NASA Planetary Science Division ROSES Data Management Plan (DMP) Template

Remove all blue instructions prior to incorporating into your proposal document. For most proposals, these elements should require 1 page of text or less, but proposers should provide more information as needed for their specific case.

Proposers should refer to the following documents when preparing DMPs:
- ROSES Program Element C.1, Section 3.7: Data Management Plans
- Planetary Science Division FAQ for Data Management Plans (which will appear under "other documents" on NSPIRES pages in Appendix C)

1. **Overview of the peer-reviewed publications expected from the proposed project and plans for making them publicly available:**
   (Describe the expected publications from the proposed research and describe plans for making publications openly available. Publications supported by NASA must be made publicly available within 1 year of the publication date via a NASA-designated repository. At this time, the following satisfy NASA requirements: 1) manuscripts published in journals that are part of the Clearinghouse for the Open Research of the United States (CHORUS) publishing group, 2) publications that appear as open access via the Astrophysics Data Service (ADS), or 3) publications uploaded to PubSpace. More details on NASA's public access policy requirements and submission guidance for scientific and technical information can be found on the NASA STI Program website. NASA encourages manuscripts to be posted on community appropriate preprint servers, and publications to be full Open Access, and any costs to do so should be included, with explanation, in the budget.)

2. **Descriptions of the data expected to be produced by the proposed project:**
   (Describe all data to be produced or used by the SMD-funded project that would be needed to validate or reproduce the scientific conclusions of planned peer-reviewed publications, especially data underlying figures, maps, and tables. Also describe any other scientifically useful data to be produced that is expected to have scientific utility or would enable future research. If the project would produce no data or only data specifically exempted, explain why. Describe the major types of data to be produced [e.g., images, 1-dimensional spectra, multidimensional tables]; the approximate amount of each type expected [e.g., 300 1-dimensional spectra, each of ~10 kB]; the machine-readable format of the data, [e.g., FITS image files, ASCII tables, Excel spreadsheets]; and any applicable standards for the data or metadata content or format [e.g., PDS4, EarthChem].)
3. **Intended repositories and schedule for making data publicly available:**
(Provide an anticipated schedule or timeline for when project data would be prepared for and deposited in a publicly accessible and appropriate repository with stable and long-term access (for an incomplete list of planetary science repositories, see NASA's Planetary Data Website; for the Planetary Data System long-term archiving, see the PDS Guidelines for Archiving). A timeline relative to the publication of major results is acceptable. Please use project years and quarters rather than calendar years and quarters. State where the project data are intended to be made publicly available, and describe the terms under which data would be made available by the repository. Repositories are expected to provide data access without restrictions or fees other than the nominal costs of reproduction and shipping; i.e., they must be publicly accessible with no paywall. If no appropriate repository exists, please explain the situation and state what steps will be taken to provide some degree of access.)

4. **Software development and management plan:**
(Software should be made publicly available when it is practical and feasible to do so and when there is scientific utility in doing so. Describe plans to develop, manage, and make publicly available [if applicable] any software required to complete the proposed research, reproduce expected published results, and/or enable future research. Any source code that is made publicly available should be distributed, with appropriate documentation, via NASA's Planetary Science GitHub or other appropriate community-recognized repositories. If software is to be developed by the project but not made publicly available, explain why.)

5. **Physical materials archiving plan:**
(If your proposal includes plans to acquire or collect astromaterials, such as meteorites, micrometeorites, or cosmic dust, or to acquire or synthesize other physical materials, describe plans to make publicly available material not consumed during the research. Such materials should be made available when it is practical and feasible to do so and when there is scientific utility in doing so.)

6. **Roles and responsibilities of team members for data management:**
(Explain which team members would perform data management plan tasks and indicate explicitly what those tasks would be and why the team member is qualified to perform them. If there are costs associated with performing these data management plan tasks, those must appear – with explanation – in the proposal budget.)