

Making Waves with NOW

- This month's new releases:
 - Sam Howell: [The likely thickness of Europa's Icy Shell](#)
 - Jessica Weber: [Effects of Amino Acids on Phosphate Adsorption onto Iron \(Oxy\)hydroxide Minerals under Early Earth Conditions](#)
- Call for future [NOW Waves](#), please submit slide (pptx, jpg, pdf) to: kpietro@whoi.edu

Recent NOW Events

- May 24th St Comm 1pm ET/ 10am PT
 - Lightning Talks by Kirt Robinson, Pete Girguis
- LPSC repeat presentations
 - June 3rd: [Europa](#)
 - June 9th: [Titan & Enceladus](#)

NOW Upcoming Events

- June 15th 4pm ET/ 1pm PT FLOW Career Development Coffee Hour
 - Career Paths: Non-profit, Research Institute Sector
 - Panelists: Julie Huber, Jeffrey Seewald, Jennifer Hanely and Alejandro Soto
- June 18th 12:15pm ET, Ocean Worlds Session, [Ocean Carbon & Biogeochemistry Workshop](#)
 - Plenary talks now available for pre-viewing
 - Live round table, incl. remarks from Michael New (NASA HQ) in live session on 6/18
- June 21st 1pm ET/ 10am PT [NOW Lecture Series](#) Season 2, Episode 2
The Geophysical exploration of Ocean Worlds, and links to Habitability
 - Science Motivations: Dr. James Roberts (JHU-APL)
 - Technologies/Instruments: Dr. Angela Marusiak (JPL)
- July 15th Nautilus Virtual Field Trip to Pacific Seafloor

Other Meetings, Workshops and Activities

- June 22 [DPS Virtual Professional Development Workshop](#): Postdoctoral Opportunities in National Labs, Research Institutes & Universities: A Community Conversation
- June 24 [PCE3 Seminar Series](#)
- June 28-July 2 [Planetary Data Workshop](#)
- Sept 13-24 [EPSC](#)
- Aug 10-12 [Titan Through Time 5](#)
- Aug 30- Sept 1 [OPAG](#)
- Sept 14-17 [AbGradCon 2021](#)
- Sept 20-23 [Global Oceans 2021](#) (special session on *Deep sea exploration and parallels to outer space*)
- Oct 3-8 [DPS](#)
- Oct 25 [Modern Brines Across the Solar System](#)
- Dec 13-27 [AGU](#)
- Feb 27-Mar 4, 2022 [Ocean Sciences](#)
- May 15-20, 2022 [AbSciCon](#) (session proposals due Sept 2021)
- July 16-24, 2022 [COSPAR](#)

Recent Publications Relevant to Ocean Worlds

- [Marshall, S.M., Mathis, C., Carrick, E. et al.](#) Identifying molecules as biosignatures with assembly theory and mass spectrometry. *Nat Commun* **12**, 3033 (2021).
- [Shannon M. MacKenzie et al.](#) The Enceladus Orbilander Mission Concept: Balancing Return and Resources in the Search for Life. *Planet. Sci. J.* 2 77 (2021).
- [Affholder, A., Guyot, F., Sauterey, B. et al.](#) Bayesian analysis of Enceladus's plume data to assess methanogenesis. *Nat Astron* (2021).

Career Opportunities

- [Astrobiologist JHU-APL](#) (6/30/2021)

- [NASA Postdoctoral Program](#) (7/1/2021)
- [JPL Postdoc](#) - Laboratory Simulations of Surface and Atmospheric Processes on Icy Bodies and Exoplanets

Proposal Calls

- [TWSC](#) Topical Workshops, Symposia, and Conferences (5/13/2022)
- [CDAP](#) Cassini Data Analysis Program (5/7/2021; 7/9/2021)
- [PSTAR](#) Planetary Science and Technology Through Analog Research (7/23/2021; 10/7/2021)

Education and Outreach

- [See the First Images NASA's Juno Took As It Sailed by Ganymede](#)