



Committee on Earth Observation Satellites

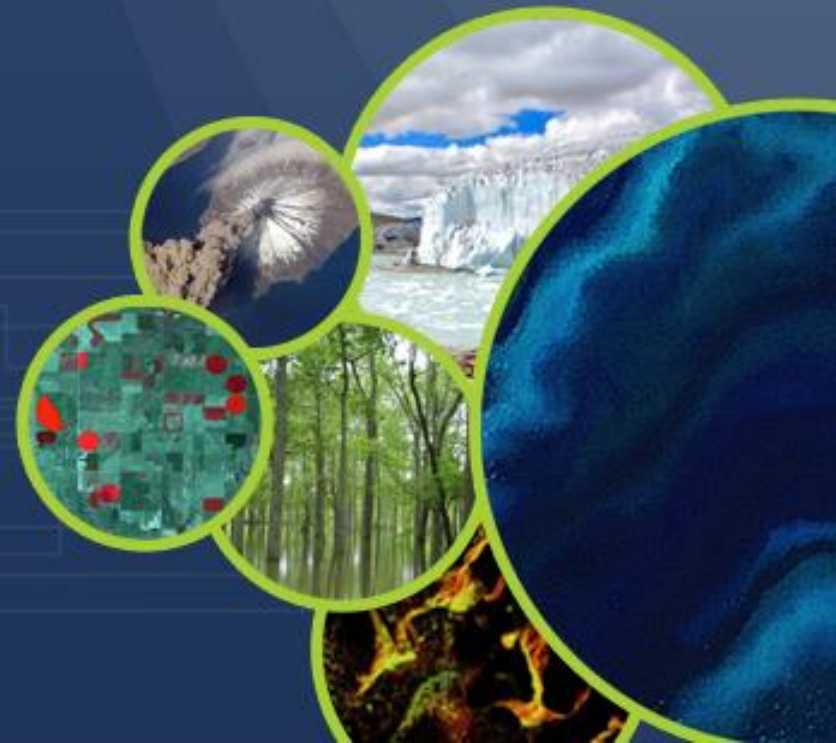
NOAA Report

Martin Yapur

CEOS WGISS - 42 meeting

ESA/ESRIN, Frascati, Italy

19 September 2016



NESDIS Strategic Plan



The NESDIS Goals:

1. Continuity
2. Data and Information
3. Architecture
4. Use-Inspired Science
5. Partnerships
6. People

Ensuring Reliability, Richness and Robustness of Services

OUR MISSION

The National Environmental Satellite, Data, and Information Service (NESDIS) provides secure and timely access to global environmental data and information from satellites and other sources to both promote and protect the Nation's environment, security, economy and quality of life.

OUR VISION

Expand understanding of our dynamic planet as the trusted source of environmental data.

OUR COMMITMENTS

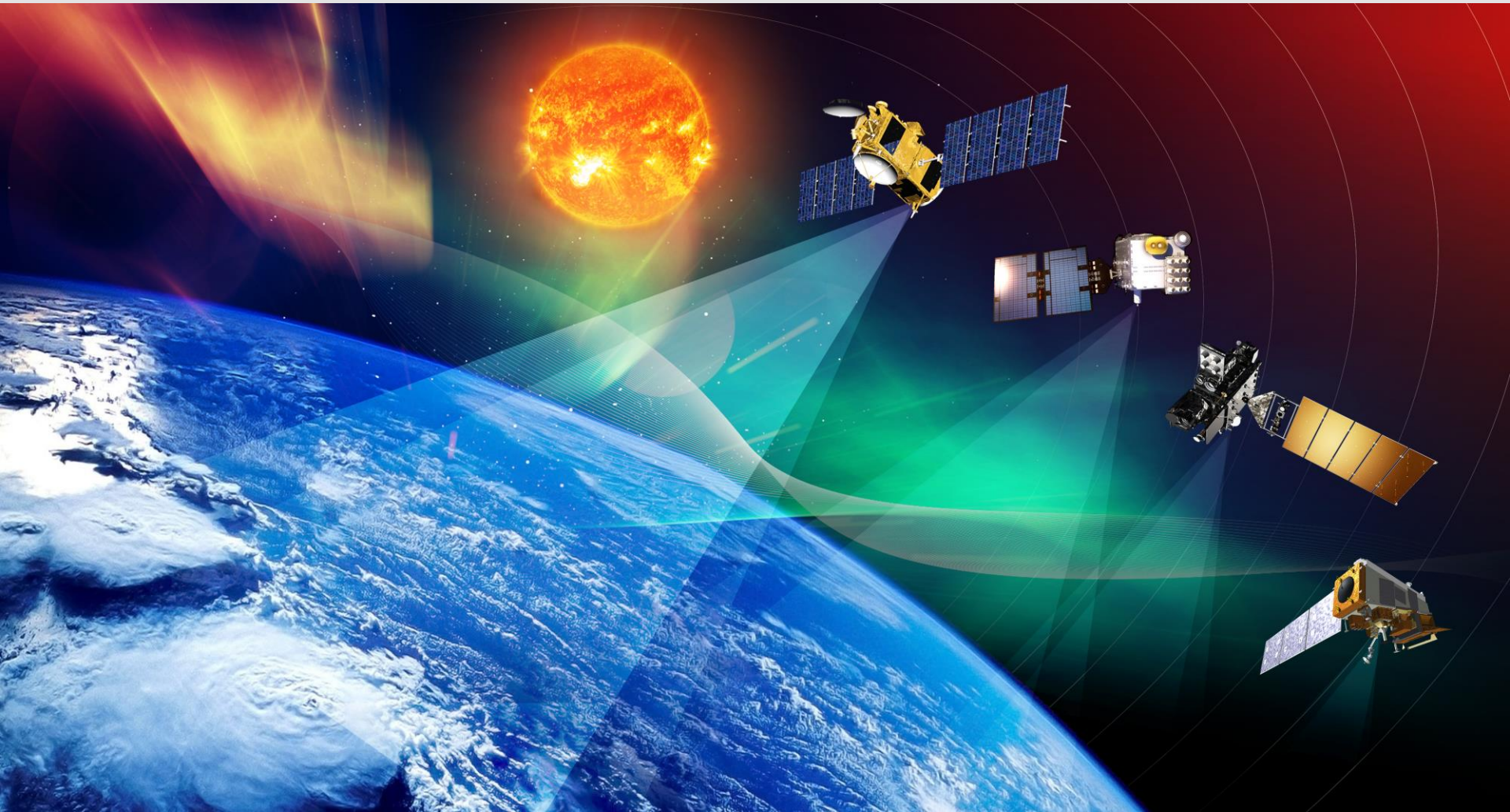
NESDIS will honor its commitments by keeping to cost and schedule, meeting observational and monitoring requirements for the enterprise, ensuring the security of the enterprise, maximizing the utility of data and information and promoting and developing use-inspired and innovative science with an engaged and highly skilled workforce. NESDIS will honor its long-standing commitment to the Nation by maintaining the delivery of reliable around-the-clock, high-quality operational data, leveraging existing and future partnerships and fostering international cooperation in environmental observation through full and open data exchange.



Partners in the Global Observing System



Upcoming Launches



Architecture of the Future

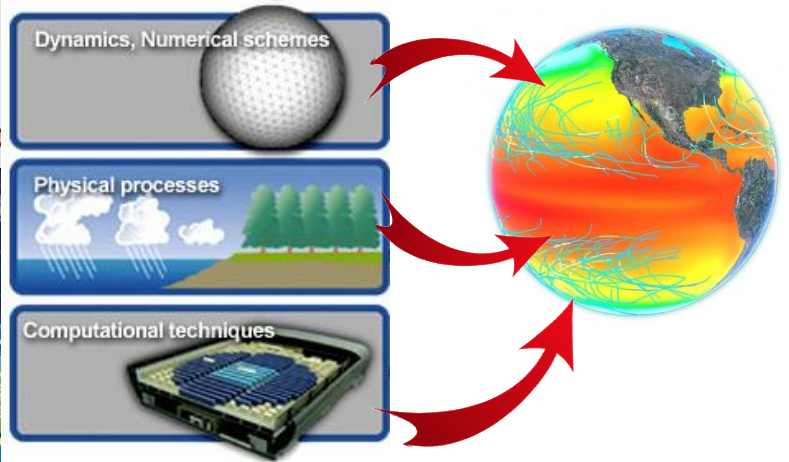
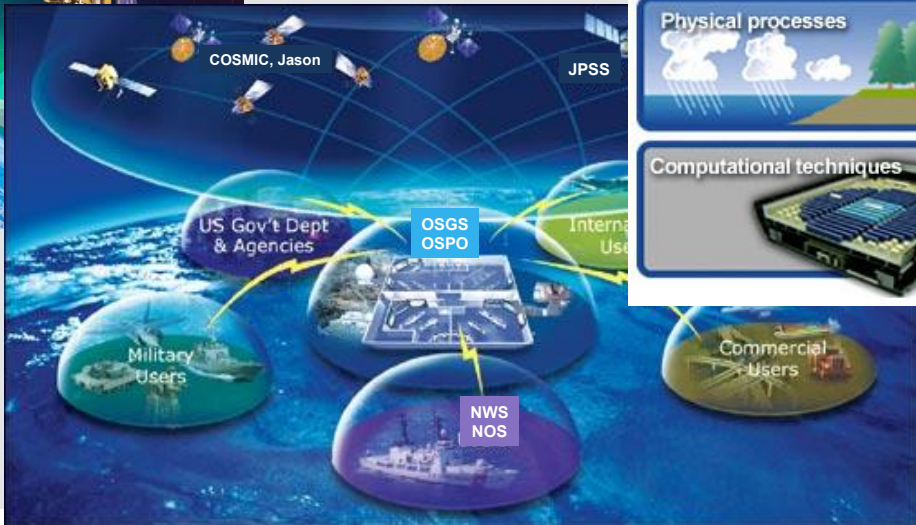
Develop a space-based observing enterprise that is flexible, responsive to evolving technologies, and economically sustainable.

--FY15 NOAA Annual Guidance

Global Earth Observing Satellite System

Integrated & Assimilated Operational Data Flow

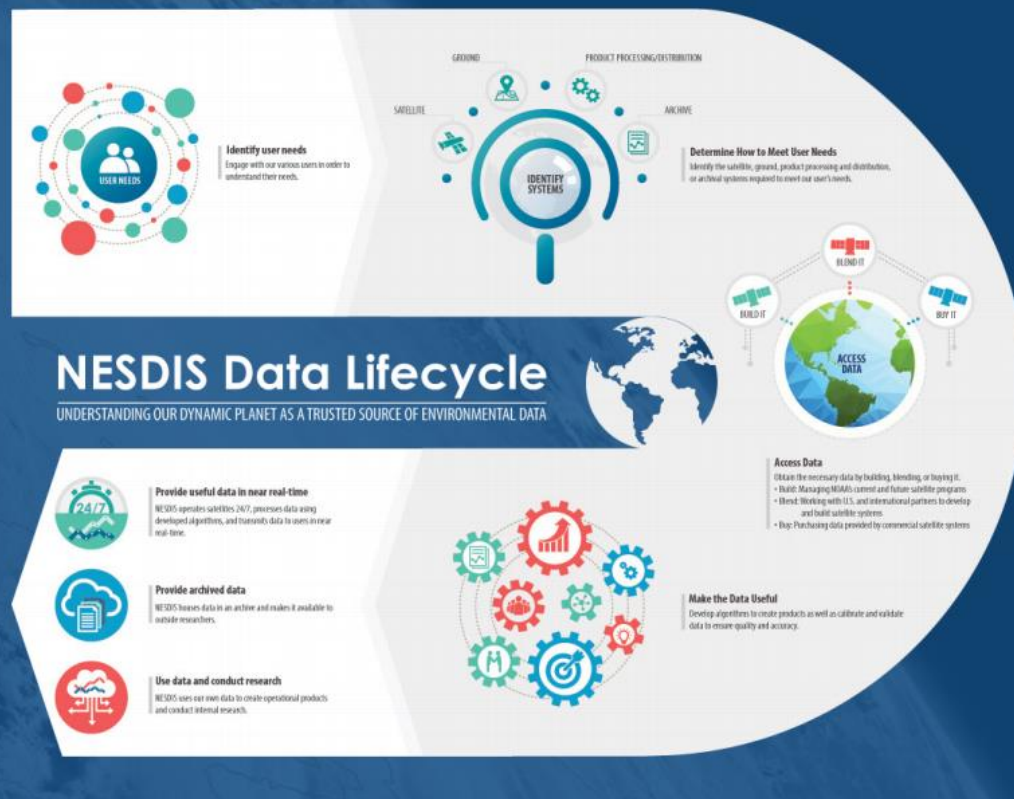
Next Generation Integrated & Adaptive Grid



Data Lifecycle

NESDIS DATA LIFECYCLE

NESDIS supports NOAA's mission of Science, Service and Stewardship through every facet of our operation, including satellite missions, data centers, data and information products and services as well as the development of use-inspired science. It is an end-to-end responsibility, requiring the unique contributions of each office, which underpins NOAA's value to the nation.



Expanding Understanding of Our Dynamic Planet



■ Provide useful data in near real-time



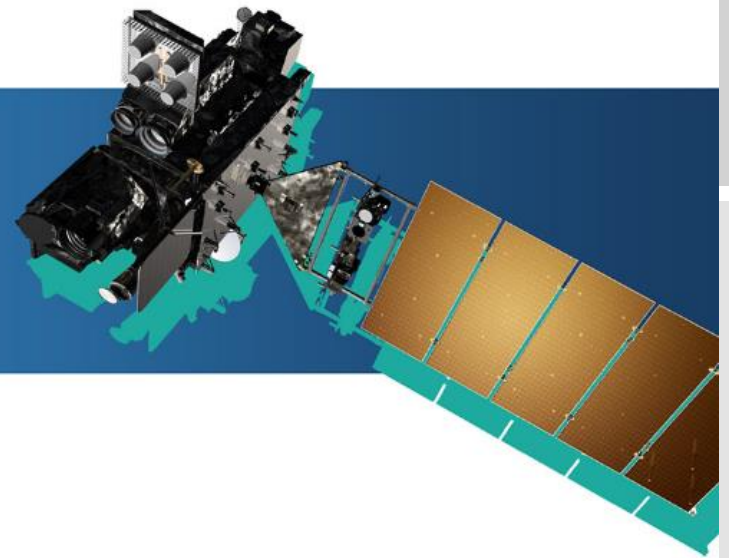
■ Provide archived data



■ Use data and conduct research

GOES-R

BE A PART OF THE EXPERIENCE!



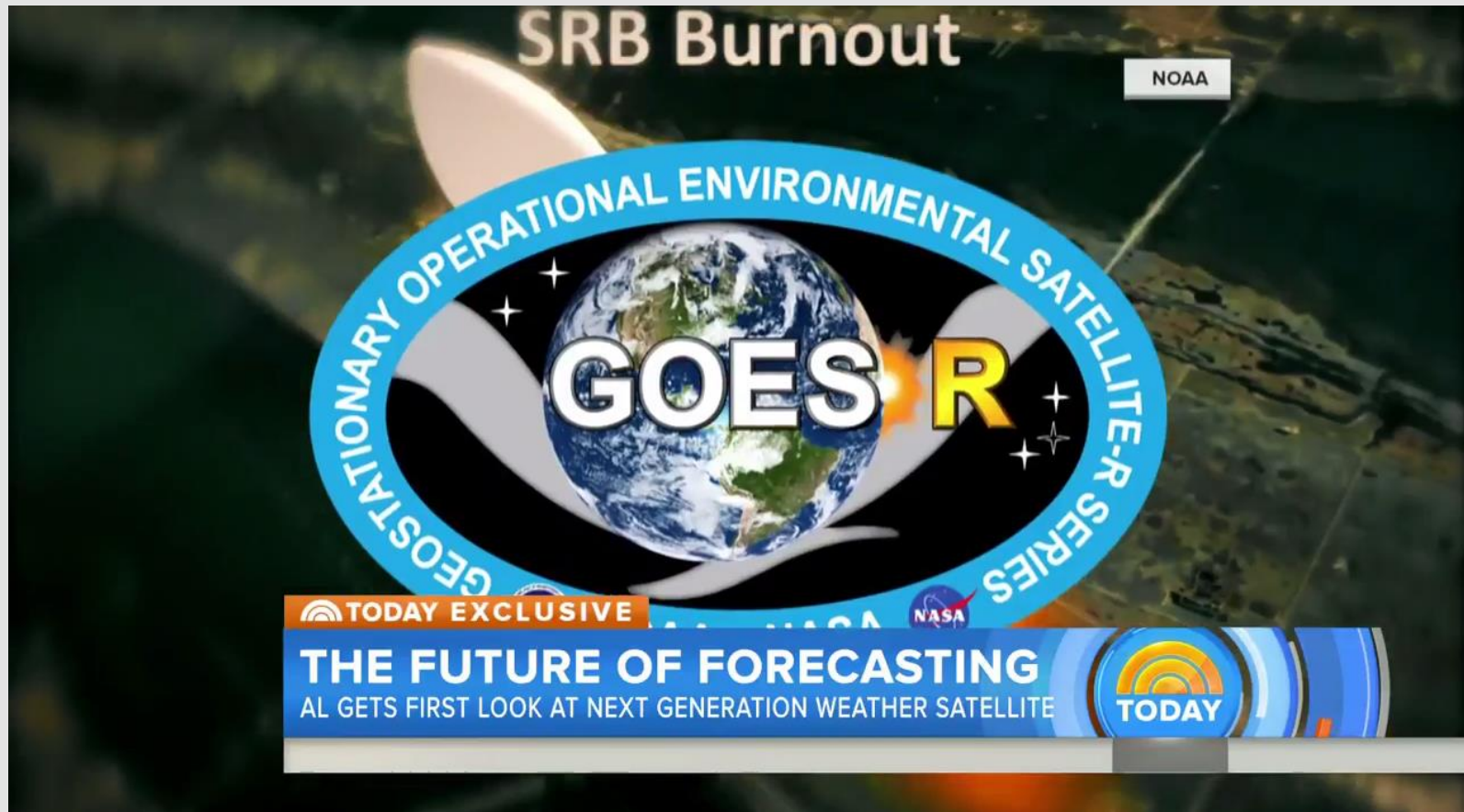
Register for the #GOESR Launch Social,
➤ **November 3-4, 2016**

Don't miss this behind the scenes opportunity to snap, post, tweet, and share everything from the launch of NOAA's GOES-R, America's Next-Generation Weather Satellite.

Registration for credentials is open
➤ **September 5-14, 2016**

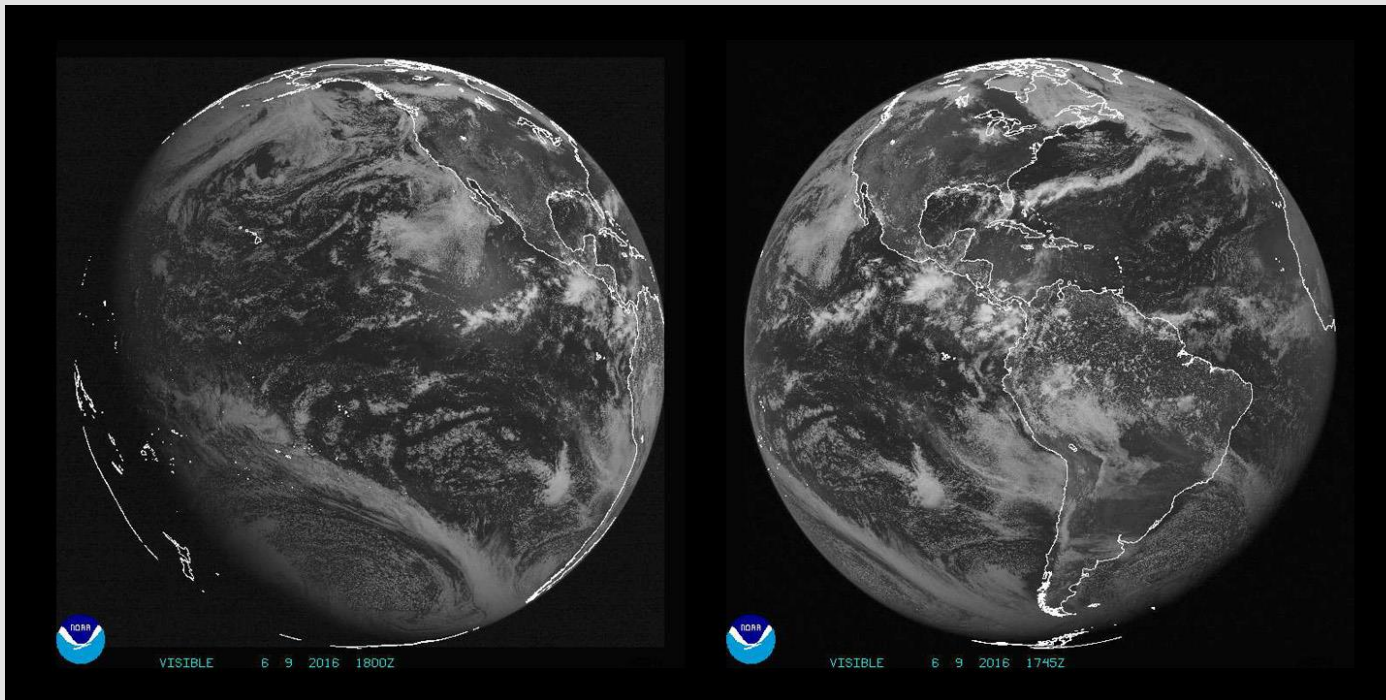
All social media accreditation applications will be considered on a case-by-case basis.

The Future of Forecasting



<http://www.today.com/video/get-an-exclusive-first-look-at-noaa-s-new-weather-satellite-750733891982>

GOES R Global Partnerships



New imagery and data from NOAA's GOES-R satellite, scheduled for launch later this year, is not only a game-changer for the U.S., but also for the other countries in the Western Hemisphere the satellite will see. Geostationary satellites, like GOES-R, observe Earth from an equatorial view approximately 22,300 miles high, allowing them to see from the coast of West Africa, to Guam, and everything in between.

Celebrating 41 Years of Service

Thomas Karl, Director, NCEI



Thank you!

