

NASA Applied Science @ SSC

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http://science.ssc.nasa.gov

Duane Armstrong
Chief, Applied Science & Technology Project Office

Career & Education Overview



NASA Career

- Chief, NASA Applied Science & Technology Project Office, SSC
- Deputy, NASA Applied Science & Technology Project Office, SSC
- Acting Deputy, Office of External Affairs, SSC
- Lead, Science & Technology Division, SSC
- Senior Engineer
 - Goddard Space Flight Center and Langley Research Center
 - •12 flight science instruments Earth science, space science, heliophysics and missile defense 4 currently in orbit
 - R&D nanophotonics, radiation hardened mixed-signal electronics, quantum effect sensors, advanced data acquisition systems, intelligent/adaptive/autonomous systems
- Cooperative education student

Education

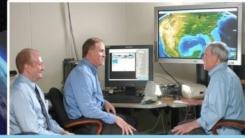
- •BSEE, Mississippi State University
- •Ph.D. candidate, Virginia Commonwealth University

Earth System Science Sun-Earth Connection Carbon Cycle and Ecosystems Climate Variability and Change Atmospheric Composition Earth Surface and Interior Weather Water & Energy Cycle





- Performs Scientific Research That Benefits The Nation And The Region
- Coordinates Multi-Agency Scientific Research Initiatives For NASA HQ
- Represents NASA On National And Regional Scientific And Policy-Making Bodies



Provides National Exposure for NASA Science



Enables Students to Participate In NASA Research



Develops Environmental Monitoring Technologies



Dust Devils on the Surface of Mars



