

### Making Waves with NOW

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- This month's new releases: James Roberts, [Exploring the Interior of Europa with Europa Clipper](#).
- Call for future [NOW Waves](#), please submit slide (pptx, jpg, pdf) to: [kpietro@whoi.edu](mailto:kpietro@whoi.edu)

### Other Meetings, Workshops and Activities

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- September 21-23 [Culturally Inclusive Planetary Engagement Workshop](#)
- September 25 [Origins Seminar Series](#)
- October 2 [LIFE RCN Seminar Series](#)
- October 1-6 [Division for Planetary Sciences & Europlanet Science Congress](#)
- October 24-26 [Origins and Habitability of the Galilean Moons](#)
- October 25-27 [Life in the Subsurface Conference](#)
- November 28-29 [Outer Planets Assessment Group](#)
- December 11-15 AGU
- February 5,7,9 & 12,14, 16 [Communicating Discoveries in the Search for Life in the Universe](#) (applications due 11/15/23)
- February 18-23, 2024 [Ocean Science Meeting](#)
- April 14-19 [EGU General Assembly](#)
- May 5-10 [AbSciCon 2024](#) (Session proposals due 9/20/23)

### Recent Publications Relevant to Ocean Worlds

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- [Bravenec, A.D. and Catling D.C., 2023](#). Effect of Concentration, Cooling, and Warming Rates on Glass Transition Temperatures for NaClO<sub>4</sub>, Ca(ClO<sub>4</sub>)<sub>2</sub>, and Mg(ClO<sub>4</sub>)<sub>2</sub> Brines with Relevance to Mars and Other Cold Bodies. *CS Earth Space Chem.* 2023, 7, 7, 1433–1445
- [Burkhard, L.M.L. and Fagents, S.A. 2023](#). Exploring the Initial Landing Site Area of *Dragonfly* on Titan: Insights into Shear Failure and Strike-Slip Faulting at Selk Crater, Icarus.
- [Huard DJE, et al. 2023](#). Molecular basis for inhibition of methane clathrate growth by a deep subsurface bacterial protein. *PNAS Nexus*
- [Napoleoni, M. et al 2023](#). Mass Spectrometric Fingerprints of Organic Compounds in Sulfate-Rich Ice Grains: Implications for Europa Clipper, *ACS Earth Space Chem.*
- [Trumbo et al. 2023](#). The distribution of CO<sub>2</sub> on Europa indicates an internal source of carbon. *Science Vol. 381, Issue 6664, pp. 1308-1311.*
- [Villanueva G.L. et al. 2023](#). Endogenous CO<sub>2</sub> ice mixture on the surface of Europa and no detection of plume activity. *Science Vol. 381, Issue 6664, pp. 1305-1308.*
- [Vu T.H. et al., 2023](#). Spatial Distribution of Glycine and Aspartic Acid in Rapidly Frozen Brines Relevant to Enceladus. *Planet. Sci. J.* 4 156

### New Job Postings

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- [Assistant Professor of Planetary Sciences](#), Brown University (9/25/23)
- [Tenure Track Positions in Geological and Planetary Sciences Division](#), Cal Tech (10/5/23)
- [Postdoc in Planetary Astronomy](#), 51 Pegasi b Postdoctoral Fellowship program (10/6/23)
- [Postdoc in Planetary Science](#), Northern Arizona University (10/16/23)
- [Assistant Professor, Associate Professor, or Professor of Planetary Science](#), Arizona State University (10/20/23)
- [Assistant Professorship in Geophysics](#), Stanford University (10/30/23)
- [Tenure-track junior faculty position in Earth and Planetary Sciences](#), Stanford Doerr School of Sustainability (10/30/23)
- [Assistant Professorship in Oceans](#), Stanford Doerr School of Sustainability (10/30/23)
- [NASA Postdoctoral Program](#) (11/1/23)
- [Assistant Professor in Astrobiology and Space Biology](#), Univ. of Florida (11/22/23)
- *Previously advertised posts archived [HERE](#)*

## Proposal Calls

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- [NASA Teams Engaging Affiliated Museums and Informal Institutions](#) (9/23/23)
- [NASA/ Library of Congress Chair in Astrobiology, Exploration, and Scientific Innovation](#) (10/15/23)
- [NASA Astrobiology Program Early Career Collaboration Awards](#) (10/16/23)
- [NASA Planetary Science and Technology Through Analog Research](#) (10/24/2023)
- [The Lewis and Clark Fund for Exploration and Field Research in Astrobiology](#) (11/1/23)

## News, Education, and Outreach

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- [Rewatch NASA Astrobiology Town Hall on You Tube](#)
- [How exploring Earth's dark corners may help NASA find alien life](#). National Geographic Magazine.
- [Community Input for NASA IDEA Meeting](#)
- Subscribe to the [NASA Astrobiology SciComm Guild](#)
- Subscribe to the [NASA Astrobiology Mailing List](#)