

Lunar Science for Landed Missions Workshop



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NEAR TERM LUNAR MISSIONS



Deep Space Gateway
Buildup over series of flights





Lunar Science for Landed Missions Workshop

- Purpose: Define **priority targets for landed missions on the Moon**, primarily, but not exclusively, for commercial exploration firms interested in pursuing ventures on the Moon.
- Pursuant to the Planetary Decadal science goals AND strategic knowledge gaps.
- Report the community consensus of priority landed targets, with the potential of future solicitations for payloads at such target sites.
- Questions:
 - The science/exploration question(s) to be addressed at the site;
 - Any relevant information about landing site characterization;
 - Whether or not mobility is needed (as opposed to desired);
 - Whether or not sample return is essential to answering the question(s) or can *insitu* data suffice.

Potential Lunar Landing Sites

- High value for Landed Missions
- Benefit to Science-Human Exploration (e.g., ISRU)
- Merits of a proposed site in terms of its benefit(s), involving one or more of the following:
 - a) Short Term Reconnaissance and/or Surface Science Experiments (< One Lunar Day)
 - b) Sample Return
 - c) Long Term Monitoring (Days, Years)
 - d) Regional Roving Experiments
 - e) Technological Demonstrations that Feed Forward
 - f) Technological Demonstrations for ISRU
 - g) Other

Open Science Positions In SMD

- AST, Science Program Management at NASA HQ
 - Salary Range: \$112,021 - \$161,900 (GS14 - GS15)
- Senior NASA scientists responsible for overseeing execution of major missions and R&A activities in Planetary Science
- Applications accepted only through USAJOBS.gov
 - Open *UNTIL* 1/31/18
 - Announcement #: [HQ18D0004](#) or [HQ18C0015 \(CS\)](#)
 - Interested scientists should familiarize themselves with USAJobs.gov and begin to develop their resume and application within the USAJobs.gov system
- To apply see: USAJobs.gov when the job opens