

Making Waves with NOW

- This month's new releases:
 - Kirt Robinson: [Hydrothermal Experiments with Protonated Benzylamines Provide Predictions of Temperature-Dependent Deamination Rates for Geochemical Modeling](#)
- Call for future [NOW Waves](#), please submit slide (pptx, jpg, pdf) to: kpietro@whoi.edu

NOW Upcoming Events

- February 28th 1pm ET/ 10am PT [NOW Lecture Series](#) Season 2, Episode 4
 - Science Motivations behind OW Exploration, "Sensing the Environment"
 - [Webex Meeting](#) 2761 917 4197, password 123
 - Dr. Charity Lander, SWRI
 - Dr. Ved Chirayath, NASA Ames
- April 21st NOW Steering Committee "Annual" Meeting

FLOW Upcoming Events

- March 2nd 3pm ET/ 12pm PT Career Coffee Hour
 - Life cycle of missions and getting involved in mission work
 - [Webex Meeting](#) 2764 615 5473, password dJreQM7PR27
 - Dr. Linda Spiker, NASA JPL
 - Dr. Melissa Trainer, NASA GSFC
 - Dr. James Keane, NASA JPL
 - Dr. Kate Craft, JHU APL

Community Level Surveys

- [CAPS Biosignature Standards of Evidence White Paper](#) (deadline for comment 2/18/2022)
- [Ocean Sciences Across the Solar System Community White Paper](#)

Other Meetings, Workshops and Activities

- Feb 17-19 [Exploration and Origins Colloquium](#)
- Feb 17 [Europa Lander Speaker Series Session #5: "A Reconnaissance Strategy for Landing on Europa"](#)
- Feb 21 [NEXSS Origins Seminar Series](#)
- Feb 25 [Professional Advancement Workshop Series: Data Science](#)
- Feb 27-Mar 4 [Ocean Sciences 2022](#)
 - Session [HL18 Ocean Science for Ocean Worlds](#)
- Mar 4 [Seafloor Fluid Sampling \(C-DEBI\)](#)
- Mar 7-12 [Lunar and Planetary Science Conference](#)
- Mar 14-18 [ICAT Ice Core Analysis Techniques PhD school](#)
- Mar 21-25 [Space Science Week](#)
- Mar 21-25/ April 11-15 [NASA Life-Detection Science & Technology Workshop](#)
- April 19-20 [OPAG](#)
- April 25-29 [The Advancing IDEA in Planetary Science virtual conference](#)
- May 15-20 [AbSciCon](#)
- July 16-24 [COSPAR](#)
 - Session [B5.1: Ocean Worlds](#); [B0.1: Comparative Planetology](#)

Recent Publications Relevant to Ocean Worlds

- Daval, D., Choblet, G., Sotin, C., & Guyot, F. (2022). Theoretical considerations on the characteristic timescales of hydrogen generation by serpentinization reactions on Enceladus. *Journal of Geophysical Research: Planets*, 127, e2021JE006995. <https://doi.org/10.1029/2021JE006995>
- Trail, D., J. Elsila, U. F. Müller, T. Lyons, and K. L. Rogers (2022), Rethinking the search for the origins of life, *Eos*, 103, <https://doi.org/10.1029/2022EO220065>.

Career Opportunities

- [Postdoctoral Researcher in Planetary Science](#), CU Boulder/ LASP
- [Postdoctoral Opportunity to Investigate Physical and Chemical Effects of Radiation](#), NASA JPL
- [Tenure Track Scientists \(10 Positions\)](#), Woods Hole Oceanographic Institution
- [Research Scientist in Marine Geology and Geophysics](#), Columbia LDEO (open until filled)
- [Department Chair-Earth and Planetary Sciences](#), University of Texas San Antonio (open until filled)
- [Postdoc with Rensselaer Astrobiology Research and Education Center](#) (open until filled)
- [Associate or Full Professor of Geobiology](#), University of Southern California (open until filled)
- [Postdoctoral positions in Fluid-Rock Interactions & Investigation of Deep Subsurface Life](#), Stable Isotope Laboratory, University of Toronto (open until filled)

Proposal Calls

- [PSIE](#) C.31 DRAFT Preparatory Science Investigations for Europa (3/18/2022)
- [ECF](#) Early Career Faculty (3/31/2022)
- [NASA Postdoctoral Fellowship](#) (5/1/2022)
- [TWSC](#) Topical Workshops, Symposia, and Conferences (5/13/2022)
- [Dragonfly Student and Early Career Investigator Program](#) (5/27/2022)

News, Education, and Outreach

- CIDER 2022 [Summer Program: Earth's evolution as an inhabited world](#) (2/28/2022)
- Subscribe to the [NASA Astrobiology Mailing List](#)

