

Making Waves with NOW

- This month's new releases: Lea Bonnefoy, [Cassini RADAR at the Dragonfly landing site](#).
- Call for future [NOW Waves](#), please submit slide (pptx, jpg, pdf) to: kpietro@whoi.edu

Recent NOW Events

- September 12th 12pm ET/ 3pm PT NOW Quarterly Seminar Series ([Rewatch on YouTube](#))
 - Season 3, Episode 1 "Exploring Ocean Worlds Through Analogs: Field Studies"
 - [Alexis Templeton](#) (UC Boulder) & [Craig Lee](#) (APL UW)

NOW Upcoming Events

- October 3rd 12pm ET/ 3pm PT NOW Steering Committee Meeting
- Oct 13-15 [Ocean World Analog Field Site Assessment Workshop](#)

Other Meetings, Workshops and Activities

- September 22-23 [Maria Mitchell Women of Science Symposium](#)
- September 23 [OPAG Town Hall](#) (Europlanet Science Congress 2022)
- September 26 [Origins Seminar Series](#)
- September 28 [The Network for Life Detection Early Career Council Social Hour](#)
- September 29 [PAWS: National Lab Careers](#) 1pm ET/ 11am PT
- October 2-7 [54th Annual Division for Planetary Sciences, American Astronomical Society](#)
- October 11 [Ice Giants Seminar Series: Volatile Transport and Climate Modeling on Triton](#)
- November 3-5 [Planetary ReaCH](#)
- November 15-17 [OPAG](#)
- January 9-11 [Ices in the Solar System](#)
- April 23-28 EGU [General Assembly](#) (Call for Sessions now open)

Recent Publications Relevant to Ocean Worlds

- [Bonnefoy et al. \(2022\)](#). Composition, Roughness, and Topography from Radar Backscatter at Selk Crater, the Dragonfly Landing Site *Planet. Sci. J.* 3 201.
- [Burr et al. \(2022\)](#). *Foundational Women in Planetary Geomorphology: Some Contributions in Fluvial, Aeolian, and (Cryo)Volcanic Subdisciplines*. Earth Surfaces Processes and Landforms Special Issue: Women In Geomorphology, ESP5465, 1-15. doi: 10.1002/esp.5465
- [Hao et al. \(2022\)](#). Abundant phosphorus expected for possible life in Enceladus's ocean. *PNAS*, Volume 119, No. 39.
- [McCollom et al. \(2022\)](#). Experimental serpentinization of iron-rich olivine (hortonolite): Implications for hydrogen generation and secondary mineralization on Mars and icy moons. *Geochimica et Cosmochimica Acta*, 335, 98-110.
- [Quick et al \(2022\)](#). Cryolava Dome growth resulting from active eruptions on Jupiter's moon Europa, *Icarus*, Volume 387, 115185, ISSN 0019-1035.
- [Wolfenbarger et al. \(2022\)](#). Compositional Controls on the Distribution of Brine in Europa's Ice Shell. *JGR Planets*, Volume 127, Issue 9.

New Job Postings

- [WHOI Postdoctoral Scholar Program](#) (10/15/2022)
- [Tenure Track Assistant Professor in Earth and Env. Sciences](#), Lehigh University (10/15/2022)
- [NASA Postdoctoral Program](#) (11/1/2022)
- *Previously advertised posts archived [HERE](#)*

Proposal Calls

- [AGU Travel Grants for Early Career Scientists](#), NASA SCoPE AGU Sci/Act Affiliates (9/25/2022)
- [Ocean Solutions Fund](#) (9/30/2022)
- [IODP Call for Proposals](#) (10/3/2022)
- [Interdisciplinary Research in Earth Science](#) (Step 1: 10/14/2022, Step 2: 11/16/2022)
- [Precursor Science Investigations for Europa](#) (Step 1: 11/1/2022; Step 2: 12/16/2022)
 - [Google Form Expression of Interest](#) to collaborate on proposal with NOW colleagues
- [NSF: Ocean Sciences Postdoctoral Research Fellowships](#) (11/15/2022)

News, Education, and Outreach

- [NASA Astrobiology Early Career Collaboration Awards](#) (10/3/2022)
- [Fall 2022 Soffen Fund Travel Grant Application](#) (10/7/2022)
- [Apply to Host AbGradCon 23](#)
- Subscribe to the [NASA Astrobiology Mailing List](#)