

**2010 NOAA EDM Workshop**

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Silver Spring, Maryland

***Speaker Biography*****Duane L. Apling*****Northrop Grumman Information Systems (NGIS)***

Mister Apling began his career as a United States Air Force officer working at the Air Force Global Weather Central in Omaha, Nebraska, analyzing remotely sensed imagery data to support cloud cover forecasting for overhead reconnaissance systems. As a staff officer, he investigated and improved quality management processes and mainframe computing workflows to minimize forecasting timelines and maximize forecast skill. After leaving the Air Force, Mister Apling joined The Analytical Sciences Corporation, where he participated in diverse projects involving meteorology, remote sensing, climatology, mathematical modeling, systems analysis, and operations research. Presently, Mister Apling is with Northrop Grumman and is involved in developing decadal and long-range climate products tailored to meeting end-user needs; and in identifying and developing the enabling technologies which bridge gaps from the science and research community to the emerging new community of public and private decision makers dealing with the practical impacts of adaptation to climate change.