# Stephen Volz

## Assistant Administrator for Satellite & Information Services
## National Oceanic and Atmospheric Administration (NOAA)

Dr. Stephen Volz is the NOAA Assistant Administrator for Satellite and Information Services. NOAA's Satellite and Information Service is dedicated to providing timely access to global environmental data from satellites and other sources to promote, protect and enhance the Nation's economy, security, environment and quality of life. In this role Dr. Volz leads the acquisition and operation of the nation's civil operational environmental satellite system. He also leads efforts for research and development of products and programs to archive and provide access to a variety of Earth observations via three national data centers.

Dr. Volz is a leader in the international Earth observation community, serving as the NOAA Principal to the Committee on Earth Observation Satellites (CEOS). In this capacity he leads efforts to coordinate global satellite-based observations among international space agency partners to further the development of a Global Earth Observation System of Systems. In addition, Dr. Volz serves as the Co-Chair of the NOAA Observing Systems Council, a group that coordinates observing systems requirements and provides resource recommendations for NOAA's observation platforms. He is also a member of the NOAA Executive Council, NOAA's executive decision-making body.

Dr. Volz previously served as the Associate Director for Flight Programs in the Earth Science Division of NASA's Science Mission Directorate. As the Program Director, Dr. Volz managed all of NASA's Earth Science flight missions and associated activities. Within this flight portfolio, Dr. Volz managed a line of Principle Investigator (PI) led missions in airborne science, small satellites, and instrument missions of opportunity, including the development of the Announcements of Opportunity to solicit the science and mission proposals, along with their subsequent evaluation and selection. Steve managed within the flight program a suite of Distributed Active Archive Centers (DAACs) that process, distribute, and archive all of NASA's Earth science data, as well as the science research data products developed from these and other satellite remote-sensing data. Dr. Volz worked with domestic and international space agencies to actively support and promote partnerships and collaboration to further NASA and the nation's Earth science remote-sensing objectives, and to maximize the beneficial utilization of NASA's Earth science data.

Dr. Volz has 26 years professional experience in aerospace. Prior to serving as the Flight Program Director, Dr. Volz was the Earth Science program executive for a series of Earth Science missions, including EO-3 GIFTS, CloudSat, CALIPSO, and ICESat, and he led the Senior Review for the Earth Science operating missions. Dr. Volz worked in industry at Ball Aerospace and Technologies Corporation from 1997–2002, where he was the Project Manager for the Space Infrared Telescope Facility superfluid helium cryostat and other flight projects. From 1986–1997 Dr. Volz worked for NASA's Goddard Space Flight Center as an instrument manager, an I&T Manager, a systems engineer, and a cryogenic systems engineer on missions and instruments including the Cosmic Background Explorer (COBE), among others.

Dr. Volz is a member of several professional societies, including the American Physical Society (M'82), the American Astronomical Society (M'87), the American Geophysical Union (M'02), and the American Meteorological

Society (M'08). He is a senior member of the Institute of Electrical and Electronics Engineers (IEEE), an active member of and participant in the Geoscience and Remote Sensing Society (GRSS), and a member of the GRSS Administration Committee (AdCom) for the period of 2013–2017. He is the recipient of several awards, including the Silver Snoopy Award from NASA's astronaut team in 1994 for his work as the instrument manager and team lead for the Space Shuttle cross bay mounted Superfluid Helium On Orbit Transfer (SHOOT) experiment, the Goddard Space Flight Center John Boeckel Award for Engineering Excellence (1992), and the Ball Corporation Award of Excellence from the Ball Aerospace and Technology Corporation (BATC) in 2001.

Dr. Volz has a doctorate in Experimental Condensed Matter Physics from the University of Illinois at Urbana-Champaign (1986), a master's in Physics from Illinois (1981), and a bachelor's in Physics from the University of Virginia (1980). He has more than 20 publications in peer-reviewed journals.

Dr. Volz is a native-born Washingtonian, and lives in Bethesda with his wife Beth and his two teenage daughters.