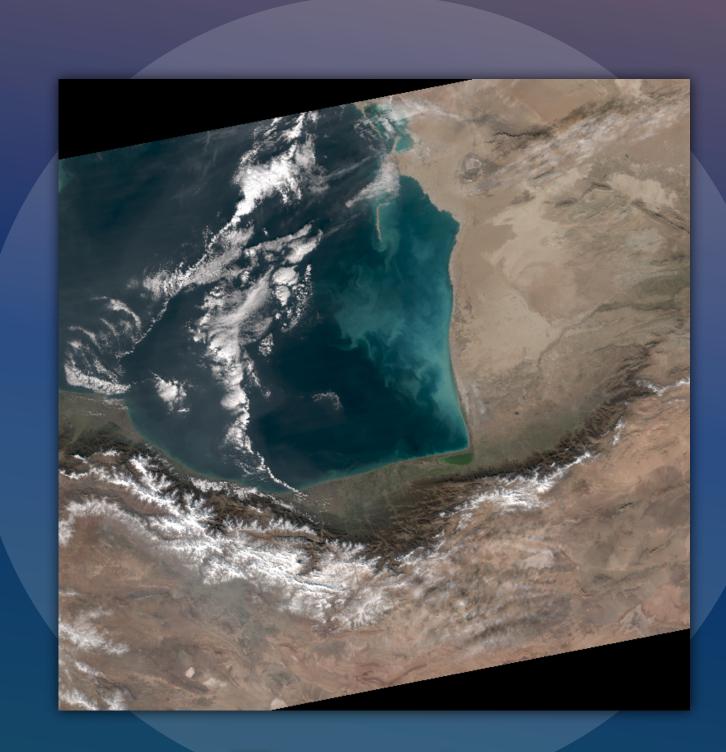


Installable packages: coastwatch.noaa.gov (look in Data Tools)

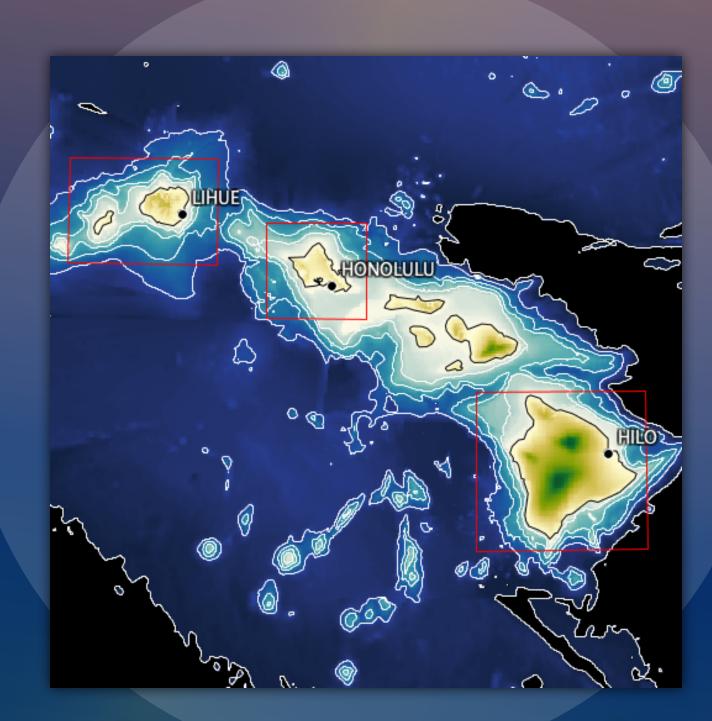
Open source: github.com/phollemans/cwutils

The latest release includes a number of useful improvements.

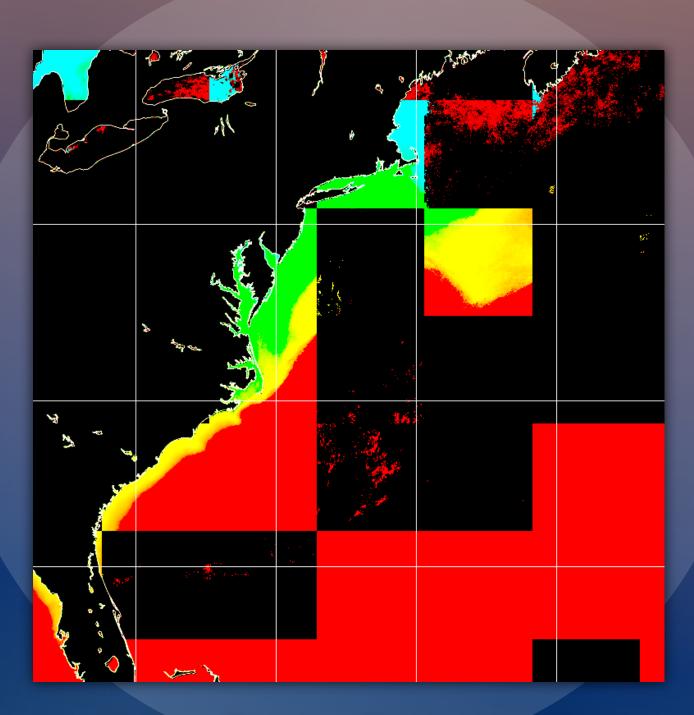
Release 3.8.0 — May 2023



True color correction tool



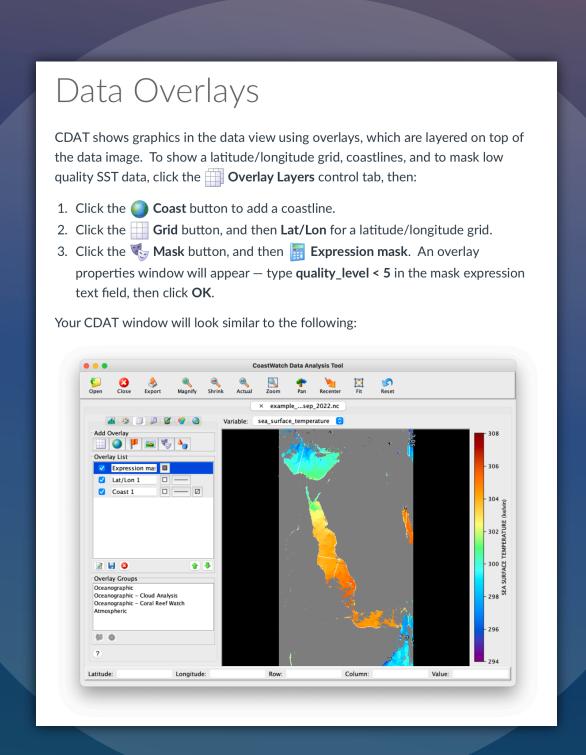
Easier rendering of polygons and labels

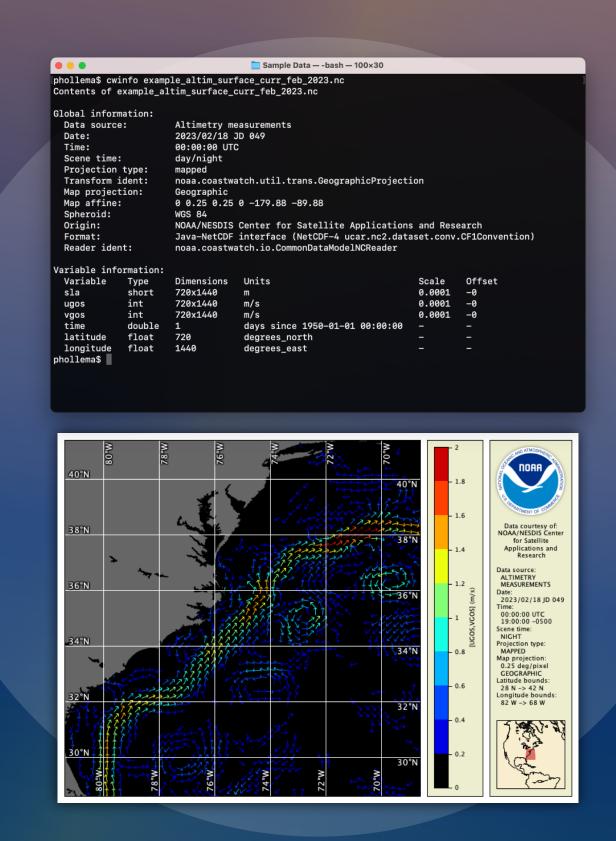


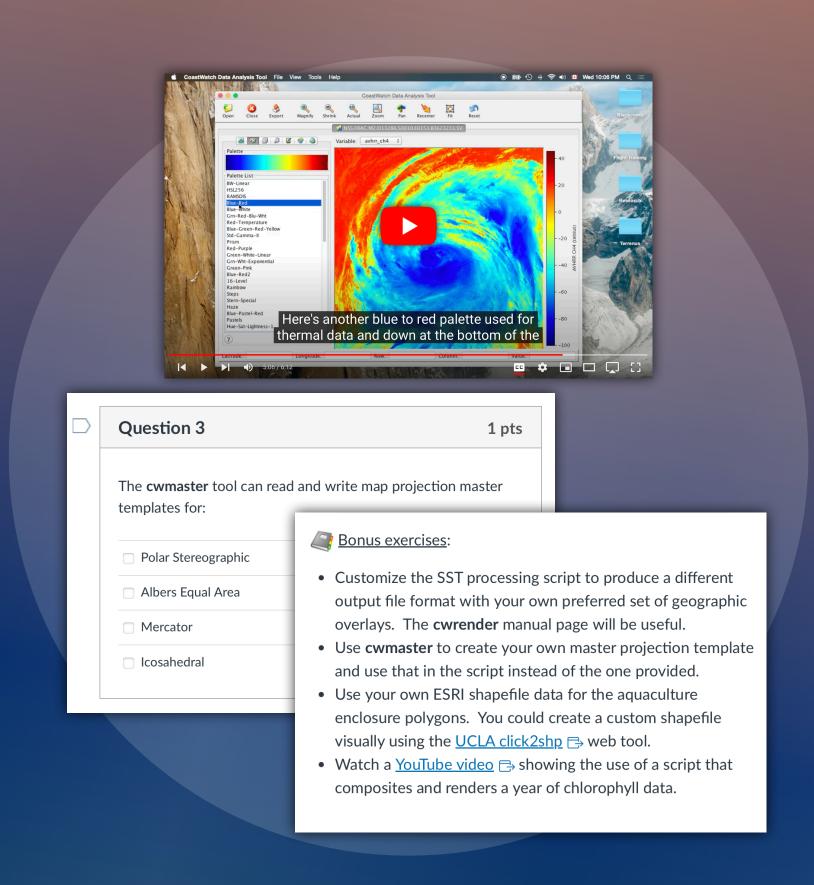
Bug fixes for math, composite, general I/O

Also: New tool options, documentation updates

The CoastWatch Utilities now has its own online training course.





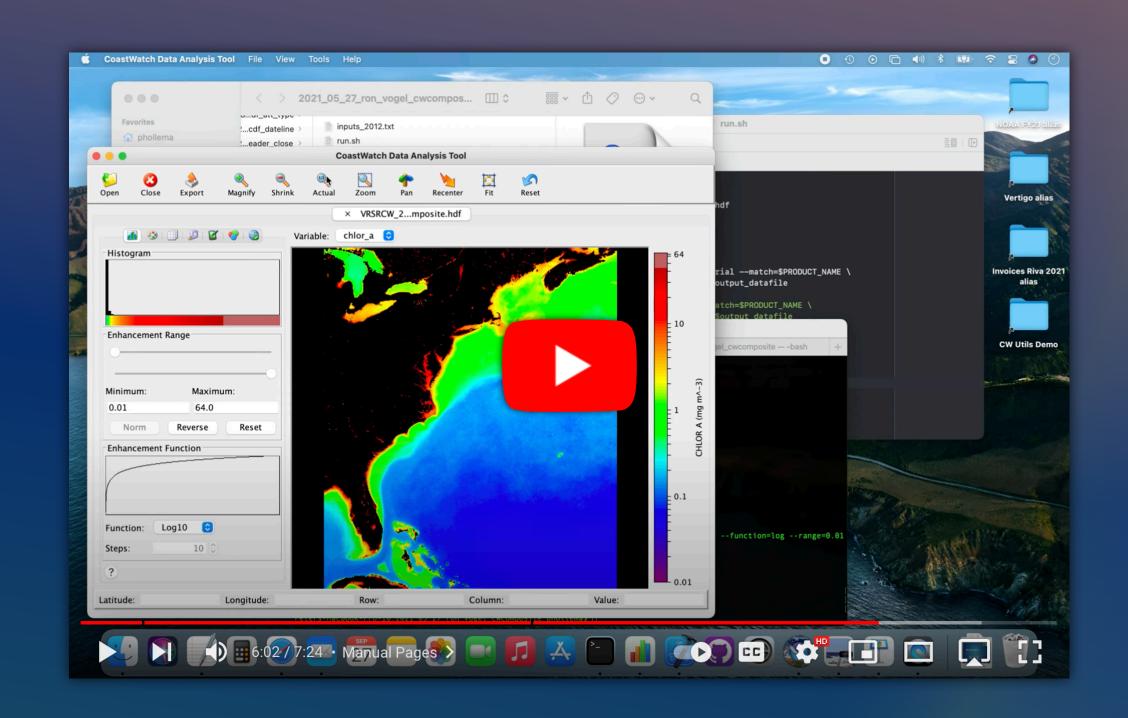


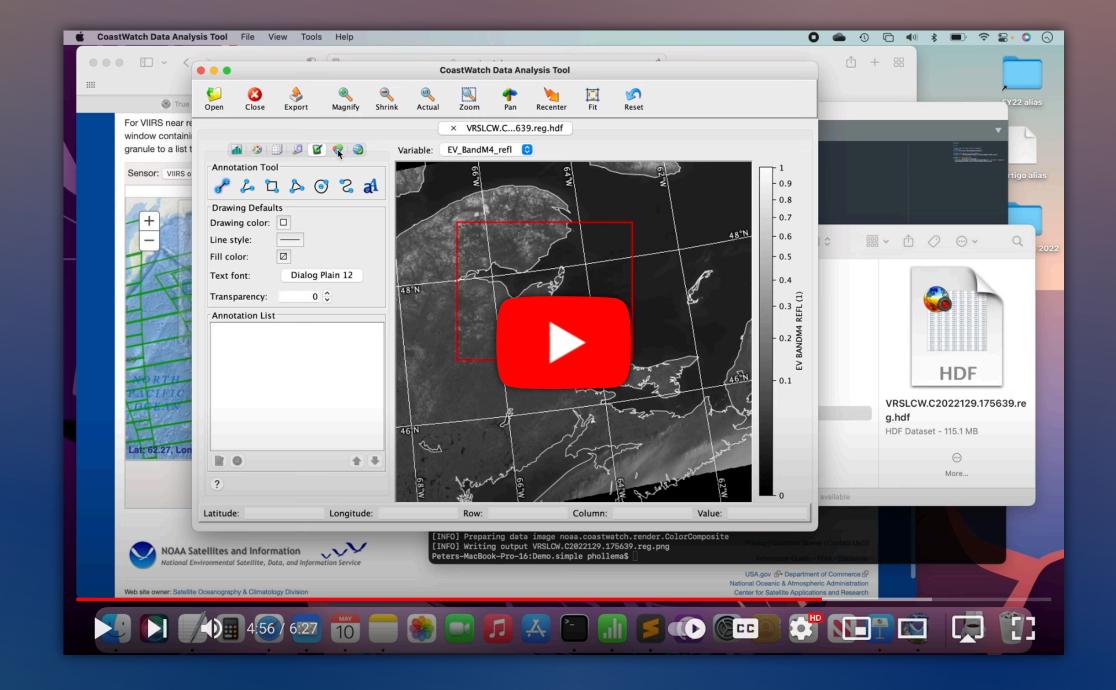
Step by step use of CDAT with screen captures

Example command line calls and output

Assignments, quizzes, bonus exercises, and videos

Several recent demos are available online.





2021 demo: https://youtu.be/wAjttnTBRBA

2022 demo: https://youtu.be/ZISvOvd7LPU