
Making Waves with NOW

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

FLOW Highlights

- [Gabriella Rizzo et al.](#) Methanothermococcus jasoni sp. nov., a novel thermophilic methanogen from subsurface hydrothermal vent fluids of Axial Seamount, Juan de Fuca Ridge. *Int J Syst Evol Microbiol*, 2026, <https://doi.org/10.1099/ijsem.0.007098>
- [Kevin T. Trinh et al.](#) Powering Ganymede's dynamo with protracted core formation. *Sci. Adv.* **12**, ead8021 (2026). DOI:[10.1126/sciadv.aed8021](https://doi.org/10.1126/sciadv.aed8021)

NOW Events

- Sign up to contribute to the JGR Special Issue - [HERE](#)
- Recently the Planetary Exploration Science Technology Office at NASA commissioned a Search for Life Instrument Study to evaluate the current state of technology for search for life studies. The focus of this study is to identify gaps in existing scientific knowledge and technology that could hinder the success of future in situ life detection missions within the solar system. The draft of the study is currently available online and any comments you have would be extremely valuable, and you'll see the feedback form on the linked page along with the draft report. [Search for Life Instrument Study and Feedback Form](#)

Meetings, Workshops and Activities

- Jun 1-5 [Wisconsin Center for Origins Research Summer Training in Astrobiology Research Bootcamp](#) (WiCOR STAR)
- Jun 8-Aug 15 [Extraterrestrial Materials Academy](#) (ETMA)
- Jun 9-11 [Small Bodies Assessment Group](#) (SBAG)
- Jun 11-12 [Humans to Titan Summit](#)
- Jun 22-26 [International Planetary Probe Workshop](#) (IPPW)
- Jul 6-10 [Origins](#) (ISSOL)
- Aug 1-9 [Committee on Space Research](#) (COSPAR)
- Aug 2-7 [Asian Oceania Geoscience Society Annual Meeting](#) (AOGS)
- Sep 14-18 [Astrobiology Graduate Conference](#) (AbGradCon)
- Sep 27- Oct 1 [Robotic One-Shot Exploration from Deep Ocean to Deep Space Workshop](#) ([IROS 2026](#))
 - Jun 15 Call for papers
 - Jul 27 Submission Deadline
- Oct 11-14 [Geological Society of America](#) (GSA)
- Oct 25-20 [Division for Planetary Sciences](#) (DPS)
- Nov 30- Dec 4 [Habitable Worlds Observatory](#) (HWO)
- Dec 7-11 [AGU Annual Meeting](#) (Abstract submission to open in June)

Recent Publications Relevant to Ocean Worlds

- [J. Bonigk et al. 2026](#). Identifying Amino Acid Isomers with Mass Spectrometry on Icy Ocean Moons. *Astrobiology*, Vol. 26, Iss. 5. <https://doi.org/10.1177/15311074261443835>
- J. Marlow. [The Dark Frontier, Unlocking the Secrets of the Deep Sea](#), Random House, 2026.
- [L.E. Moore. et al. 2026](#). Characterizing the unique chemical imprint of on-axis, lower temperature hydrothermal flow to the deep ocean (Southern East Pacific Rise, 16.5-18.0°S). *Geophys. Res. Lett.* 53, <https://doi.org/10.1029/2025GL120412>, 2026.
- [Nixon, C. et al., \(2026\)](#). Terrestrial Analogs to Titan for Geophysical Research. *Reviews of Geophysics*, 64, e2025RG000909. <https://doi.org/10.1029/2025RG000909>.
- [Schurmeier, L. et al., \(2026\)](#). Shallow Impact Craters Suggest Titan Stores Methane in an Insulating Clathrate Crust. *Journal of Geophysical Research – Planets*, 131(5), e2025JE009629.

- [Schurmeier, L. and Fagents, S., 2025](#). Titan's Lithospheric Strength Envelope and Brittle-Ductile Transition: The Importance of Crustal Pore Fluids, Organics, and Clathrates. *Journal of Geophysical Research - Planets*, 130(9), <https://doi.org/10.1029/2025JE009118>.
- [Wakita, S., et al \(2026\)](#). A youthful Titan implied by improved impact simulations. *Geophysical Research Letters*, 53(3), e2025GL116041.

Funding Opportunities

- [Early Career Investigator Program in Earth Science \(ECIPES\)](#) (NOI due 5/18/2026; proposals due 6/17/2026)

New Job Postings

- [Volunteer to be a NASA Science Reviewer](#)

News, Education, and Outreach

- Become a member of the [Astrobiology SciComm Guild](#)