



Chris Proctor

NASA Goddard Space Flight
Center/SSAI

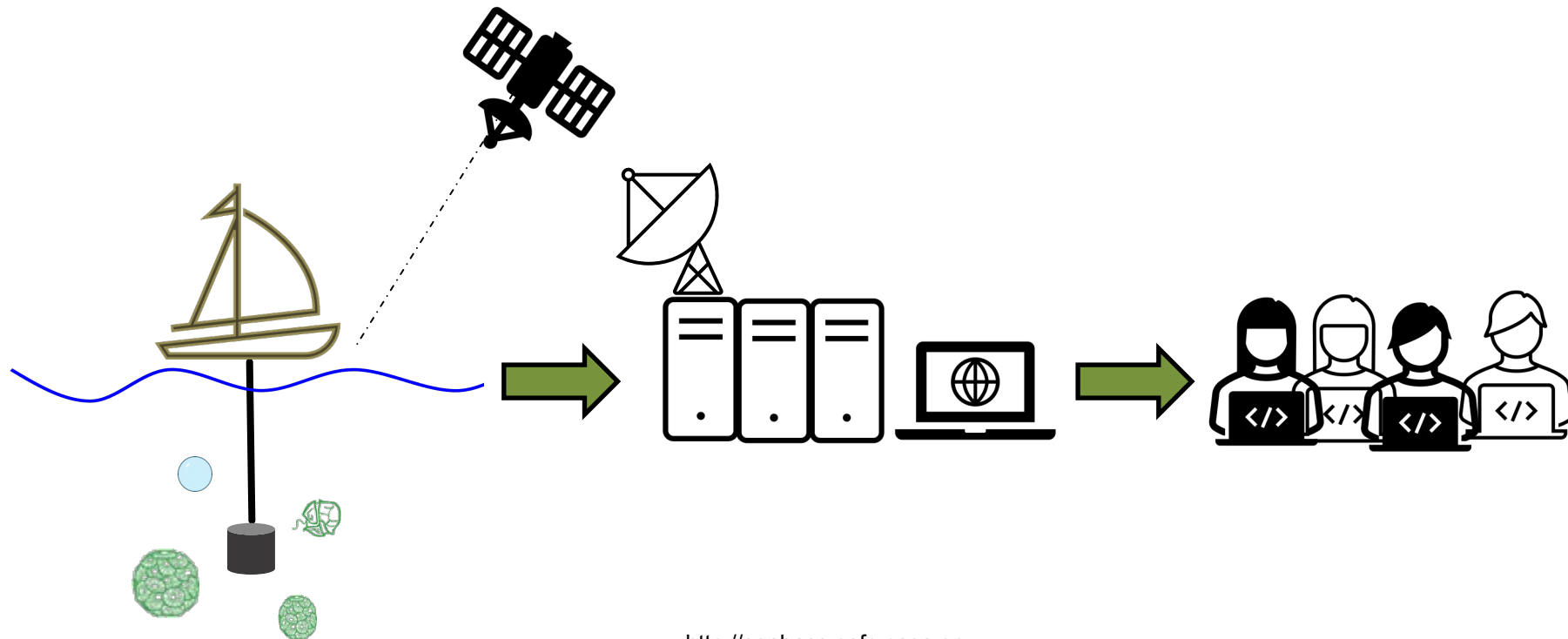
christopher.w.proctor@nasa.gov

SeaBASS Update

SeaBASS Update

NASA Ocean Color Research Team (OCRT)

Sept 7, 2022



Topics / Outline

1. Recently archived data
2. Submission reminders
3. AOP profile processor (VSB)
4. Validation
5. Misc.



Chris Proctor
SeaBASS manager



Inia Soto Ramos
Data manager



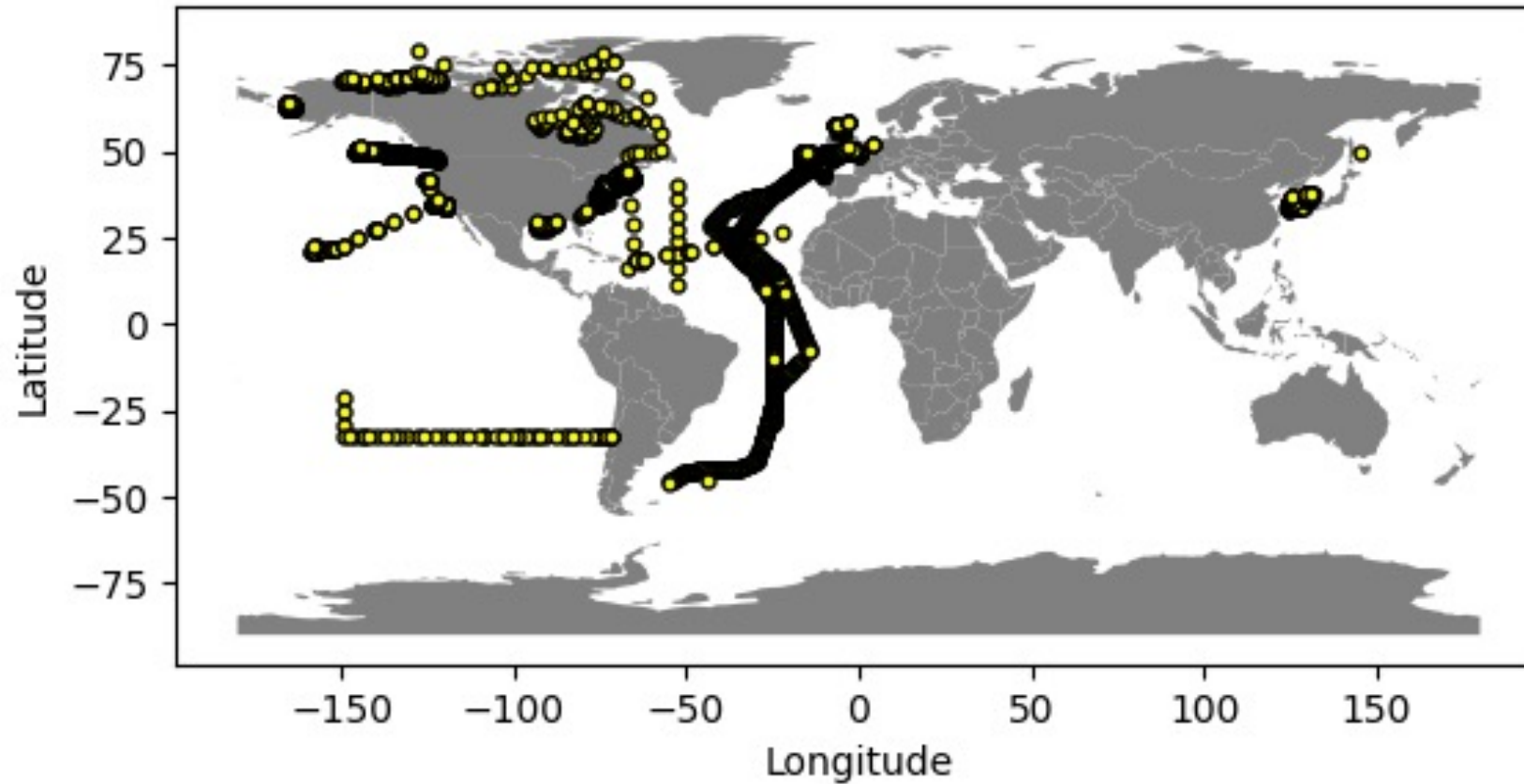
David Norris
Developer

Extended SeaBASS team
includes many others!

- Field Support Group
Subject Matter Experts
- NOMAD leader (Violeta)
- Other developers (e.g.,
Noah), and scientists

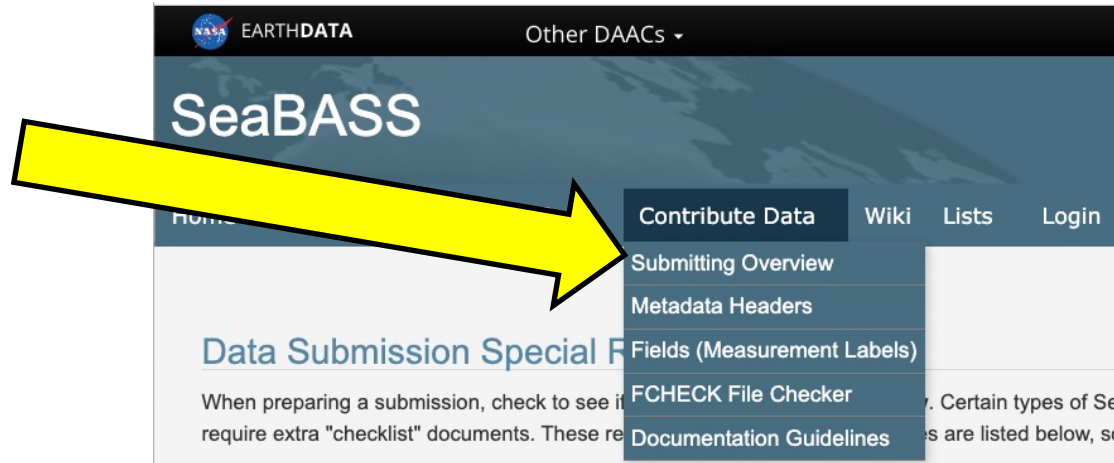
Recently Archived Data Summary

Nearly 10,000 data files from 60 cruises since Sept 2021



From: EXPORTS, Superyacht_science, GO-BGC... and many more projects!

How do I contribute data?



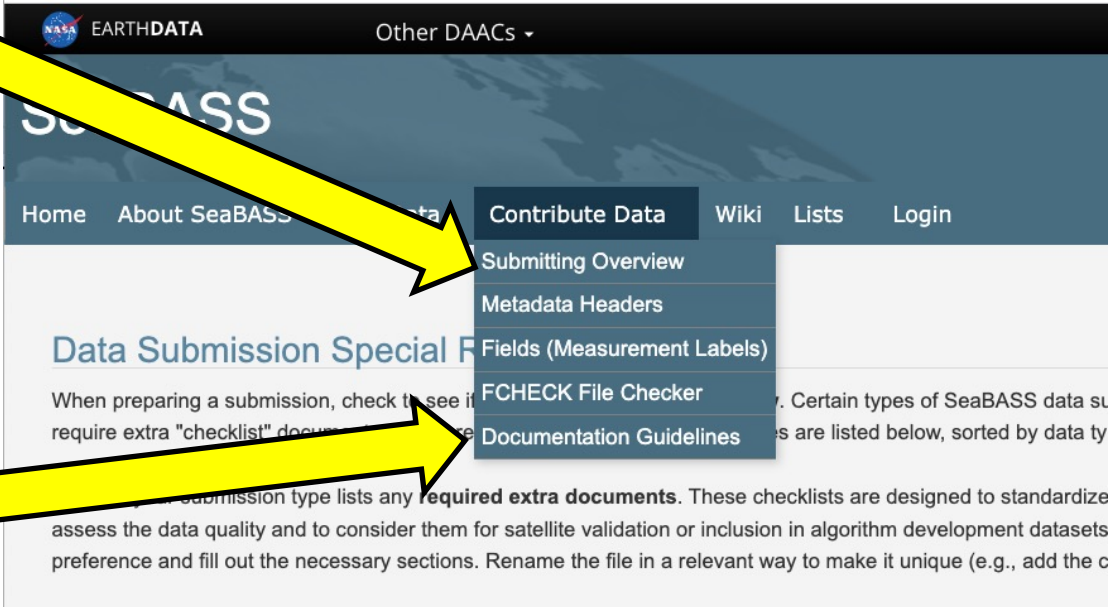
Email us!

seabass@seabass.gsfc.nasa.gov

- **Request SFTP submitter account**
- **Register new project info**

Reminder: Submission Requirements

Data Contributors: check the requirements page for metadata requirements & checklists

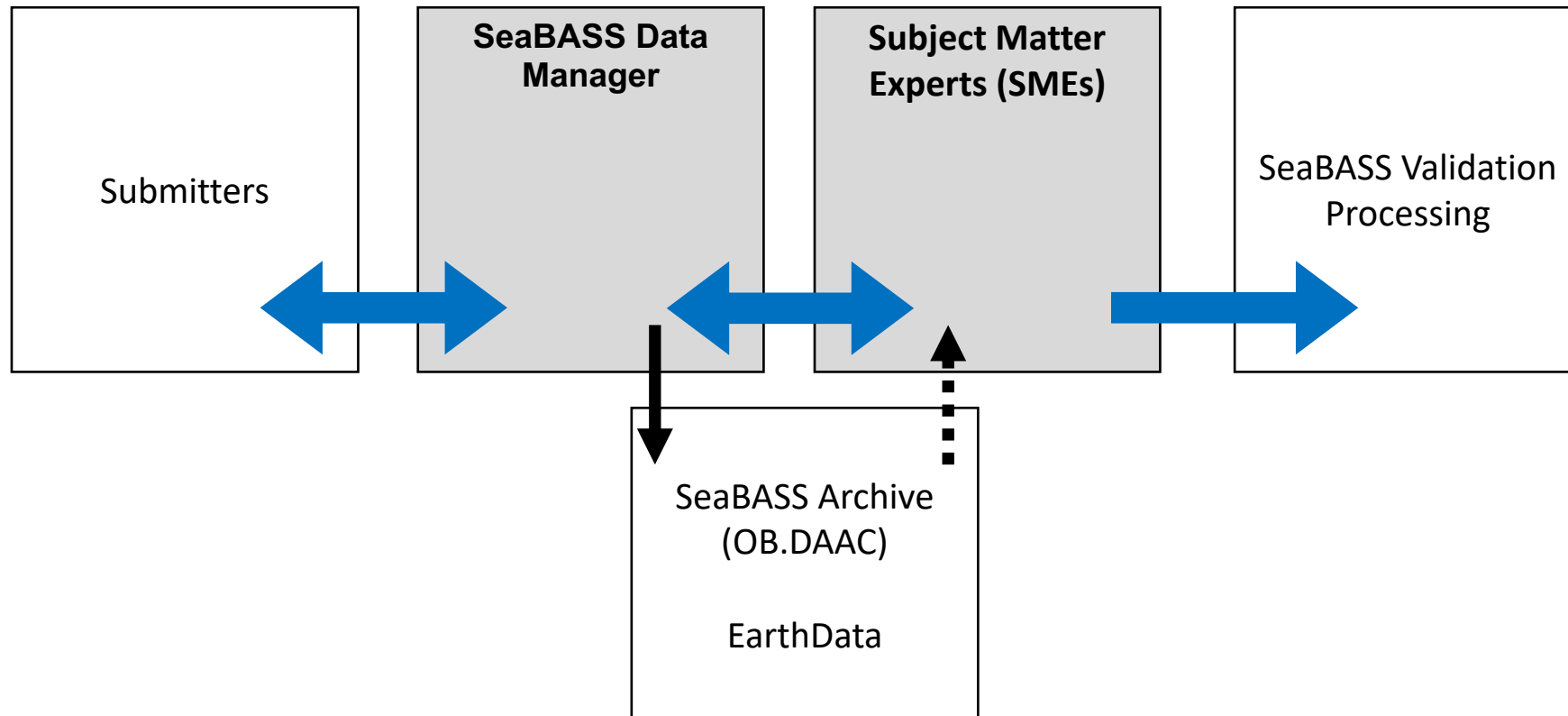


The screenshot shows the SeaBASS website interface. At the top, there is a NASA EarthData logo and a dropdown menu for 'Other DAACs'. Below this is a navigation bar with links for 'Home', 'About SeaBASS', 'Contribute Data', 'Wiki', 'Lists', and 'Login'. The 'Contribute Data' link is highlighted, and a dropdown menu is open, showing options: 'Submitting Overview', 'Metadata Headers', 'Fields (Measurement Labels)', 'FCHECK File Checker', and 'Documentation Guidelines'. Two large yellow arrows point from the left towards the 'Submitting Overview' and 'Documentation Guidelines' options in the dropdown menu. Below the navigation bar, the page content includes a section titled 'Data Submission Special Fields' with introductory text about submission requirements and checklists.

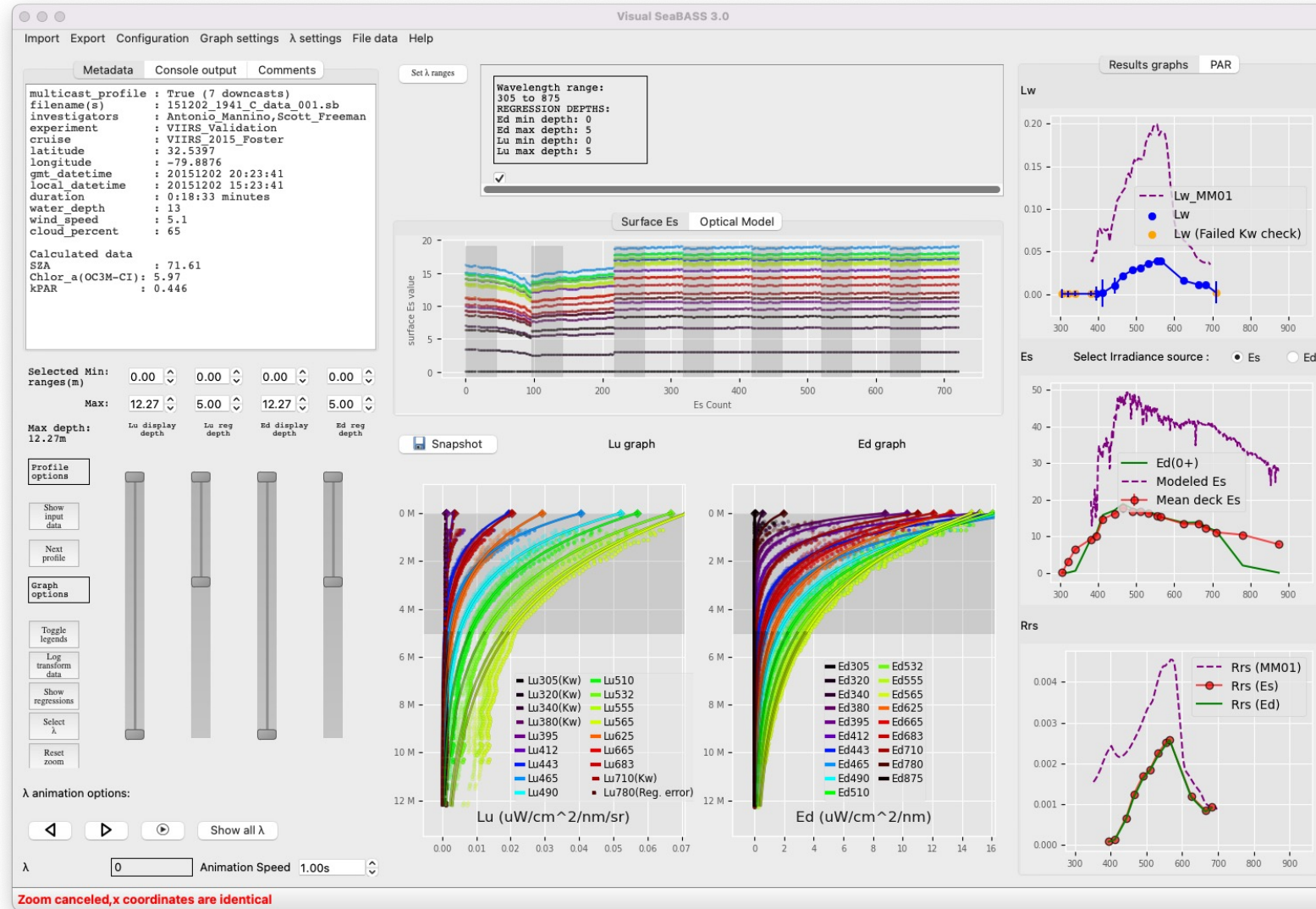
Submission Feedback Cycles

Submissions (esp. validation products) are reviewed by SMEs

Submitters might be asked for clarifications or resubmissions

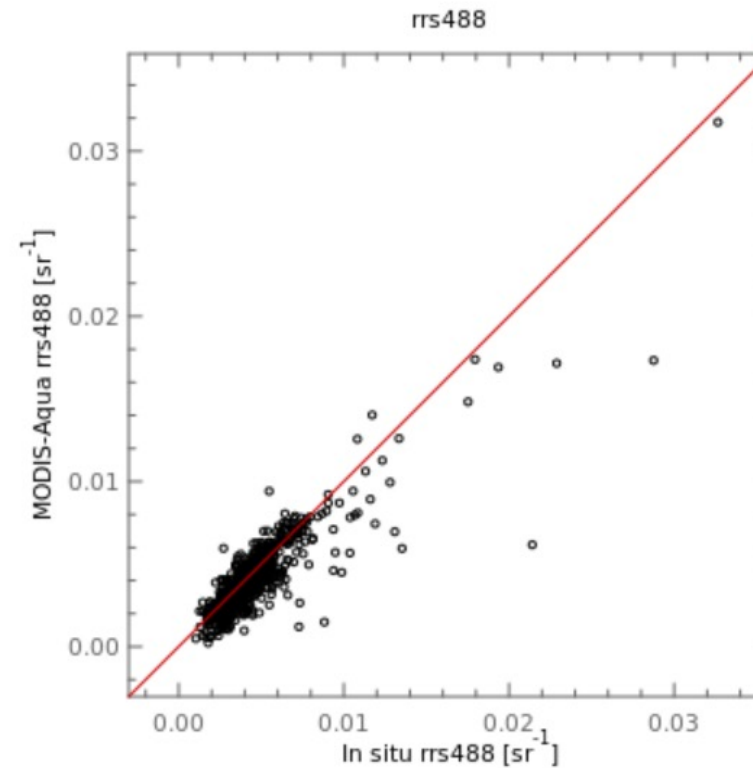
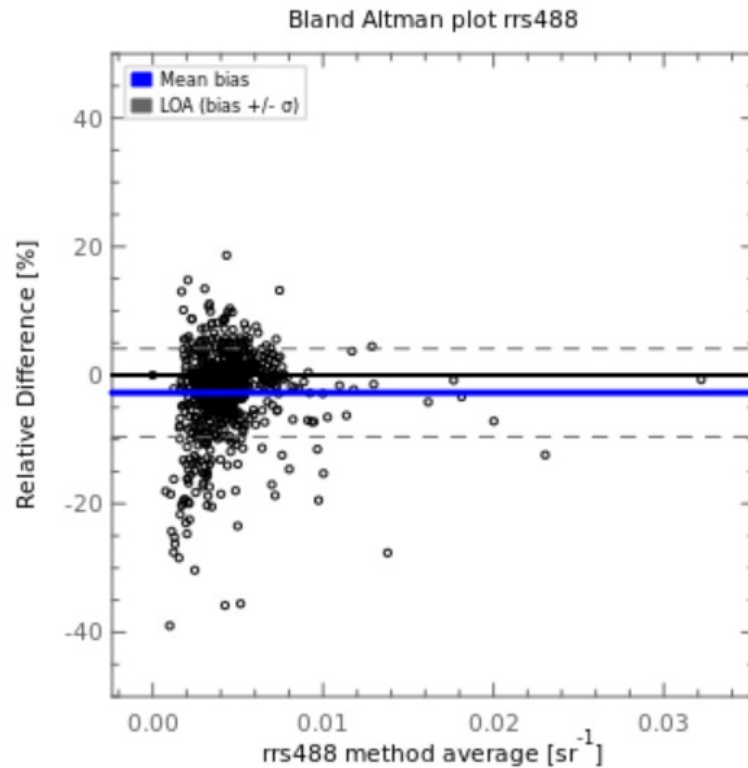


In-water AOP Processor (“VSB 3.0”)



Validation Updates

- Ocean Color Reprocessing (R2022) support
- PACE prep
- Validation tools updates, e.g., relative mean difference plots



Misc. Updates

Many Data Archive projects, e.g.,:

- Standardized for machine readability: Metadata person & affiliation names in older files

Joseph Smith
Joe Smith
Joe Q. Smith

} Joseph Smith (for example)

- New metadata & standardized field names (e.g., Plankton & Particles: IFCB, FCM, Taxonomy)





Questions or Comments?