

Biography:

Dr. Rupak Biswas is the chief of the NASA Advanced Supercomputing (NAS) Division, located at Ames Research Center, Moffett Field, Calif. In this role, he oversees the full range of high-performance computing resources and services for NASA's primary supercomputing facility. This work encompasses managing about 150 research and development scientists, engineers, and support staff comprised of civil servants and contractors. His key responsibilities are setting high-level objectives for the division that are aligned with that of the Agency, creating and maintaining a productive high-impact computational facility, and coordinating closely with NASA senior management. He received his Ph.D. in Computer Science from Rensselaer Polytechnic Institute in 1991, and has been at NASA ever since. During this time, he has received several NASA awards, including the Exceptional Achievement Medal (2006) and the Outstanding Leadership Medal (2009), and two Best Paper prizes (1999, 2000) given at the international "SC" conference on high-performance computing, network, and storage. He is an internationally recognized expert in supercomputing, and has published more than 150 technical papers on a variety of scientific computing topics in archival journals and at major peer-reviewed conferences, given numerous talks at home and abroad, and edited several journal special issues.