

A.3.8 Lunar Data Analysis Program

1. Scope of Program

The objective of the Lunar Data Analysis Program (LDAP) is to enhance the scientific return from the Lunar Prospector Missions (LPM) by broadening the scientific participation in the analysis of the LPM data. The LDAP supports scientific investigations using data obtained during the primary mission phase.

An investigator may propose a study (scientific, cartographic, topographic, geodetic research) based on analysis of Lunar data collected by LPM (additional information about LPM and references containing preliminary science results can be found on the Lunar Prospector Mission homepage at <<http://www.lunar.arc.nasa.gov>>). In addition, correlative studies that use Lunar data from another source with LPM flight mission data to further the understanding of some aspect of Lunar science are also included in this category. The other data could come from ground-based observations or from other spacecraft. Funds awarded for correlative studies will be used to cover data analysis and expenses involved in collaboration with other Lunar investigators. Funds will not be authorized for taking new observations or for support of observing facilities. In anticipation that selected investigations may result in by-products (e.g., compositional, topographic, planometric, cartographic, and geologic maps, and calibration data) that are of broad use to the science community, a plan for archiving and making such by-products readily available must be included in the proposal.

Proposals for topical conferences, workshops, consortia, symposia, or other new initiatives related to LDAP are also solicited through this NRA. For more information about the type of research supported by this program, abstracts for currently funded investigations are available at <<http://www.hq.nasa.gov/office/oss/codesr/welcome.html>>.

2. Sources of Information and Data

It is the responsibility of the investigator to acquire any required data. Before submitting a proposal, each proposer should determine that the required data are available. LDAP, as well as data from previous Lunar missions, are available from the Planetary Data System (PDS) that can be accessed on the PDS home page at <<http://pds.jpl.nasa.gov/pds.home.html>>. Proposers who wish to use photographic and cartographic materials may find such data at the nearest Regional Planetary Image Facility (RPIF). Locations of RPIF's are listed on the RPIF home page at URL <<http://cass.jsc.nasa.gov/library/RPIF/RPIF.html>>. Additional information about the Lunar Prospector Mission can be found on the Lunar Prospector Mission homepage at URL <<http://www.lunar.arc.nasa.gov>>.

3. Programmatic Information

The LDAP is envisioned to be a multiyear program and it is anticipated that approximately \$1.2M dollars will be available for the LDAP in Fiscal Year 2000. It is estimated that 20 to 25 investigations may be selected from proposals submitted in response to this Announcement. Investigations may be proposed for either a one or two year period of performance. Funding of investigations will be phased to ensure new starts each successive year of the program. Awards under this NRA are subject to the availability of program funds.

Holders of existing LDAP multiple year awards (e.g., the second- or third-year award from a previous NRA) must submit a request for an annual funding allotment of their award in the form of a *Progress Report* by the deadline given in Table 1 for new proposals for this program element. These *Progress Reports* will be screened by the peer review panel that will be reviewing new proposals to aid NASA's evaluation of progress. The Project Description in such a request for allotment, including a report of progress made during the past year, should be limited to no more than five single-spaced, typewritten pages and include a brief statement of planned work for the coming year, a report of progress made during the previous year, a budget, and an estimate of the amount of previously awarded funds that remain available at the end of the award year. The five page limit does not include a Cover Page, a listing of proposal personnel, *Proposal Summary* (Abstract), *Budget Summary*, *Table of Contents*, references, figures, requests for equipment augmentations, detailed budgetary information, reprints, or appendices.

NOTE: Appendix C contains critical information necessary for the preparation and submission of proposals submitted in response to this NRA. In particular, Section C.5.3 contains detailed standards concerning the format, page limits, and contents of a proposal. The submission of a proposal not in compliance with these standards may complicate and/or hinder its efficient and complete evaluation. Therefore, deficiencies in format and/or omission of key information may result in a proposal being found unacceptable for evaluation, or if evaluated, being adversely affected during the evaluation process.

The schedules for submission of the Notice of Intent and proposal are given in Table 1 of the cover letter of this NRA. The World Wide Web site for submitting both the NOI and the *Cover Page/Proposal Summary* (see Appendix C.5) is <<http://cass.jsc.nasa.gov/panel/>>; proposers without access to the Web or who experience difficulty in using this site should contact the Lunar and Planetary Science Institute by E-mail at <panel@lpi.jsc.nasa.gov> or phone at (281) 486-2137 for assistance. Hard copies of the proposals are to be delivered to:

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Lunar Data Analysis Program (LDAP)
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Obtain additional information from the Discipline Scientist:

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