

**NASA Advisory Council
Lunar Exploration Analysis Group (LEAG)
Terms of Reference**

The Lunar Exploration Analysis Group (LEAG) is responsible for analyzing scientific, technical, commercial, and operational issues in support of lunar exploration objectives and of their implications for lunar architecture planning and activity prioritization. The LEAG is a community-based, interdisciplinary forum. Membership and participation in the LEAG consists of lunar and planetary scientists, life scientists, engineers, technologists, human systems specialists, mission designers, managers, and other professionals drawn from the broad community of academia, industry, government, and the commercial sector.

LEAG provides analyses in response to requests from the Human Exploration and Operations Mission Directorate (HEOMD), Science Mission Directorate (SMD), or the Committees of the NASA Advisory Council (NAC). Findings and analyses are forwarded to the originator of the request and relevant NASA Advisory Council (NAC) Committees are briefed on the results. The LEAG may choose to organize sub-groups to deal with specific issues and report their findings to the lunar community and pertinent NAC committees. The LEAG Chair will be a member of the Planetary Science Subcommittee (PSS) of the NAC Science Committee. The LEAG Vice Chair will be a member of the NAC Human Exploration and Operations Committee.

To carry out its role, the LEAG will:

- Provide findings, analysis, and other information that can be used to inform decisions on the science, technology, commercial, and operational content and priorities of lunar robotic and human missions.
- Provide a regular forum for broad discussion of lunar exploration science, technology, commerce, and operational issues, which will allow a conduit for community input into lunar exploration activities and planning.
- Perform focused analyses in response to requests from the SMD, HEOMD, or the Committees of the NAC.

The LEAG Chair will provide final approval, prioritization, and scheduling of requested tasks after consultation with LEAG Executive Secretary and Executive Committee. Logistical and organizational support for LEAG activities will be provided through SMD, HEOMD and the Lunar and Planetary Institute (LPI).

The Chair of the LEAG is appointed by the NASA Associate Administrator for SMD in consultation with the Associate Administrator for HEOMD. The term of appointment is 3 years, to be coincident with the term of appointment on the PSS. The Chair is assisted by an Executive Secretary who serves as the principal point of contact with NASA and an Executive Committee that will support planning and activities. The Executive Secretary will be appointed by the Associate Administrator for SMD, after consultation with the Associate Administrator for HEOMD. The LEAG Executive Committee consists of the Chair, Vice Chair, Past Chair, Executive Secretary, and representatives from the LPI and Solar System Exploration Research Virtual Institute (SSERVI), as well as representation from the space commerce/resources and international communities. *Ex Officio* members of the executive committee include representatives from SMD and HEOMD (one of whom acts as the Executive Secretary).

Membership of the Executive Committee is appointed by the Chair after consultation with the Executive Secretary.

The LEAG will meet at least once annually or as otherwise requested by NASA. The LEAG Chair and Executive Secretary will set the regular annual meeting schedule in consultation with the Executive Committee. The findings of each meeting and analysis activity will be reported to the NAC Planetary Science Subcommittee, to the NAC Human Exploration and Operations Committee, and to the NAC Science Committee, and will be posted on the LEAG web site.