
Making Waves with NOW

- Gwen Brouwer, University of Hawai'i at Mānoa, [An Endogenic Origin for Titan's Rampart Craters: Assessment of Explosion Mechanisms](#)
- Call for future [NOW Waves](#), please submit slide (pptx, jpg, pdf) online.

FLOW Highlights

- [Howells, A.E.G., 2024](#). Energetic and Genomic Potential for Hydrogenotrophic, Formatotrophic, and Acetoclastic Methanogenesis in Surface-Expressed Serpentinized Fluids of the Samail Ophiolite, *Frontiers in Microbiology*.
- [Gabiella Rizzo](#) (PhD Student): Life at the limits, [2024 SETI Forward Award](#) recipient for research that explored how life can survive in deep-sea hydrothermal vents.

NOW Sponsored Events

- [NOW Season 5 Lecture Series: OW Observations - Europa Clipper Instruments & Earth Analogs](#)
Episode 1: Jan 8th [Rewatch on YouTube](#)
 - Zibi Turtle, *Europa Clipper EIS and how/why its data will be used to investigate Europa's ice shell*
 - Marco Tedesco, *How/why remote sensing on Earth is used to monitor and quantify the changing cryosphere*

Meetings, Workshops and Activities

- Feb 25-27 [Outer Planets Assessment Group Meeting](#)
- March 10-14 [Lunar and Planetary Science Conference](#)
- April 27- May 2 [EGU General Assembly](#)
 - PS0.1: [Space and Planetary Exploration and Emerging Technologies](#)
 - PS6.1: [Emergence, chemistry, and evolution of organic matter in the Solar System](#)
- May 8- Aug 8 [NASA Planetary Science Summer School](#)
- July 6-11 [Goldschmidt](#)
- July 14-18 [Progress in Understanding the Pluto System](#) (Abstract deadline: 4/18/2025)
- August 11-15 [The Science Mission Directorate's 2025 PI Launchpad Event](#), NASA Ames Research Center

Recent Publications Relevant to Ocean Worlds

- [Luu, C. N., et al., 2024.](#), Volatile-rich Sub-Neptunes as Hydrothermal Worlds: The Case of K2-18 b, *ApJL*

New Job Postings

- [Europa ICONS Internship](#) (2/28/2025)
- [NASA Postdoctoral Program](#) (3/1/2025)
- [Postdoctoral Investigator- Applied Ocean & Physics Department](#), WHOI (open until filled)
- *Previously advertised posts archived [HERE](#)*

Proposal Calls

- [Habitable Worlds](#) (Step 1: 11/08/2024; Step 2: **1/31/2025**)
- [NASA Science of Pace](#) (NOI due: 10/1/2024; Proposals due 2/7/2024)
- [Interdisciplinary Consortia for Astrobiology Research](#) (Step 1: 9/24/2024, Step 2: 2/18/2025)
- [NASA Future Investigators in NASA Earth and Space Science and Technology](#) (FINESST) (2/26/2025)
- [Habitable Worlds Observatory System Technology Demonstrations and Mission Architecture Studies](#) (HWOTAS, 3/4/2025)
- [RFI: Development of The NASA Decadal Astrobiology Research and Exploration Strategy 2025](#) (3/17/2025)
- [NASA Exobiology](#) (3/28/2025)
- [NASA Planetary Instrument Concepts for the Advancement of Solar System Observations](#) (PICASSO) (3/28/2025)

News, Education, and Outreach

- [National Air and Space Museum Summer Intern Program](#) (apply by **1/31/2025**)
- [School of Ice \(SOI\)](#) professional development for faculty at Minority Serving Institutions (apply by **2/1/2025**)
- [NASA Planetary Science Summer School](#) (3/18/2025)