

DEBORAH L. DOMINGUE
Planetary Science Institute
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Education

1990	Ph.D.	University of Pittsburg. Geology & Planetary Sci.
1985	B.A.	University of Vermont, Physics

Employment History

2009 - present	Senior Scientist	Planetary Science Institute.
2014 - 2023	Deputy Director	Planetary Science Institute.
2005 - 2009	Principal Professional Staff	Johns Hopkins University.
1997 - 2005	Senior Professional Staff	Johns Hopkins University.
1996 - 1997	Adjunct Professor	University of Houston-Clearlake.
1994 - 1997	Staff Scientist	Lunar & Planetary Institute.
1992 - 1994	Visiting Research Scientist	Lunar & Planetary Institute.
1990 - 1992	Visiting Postdoctoral Fellow	Lunar & Planetary Institute.
1986 - 1990	Graduate Research Assistant	University of Pittsburgh.
1982 - 1985	Radio Astronomy Research Assistant	University of Vermont.

Experience

Dr. Deborah Domingue is an expert in the spectrophotometric properties of planetary regoliths. She has studied such diverse objects as icy satellites, asteroids, Mercury, and the Moon. Her science has included the examination of regolith physical structures and their relationship to regolith formation and alteration processes. Her work has included the study of space weathering on airless bodies (Moon, Mercury, asteroids, and icy satellites), the spectroscopic variability with morphologic terrains, and formation of exospheres.

She served as the Science and Mission Operations Liaison on the Near-Earth Asteroid Rendezvous (NEAR) mission and the Deputy Project Scientist for the MESSENGER mission. She is a Participating Scientist on the Japanese Hayabusa2 mission and is currently PI on over five research projects, and co-investigator on several more. She has expertise in integrating instrument operations, leading science operations, and conducting cutting-edge research involving the analysis of camera and spectrometer data sets.

Honors & Awards

- 2002 NASA Group Achievement Award – Near Earth Asteroid Rendezvous Shoemaker Mission Team
- 2008 NASA Group Achievement Award – MESSENGER Mission Team
- 2017 NASA Group Achievement Award – MESSENGER Project Team
- 2021 Hayabusa2 Honor Award
- Asteroid 20897 Deborahdomingue