AGU | Planetary Sciences

October 2020 Newsletter

Greetings from Your Planetary Sciences Section Leadership!

The online voting site is now open for AGU Officer Elections, and will close on October 27th. There is an excellent slate of candidates for AGU positions, and this is your opportunity to choose the leadership you want for the next two years! Please vote here.

Many congratulations to our Section award winners!

Ronald Greeley Early Career Award in Planetary Sciences
Juan Manuel Lora, Yale University

Fred Whipple Award and Lecture
Robert O. Pepin, University of Minnesota

Eugene Shoemaker Lecture*
J. Hunter Waite Jr., Southwest Research Institute

We look forward to virtually congratulating our award winners in December,

Rosaly Lopes, **President**
Michael Mischna, **President-Elect**
David Williams, **Secretary**
Sam Birch, **Early Career Representative**
Ashley Schoenfeld, **Student Representative**
Sarah Stewart, **Past President**

Upcoming Deadlines & Events

For the latest Planetary Sciences updates and events, please visit the section calendar.

Upcoming Deadlines (Delays because of COVID-19 National Emergency are in RED)

- ROSES-2020: Discovery Data Analysis, Step-2 proposals: Due October 30, 2020
- ROSES-2020: New Frontiers Data Analysis, Step-2 proposals: Due November 5, 2020.
- ROSES-2020: Solar System Workings, Step-1 proposals: Due November 13, 2020.
- ROSES-2020: Mars Data Analysis, Step-2 proposals: Due November 20, 2020.
- ROSES-2020: Planetary Instrument Concepts for the Advancement of Solar System
- Observations (PICASSO), Step-2 proposals: Due November 20, 2020.

Upcoming Conferences (2020) (All October conferences made virtual because of COVID-19)

- **21 Sep-9 Oct:** EuroPlanet Science Conference (EPSC) [Virtual Meeting]
- **Oct 19-23:** Int'l Symp on AI, Robotics &Automation in Space [Virtual Meeting]
- **Oct 26-20:** Geol. Soc. of America (GSA Connects) Online [Virtual Meeting]

• **Oct 26-20:** Div. for Planet. Sci. (DPS-AAS) Annual Meeting [Virtual Meeting]

Planetary Sciences Announcements/Updates

1. NASA Postdoctoral Fellowship: Application Deadline, 1 November 2020

The NASA Postdoctoral Program offers the U.S. and international scientists the opportunity to advance their research while contributing to NASA's scientific goals. NPP supports fundamental science, explores the undiscovered, promotes intellectual growth, and encourages scientific connections.

Selected by a competitive peer-review process, NPP fellows complete 1- to 3-year fellowship appointments that advance NASA's missions in Earth science, heliophysics, planetary science, astrophysics, space bioscience, aeronautics and engineering, human exploration and space operations, and astrobiology.

Current NPP research opportunities in planetary science can be viewed here.

Applicants must have a Ph.D. or equivalent degree in hand before beginning the fellowship but may apply while completing the degree requirements. U.S. citizens, lawful permanent residents, and foreign nationals eligible for J-1 status as a research scholar may apply.

Stipends start at $60,000 per year, with supplements for high-cost-of-living areas and for certain academic specialties. Financial assistance is available for relocation and health insurance, and $10,000 per year is provided for professional travel.

Applications are accepted three times each year: 1 March, 1 July and **1 November.**

For further information and to apply, visit:
https://npp.usra.edu/.

Questions: npphelp@usra.edu

2. NASA Expands Planet Contract to All Researchers

NASA has expanded their subscription with Planet to provide access to Planet imagery to all researchers receiving funding from NASA for their work. Planet acquires near-daily coverage of the entire landmass of the Earth at 3–5 m through its constellation of ~150 satellites, totalling over 13 TB of imagery downlinked every day. Through the agreement with NASA, all NASA-funded researchers can access imagery from the PlanetScope constellation (subject to 30 day latency unless otherwise

approved by NASA), as well as the RapidEye 6.5 m archive. Each user is granted an initial 5 million sq km quota, with exceptions made on a case-by-case basis at the discretion of NASA.

For more information on this program and instructions on how to gain access, please visit the NASA Commercial SmallSat Data Acquisition Program (CSDAP) website.

For any university-based researchers interested in Planet data access but not funded by NASA, data access is available through the Planet Education and Research Program. The Basic program provides free access to 5,000 sq km of PlanetScope and RapidEye imagery per month per user. For larger scale access, departmental and campus licenses are also available.

For any questions about data access through Planet's NASA or Education and Research Programs, contact Dr. Tanya Harrison.