

Terms of Reference for the Planetary Data System Roadmap Team

BACKGROUND

NASA's planetary missions archive their data in the Planetary Data System (PDS). The PDS has recently (2015) completed a full and open competition for the Discipline Nodes within the PDS. The PDS has also just completed (2016) a performance review of the two technical support elements within the PDS architecture: the Engineering node (EN) and the Navigation and Ancillary Data Facility (NAIF).

PURPOSE

The NASA PDS Roadmap team will complete a PDS Roadmap for the period 2017-2026. The purpose of this activity is to provide a forecast of both the rapidly changing information technology (IT) environment and the changing expectations of science communities with respect to Planetary Data archives. The Roadmap Team will report their findings to the PSD Director.

APPOINTMENT, STAFFING, SCHEDULE, AND REPORTING

The majority of the PDS Roadmap Team will consist of 10 to 12 members chosen from those who have proposed to the "Dear Colleague Letter to Solicit Nominations for the NASA Planetary Data System (PDS) Roadmap Team". However, NASA reserves the right to appoint additional members as needed. In particular, the PDS Chief Scientist, Dr. Ralph L. McNutt, Jr. (Johns Hopkins University Applied Physics Laboratory, JHUAPL) will chair the meetings of this group, and Ms. Emily Law of the PDS Engineering Node will serve as his alternate as needed. The PDS Project Manager Dr. Thomas H. Morgan (Goddard Space Flight Center, GSFC) is an *ex officio* team member.

The PDS Chief Scientist will be responsible for the timing and agenda (with the concurrence of the PDS Project Manager) of each meeting. The team may hold town-hall meetings at national science meetings or survey the provider community by email and Web poll. [The Chief Scientist will report the results of the Roadmap Activity to the Planetary Science Division Director Dr. James L. Green at the end of one year of effort.](#)

Team members will be identified and contacted in late March 2016. The Chief Scientist will set up the first virtual meeting in mid-April 2016. At the first meeting the Chief Scientist will solicit input on a Roadmap outline, engage the team in discussion of the relative importance of future partnerships and directions of PDS, and work to understand member schedules to plan future meetings. [The team will provide a mid-term report to NASA HQ in August 2016 and a final report by the end of November 2016.](#)

The Roadmap Team is independent of the PDS Management Council.

11 March 2016