

National Aeronautics and
Space Administration



EXPLORE SCIENCE

**National Academy of Sciences
PIRB Report**

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Statement of Task:

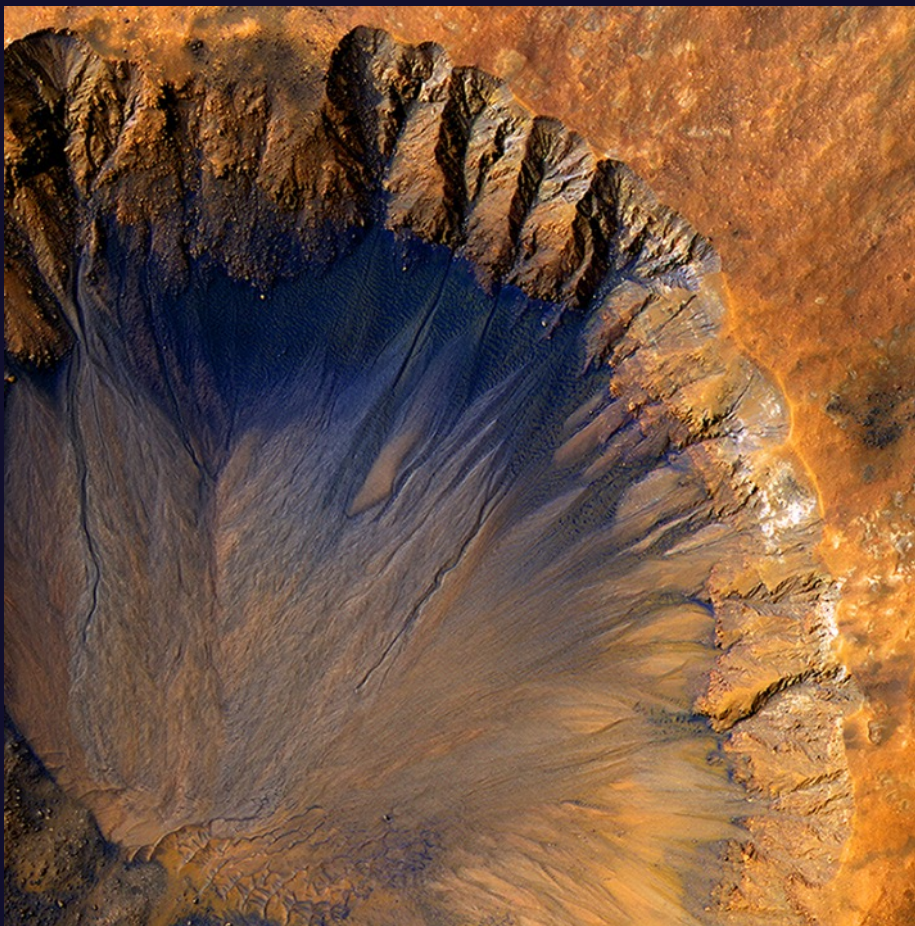
The National Academies of Sciences, Engineering, and Medicine (NASEM) will establish an ad hoc committee to review the findings of the PPIRB and comment on their consistency with the recommendations of the recent NASEM report Review and Assessment of Planetary Protection Policy Development Processes (2018).

In order for NASA to make optimal use the results of this study, NASA would like to receive the Academy's findings within the first quarter of 2020.



Planetary Protection Independent Review Board (PPIRB) Report

- Represents an important step forward in a very complex area; this is a first step and there is much important work left to do
- Informs how NASA will modernize our approach to a wide range of issues and work with commercial and international partners
- Consistent with guidance from a recent report of NASEM, the way planetary missions are implemented must adapt to combination of scientific advances and changing reality of space exploration
- Have asked Dr. Lisa Pratt, NASA's Planetary Protection Officer, and Dr. Lori Glaze, the Planetary Science Division Director, to lead NASA's implementation of the PPIRB's findings and recommendations; coordinating with offices across NASA as well as our interagency, international and commercial partners, as needed
- NASA is drafting an implementation plan that aims to complete the update of NASA internal procedures and COSPAR planetary protection guidelines within 2 years



Planetary Protection Independent Review Board (PPIRB) Report

- Actively listening to our broader community of experts is critical; NASA will engage the National Academies and the NASA Advisory Council (NAC), both of which recommended that NASA establish an expert group to explore changing landscape of planetary exploration
- Feedback received from National Academies and NAC will be essential in formulating NASA's recommendations to the Committee on Space Research's international planetary protection guidelines
- NAC Science Committee was briefed yesterday by PPIRB Chair, Dr. Alan Stern; Dr. Stern also plans to brief the COSPAR Planetary Protection Panel in early December on the PPIRB Report