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NASA Science Mission Directorate Chief Technologist



Michael Seablom is the Chief Technologist for the Science Mission Directorate at NASA Headquarters. He has the responsibility for surveying and assessing technology needs for the Heliophysics, Astrophysics, Earth Science, and Planetary Science Divisions. He is also the primary liaison to the NASA Office of Chief Technologist and the Space Technology Mission Directorate.

During his 27-year tenure at NASA field centers and in the private sector Michael Seablom has led numerous cutting-edge information technology projects involving high-performance computing, sensor webs concepts for future Department of Defense and NASA architectures, and software engineering for science algorithms. In leadership roles he has served as manager of the Advanced Information Systems Technology program under NASA's Earth Science Technology Office, as the head of the NASA Goddard Software Integration & Visualization Office, and as the head of the Goddard Science Data Systems Branch. In these roles he had the responsibility for providing a broad array of information technology services to the Earth Sciences Division in the areas of software engineering for high performance numerical modeling applications, scientific visualizations, observing systems simulation support, and education and public outreach.

Michael Seablom is the recipient of the 2003 GSFC Information Systems Division Technology Leadership Award, the 2004 GSFC Goddard Outstanding Leadership Award, and the 2010 NASA CIO Excellence in Innovation Award. He holds a Bachelor of Science degree in Meteorology from Florida State University, a Master of Science degree in Atmospheric Science from Purdue University, and a Master of Business Administration in Management of Technology from Georgia Tech.

