

Making Waves with NOW

- Call for future [NOW Waves](#), please submit slide (pptx, jpg, pdf) online.

FLOW Highlights

- [Elizabeth Spiers et al.](#), "Cultivating Long-Term Planning, Collaboration, and Mission Continuity in Astrobiology Through Support of Early Career Researchers", Instrumentation and Methods for Astrophysics, 2025
- [Lily Clough et al.](#), "Interpretable machine learning biosignature detection from Ocean Worlds analogue CO₂ isotopologue data", Earth and Space Science, 2025

NOW Sponsored Events

- [NOW Season 5 Lecture Series: OW Observations - Europa Clipper Instruments & Earth Analogs](#)
Episode 3: [Rewatch on YouTube](#)
Episode 4: April 30th 3pmET/ 12pmPT
 - o Phil Christensen, *Europa Clipper ETHEMIS and how/why its data will be used to investigate Europa's ice shell*
 - o Kerry Cawse-Nicholson, *ECOSTRESS and how/why its data are used to evaluate surface temperatures of Earth's oceans/bodies of water*

Meetings, Workshops and Activities

- April 27- May 2 [EGU General Assembly](#)
- May 8- Aug 8 [NASA Planetary Science Summer School](#)
- May 20-21 [Fifth International Polar Year \(IPY5\)](#)
- June 3-5 [Outer Planetary Assessment Group \(OPAG\) Meeting](#)
- June 3-13 [Traces of Early Life Summer School](#)
- June 10-13 [Astrobiology Graduate Conference](#)
 - o AbGradCon2025 x Birdy Submission - [Intersection of Astrobiology & Art in Print](#) (due 5/9/2025)
- July 6-11 [Goldschmidt](#)
- July 14-18 [Progress in Understanding the Pluto System](#) (Abstracts due 4/18/2025)
- August 11-15 [PI Launchpad: From Science Idea to NASA Mission In Person Workshop](#)

Recent Publications Relevant to Ocean Worlds

- [Ewert, M., Nunn, B. L., Firth, E., & Junge, K.](#), Metabolic Responses, Cell Recoverability, and Protein Signatures of Three Extremophiles: Sustained Life During Long-Term Subzero Incubations. *Microorganisms* (2025), 13(2), 251
- [Gentilhomme, A. S., Dhakar, K., Timmins-Schiffman, E., Chaw, M., Firth, E., Junge, K., & Nunn, B. L.](#), Proteomic Insights into Psychrophile Growth in Perchlorate-Amended Subzero Conditions: Implications for Martian Life Detection. *Astrobiology* (2025)
- [Vitkova, A., Vu, T. and Lambert, J.](#), Extended Longevity Photoactivated Surface-Enhanced Raman Spectroscopy for the Detection of Biosignatures on Icy Worlds and Martian Polar Caps, *Journal of Raman Spectroscopy* (2025)
- [Yoder, Meg](#) (2025) *Life and Science at Sea: Advice for your First Scientific Research Cruise from Experienced Oceanographers*. Boston, MA, Meg Yoder, 32pp.

New Job Postings

- [Postdoctoral Research Associate](#) at Dartmouth on NASA HWO (NOW Affiliated) and NASA ColdTECH project (Application deadline: 5/1/2025)
- [Manager, Science Communications](#), Lamont-Doherty Earth Observatory (LDEO)
- [Dragonfly Student & early Career Investigator Program](#) (6/9/2025)
- [NASA Postdoctoral Program](#) (7/1/2025)
- Previously advertised posts archived [HERE](#)

News, Education, and Outreach

- The Astrobiology SciComm Guild is an initiative of the NASA Astrobiology Program. We support the astrobiology community as evolving science communicators by bringing members professional development training and diverse SciComm opportunities in partnership with NASA and external organizations. To become a member, contact Svetlana.Shkolyar@nasa.gov.