

Department of Ocean Sciences (OCE)

Bi-Weekly Newsletter

August 31, 2026

OCE Announcements

- Monthly OCE lunches will be held the last Thursday of each month at 1:00 pm inside Salt. Bring 2 other OCE colleagues and get a free "shareable" menu item—on the department. Options available day-of. The next lunch will take place on September 24.
- The next Writing Roundtable session will take place on Thursday, September 3 from 1:00-3:00 pm in the RSMAES library's Rare Books Room.

OCE Publications

- Lamsal, Sandesh, **Brian K. Haus**, & Landolf Rhode-Barbarigos (2026): An experimental study on wave transmission over submerged SEAHIVE® breakwaters. *Coastal Engineering Journal* (2026): 1-13. <https://doi.org/10.1080/21664250.2026.2661171>
- Norris B. K., Reguero B. G., Gaido-Lasserre C., Gutierrez-Barcelo D., Bartolai J., Yukish M. A., Rhode-Barbarigos L., **Haus B. K.**, Squires T., Ojeda G. B., & Maza M. (2026): Developing novel hybrid reefs to provide both wave energy reduction and opportunities for ecological restoration. *Coastal Engineering*, 2:105104. <https://doi.org/10.1016/j.coastaleng.2026.105104>
- Shao, M., **Haus, B. K.**, Klymak, J. M., Lund, B., Carrasco, R., Horstmann, J., Bogucki, D., Özgökmen, T. M., & Zhang, J.A. (2026): Observations of high-frequency internal waves near submesoscale fronts. *Journal of Geophysical Research: Oceans*, 131(8), e2026JC023981. <https://doi.org/10.1029/2026JC023981>

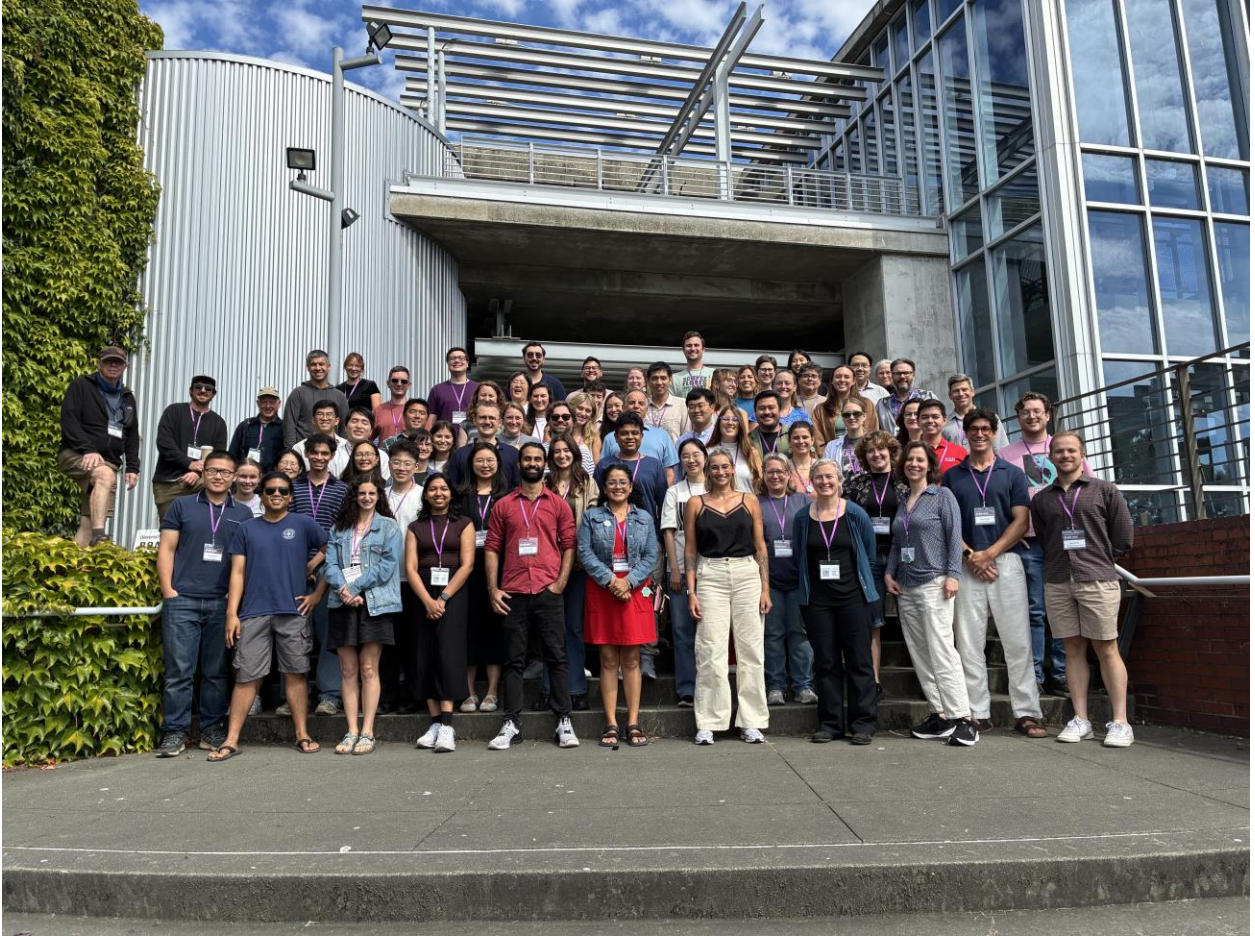
- Ruszczyk, M., Rodriguez, S., Tuen, M., Rux, K., Paul, V., Chandragiri, S., Stickley, M., Swart, P. K., **Haus, B. K.**, Baker, A. C., & Miller, M. W. (2026): Alkalinity-enhanced artificial substrates modulate local pH and increase survivorship of early-stage coral recruits. *Communications Earth & Environment*, 7(1), 311. <https://doi.org/10.1038/s43247-026-03414-1>
- Ruiz-Merchán J. K., Restrepo J. C., **Haus B. K.**, Otero L., Conde-Frías M., Cueto J., Guerrero M., Henriquez S., & Guerrero A. (2026): Seasonal wave, current, and suspended sediment dynamics on two contrasting microtidal beaches in the Colombian Caribbean. *Latin American Journal of Aquatic Research*. 54(2):289-309. <https://doi.org/10.3856/vol54-issue2-fulltext-3531>

OCE New Hires / Farewells

- **Eric Mortenson's** last day at RSMAES will be August 31st. Stop by to wish him well in his next adventure!

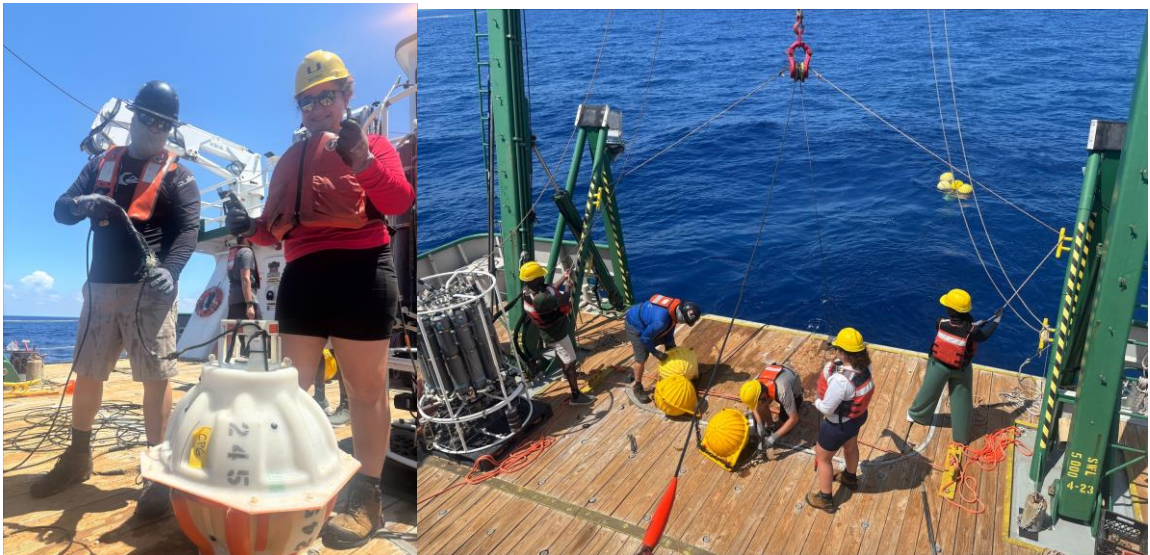
Meetings / Conferences / Workshops / Seminars

- **Mari Bif** and **Jom Lamoont** participated in the 2026 GO-BGC Float Data and Science Workshop, where Mari also served as an organizer. The NSF-sponsored event, with additional support from Sea-Bird Scientific and RBR, brought together 70 researchers at the University of Washington in Seattle for a week of hands-on work with BGC-Argo data. Participants formed teams around nine projects spanning phytoplankton physiology and blooms, particle export, marine heatwaves, greenhouse gases and machine learning, satellite–float integration, sensor performance, and the developing 2026 El Niño. The workshop combined collaborative research with tutorials on BGC-Argo data, machine learning and remote sensing, as well as a tour of the UW Float Lab. Mari led the El Niño project, with exciting results emerging on the onset and intensification of the 2026 event, while Jom participated in a project using machine learning and float observations to investigate ocean N₂O inventories and emissions applied to his PhD study area in the Bay of Bengal.



Field work

- The **Beal lab** spent a hot and humid week aboard RV Walton Smith to recover the FOCUS array across the Florida Current. The team are currently refurbishing instrumentation to redeploy in the current next week.



- Hilary Close** participated on a research cruise to Station ALOHA (North Pacific Subtropical Gyre) with the Hawaii Ocean Time-series team aboard the R/V Kilo Moana, Aug. 20-25, deploying new UM equipment to collect size-fractionated particulate samples for her lab's work on the [OBVI SUBSEA](#) project. Hilary is pictured preparing and deploying in-situ pumps (photo credit: Kelsey Maloney).



Others

- The **BIF Lab** is kicking off a busy semester with new students, research assistants, and plenty of exciting projects! **Maija Zidek**, an MSC senior and Research Assistant, will work with **Rachel Bramblett** and **Sophia Peterson** on the NSF-funded Certified Reference Material (CRM) program. She will also develop her Senior Thesis focused on best practices and major updates for the nearly three-decade-long program. **Liv Caiazzo** and **Casey Prochniak** will be assisting **Jom Lamoont** with the first tests of his sulfur analyzer prototype (yay!), contributing to both the engineering and chemical sides of the project. **Alina Ranne** is enrolled in her first research credits and will continue work on the chemical analysis of Saharan dust collected at Cassie Gaston's BACO station, pairing those measurements with BGC-Argo observations from the Caribbean.