

## **W. James Adams: Deputy Director, Planetary Science Division**

**Current Position:** Since February 2006 serving as Deputy Director of the Planetary Science Division in the Science Mission Directorate, with oversight of the Discovery, New Frontiers, Lunar Science and Mars programs. With an annual budget of approximately \$1.5B and supported by roughly 30 civil servants and contractors, the Planetary Science Division has on-going efforts and programs across five NASA field centers. In this capacity, also responsible for the development of several key technologies including Ion Propulsion, Radioisotope Power Systems and Pu-238 production strategies.

**Formal Education:** BS in Physics from Westminster College in 1979, MS in Electrical Engineering from Villanova University in 1989, completed GE Systems Engineering Development Program in 1987.

**Industry Experience:** Began work at GE in Philadelphia and Valley Forge in 1979 as a Radiation Effects Engineer working on a wide variety of military and civilian space systems. Some of those systems included Galileo, Landsat, UARS, DSCS III, STS WCS, BS-2 as well as a variety of classified programs.

**Government Experience:** Joined NASA in 1989 as a Space Station Freedom Systems Integration Manager at the Goddard Space Flight Center (GSFC) in Greenbelt MD. Over 18 years, served in a variety of positions; last assigned as the Project Manager for the \$1.7B Tracking and Data Relay Satellite (TDRS) acquisition. Lead a team of 40 civil servants and contractors in the acquisition of two satellites that will provide critical support to NASA and other agencies. TDRS supplies the transfer of data to and from the Space Shuttle, the International Space Station, and numerous Earth orbiting satellites.

**Experience Summary:** Contributed to the design, development, test and/or operations of over 24 launched spacecraft, across three Science disciplines and Human Space Flight.

### **Positions at the GSFC were:**

- Deputy Project Manager, Solar Terrestrial Relations Observatory Mission
- Project Formulation Manager, Global Precipitation Measurement Mission
- Chief, Rapid Spacecraft Development Office
- Observatory Manager, Earth Observing System Chemistry Mission (now Aura)
- Manager, Space Station Systems Integration (WP3, FTS & Co-Orbiting Platforms)

**W. James Adams: Deputy Director, Planetary Science Division**

**Educational achievements include:**

- Bachelors Degree in Physics, Westminster College, New Wilmington PA
- Graduate, GE Systems Engineering Development Program
- Masters Degree in Electrical Engineering, Villanova University, Villanova PA
- NASA Business Education Program
- NASA Management Education Program
- NASA International Project Management
- NASA Advanced Project Management
- Private Pilot's License

**Selected awards:**

- NASA Medal for Outstanding Leadership
- NASA Medal for Exceptional Achievement
- NASA Medal for Exceptional Service
- "Business Solutions in the Public Interest" award from the Council for Excellence in Government and Government Executive