Jiang & O’Connor awarded NOAA Bronze Medal

CICS-MD Scientist Liqing Jiang, the task leader of CICS Ocean Acidification task, and Sarah O’Connor, one of the staff scientists on the CICS Coral Reef Data Management task, are both part of a team that has won a NOAA Bronze Medal. The was recognized for developing “Send2NCEI,” an archiving tool that allows users to easily submit their data files and related documentation to the National Centers for Environmental Information for long term preservation, stewardship, and access and has its website at https://www.nodc.noaa.gov/s2n/.

NCEI Director Mary Wohlgemuth commended Jiang and O’Connor: “I would like to acknowledge the contributions of Liqing Jiang and Sarah O’Connor from CICS-MD to the success of Send2NCEI. Liqing was instrumental in helping us develop and launch the Send2NCEI effort. Sarah also played a key role in providing user feedback throughout Send2NCEI’s development.”

Importance: This project supports NCEI’s goal of hosting and providing access to one of the most significant data archives maintained by NOAA. POC: L. Jiang
• **What to Expect in the Next World Ocean Atlas:**

CICS-MD Scientists Alexey Mishonov heads up the CICS project on the NCEI World Ocean Database/Atlas. The World Ocean Database (WOD) is the world’s most extensive collection of uniformly formatted, quality controlled, subsurface ocean profile data available without restriction. The graph of citations below show how important it has become to Oceanographers and other scientists.

The next major release of the World Ocean Database and World Ocean Atlas are scheduled to occur in later 2018 (WOA18). To prepare for this release, documentation for both WOD18 and WOA18 will be revised and updated and extensive quality control will be performed on the entire data collection to be included in WOA18. WOA18 will also contain more variables than WOA13, including bottom temperature, conductivity, mixed layer depth, and carbon variables. In addition, they intend to use their calculated fields to carry out scientific investigations of climate change and the oceans role therein. For example, CICS-MD Scientist James Reagan and his NOAA colleagues will use the seasonal temperature and monthly salinity anomalies in the “Ocean Heat Content” and “Salinity” sections of the next BAMS State of the Climate report.

*Importance: Stewardship and accessibility of ocean data helps to meet NOAA’s goal to conserve and manage coastal and marine ecosystems and resources. POC: A. Mishonov*