

Abstract:

Title: NOAA Space Weather Instruments: Current and Future

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The presentation consists of a brief overview of current and future space weather instruments hosted on NOAA low-altitude and geostationary spacecraft. Brief descriptions of instruments currently on orbit along with their operational status will be followed by a discussion of the new space weather instruments planned for the GOES-R spacecraft. Finally, current status of the NOAA/NASA effort to assess feasibility of refurbishing the Deep Space Climate Observatory (DSCOVR) platform to host space weather instruments is noted.

Biography:

- Joined NOAA's Satellite and Information Service (NESDIS) in January 2006, and is presently the Deputy and Senior Advisor in the NESDIS Office of Systems Development (OSD). Previous NESDIS positions are:
  - Senior Program Advisor to the Assistant Administrator
  - Acting Deputy System Program Director, GOES-R Program Office

Additional Career highlights:

- 22-year career in the United States Air Force (15 years in the National Reconnaissance Office) – retired in October 1998
- Since retirement, has held several positions in both the U.S. government and in the private sector, including:
  - Missile Defense Agency: Chief of Advanced Plans and Programs, Systems Engineering & Integration Directorate, Ground-based Midcourse Defense Joint Program Office
  - Ball Aerospace and Technologies Corporation: Deputy Program Manager, Russian-American Observation Satellite Program (RAMOS) Support Engineering contract
  - Defense Technology Security Administration (DTSA): Team Chief & Deputy Director, Space Launch Monitoring Division
- Education: B.S., Aeronautical Engineering, Rensselaer Polytechnic Institute (1976)  
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