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Recent and Upcoming Developments at the U.S. IOOS Glider Data Assembly Center

Bob Fratantonio | RPS

Co-Authors

Ben LaCour | NOAA US IOOS Program; John Kerfoot | Rutgers University and Benjamin Adams | RPS

Abstract (Oral Presentation)

The mission of the U.S. IOOS Glider Data Assembly Center (DAC) is to provide glider operators with a simple process for submitting glider data sets to a centralized location, enabling the data to be visualized, analyzed, widely distributed via existing web services and the Global Telecommunications System (GTS) and archived at the National Centers for Environmental Information (NCEI). To reinforce the Glider DAC mission, there have been many impactful advancements to the Glider DAC services and infrastructure over the last year including accepting and distributing all scientific variables, accepting delayed mode glider data, updated Glider Map user interface, and providing instant feedback via email to data providers regarding data compliance on data submission. In addition, there are many exciting activities planned for 2019 including the release of a data upload tool to make it easier for users to generate and submit DAC compliant data, getting realtime feedback on whether data was successfully integrated into GTS, and the incorporation of Wave Gliders as a new platform type.