

Department of Ocean Sciences (OCE)

Bi-Weekly Newsletter

September 14, 2026

OCE Announcements

- OCE student/faculty lunch on September 24, 1pm at SALT!
- Congrats to **Claire Paris** for the new record!



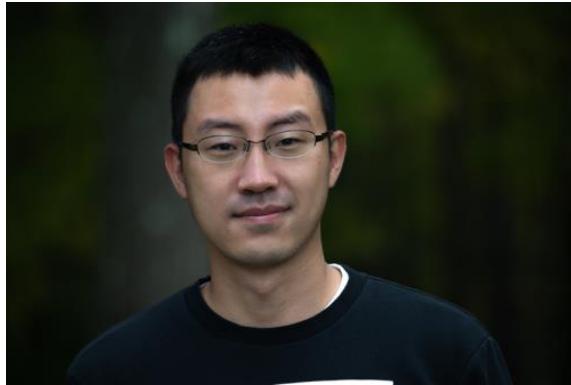
OCE Publications

- **Bif, M.; Hansell, D.;** Bourbonnais, A., **Fandel, C.** (2026). *Dissolved Organic Nitrogen Stable Isotopic Compositions across the Arctic Ocean, GEOTRACES GN01 (HLY1502) and GN04 (PSP4), GO-SHIP ARC01, August to October 2015.* Arctic Data

Center. doi:10.18739/A2WP9T88X. Mari produced this dataset as a PhD student at RSMAES, with support from the Mary Roche Award (yey!). It is now part of Claire's PhD thesis (yey!). The accompanying paper, led by Claire, is in the late stages of review.

OCE New Hires / Farewells

- The Close Lab welcomes a new postdoctoral researcher, Dr. Jiawen Li, who will be working on an NSF project centered on identifying pathways for microbial degradation of marine organic matter. Jiawen recently completed his Ph.D. at Dartmouth College, where he worked on the isotopic signatures of methane generation by microbes. Please help us welcome Jiawen to OCE!



Meetings / Conferences / Workshops / Seminars

- **Josefina Olascoaga** is taking part in a workshop at ISSI (<https://www.issibern.ch>) centered on identifying and monitoring eddies on the Sun that may be associated with solar storms. Just for fun, here's a video: <https://www.youtube.com/watch?v=nGwIzLcGbfc>.

Field work

- The **Beal Lab** and **OTECH** worked hard over the past two weeks to refurbish 7 Inverted Echo Sounders and 3 current meter moorings. It is not hard to show how well the whole OTECH, Beal Lab, and Walton Smith crews have been working in coordination during this cruise: we have deployed 10 moorings in less than 36 hours. Even with great weather, this is no small feat in such an intense Western Boundary Current.

Each deployment requires the whole science party, marine techs, and the captain to be fully involved to ensure everyone's safety and that the instruments are handled carefully and deployed at their precise location in 3.5 knots of current. Here are some pictures:



Left: PIES (open half-spheres orange and white) and acoustic releases (yellow cylinders in the back) being refurbished, a very delicate and specialized operation.
Right: Deployment of a PIES (Pressure Inverted Echo Sounder)



Science party and R/V F.G. Walton Smith crew after the redeployment cruise



Beal Lab and OTECH crew in between cruises

- FLOTSUM cruises Sept, 27th, Oct. 3rd & 4th. Jim Happell and others from OCE and Rosenstiel will be introducing freshman marine science students to some typical oceanographic sampling techniques on board the Walton Smith.