



Lori Feaga, SBAG Steering Committee Chair
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July 10, 2024

NASA Planetary Science Advisory Committee (PAC)

www.lpi.usra.edu/sbag/

Government funding acknowledged

Summary of recent SBAG activities

- ❖ Currently revising the SBAG Goals Document (last revision was 2020)
 - ❖ SBAG priorities are guided by this document
 - ❖ Many people involved in updating the current draft
 - ❖ Final draft read by Steering Committee in June
 - ❖ Final draft open for community comment in mid-July
 - ❖ Final version posted August
- ❖ Next SBAG community meeting (SBAG #31): July 11-12, 2024 (virtual only)
- ❖ 3 new Steering Committee (SC) members were selected during June's monthly executive telecon from a large applicant pool using a rubric developed for SBAG SC positions; will be announced at SBAG #31

SBAG #30 Finding with recent PAC Action

SBAG 30 Finding #1: SBAG urges NASA to take immediate action to ensure the long-term maintenance and expanded future capacity of the Deep Space Network.

SBAG appreciates the PAC hearing our #1 community concern and recognizing the broad reach of the issue to all planetary science missions in writing a finding and making a recommendation to NASA regarding DSN Maintenance and Expanded Capabilities.

SBAG input to CAPS regarding future NF target lists

- ❖ Committee on Astrobiology and Planetary Science (CAPS) requested presentations from relevant AGs at May 20, 2024 meeting on the New Frontiers Mission List Review
- ❖ *Origins, Worlds, and Life (OWL – 2023-2032 Decadal)* recommended that all three of the small bodies mission concepts (Comet Surface Sample Return (CSSR), Centaur Orbiter and Lander (CORAL), Ceres Sample Return) were unique from each other and provided distinct high-priority science for the decade
- ❖ Scientific motivation has not changed since the preparation of OWL
- ❖ Sample return and in situ analyses of diverse primitive populations remains a priority for the small bodies community
- ❖ The community strongly supports the all-encompassing NF-6 list for the next AO with respect to the small bodies mission themes



Supporting slides

The Steering Committee

Justin Atchison (JHU/APL), Technology Lead*

Olivier Barnouin (JHU/APL)

Dani DellaGiustina (Univ of AZ)

Lori Feaga (Univ of MD), Chair

*Henry Hsieh (PSI)**

Motoo Ito (JAMSTEC), International Rep

Prajakta Mane (LPI)

Joe Masiero (IPAC/Caltech), Planetary Defense Lead

Dan Mazanek (NASA LARC), Human Exploration Lead

Darryl Seligman (Cornell Univ), Early Career Secretary

*Timothy Titus (USGS, Flagstaff)**

Flaviane Venditti (Univ of Central FL)

Anne Verbiscer (Univ of VA)

Thomas Statler NASA Headquarters Liaison

**Names in gray italics are rotating off*

Steering Committee selects the Chair and Steering Committee members from among nominations & applications. Requests go out to national and international newsletters and the SBAG listserv. General membership is open to anyone.

2024 selection announcement to be made in July.