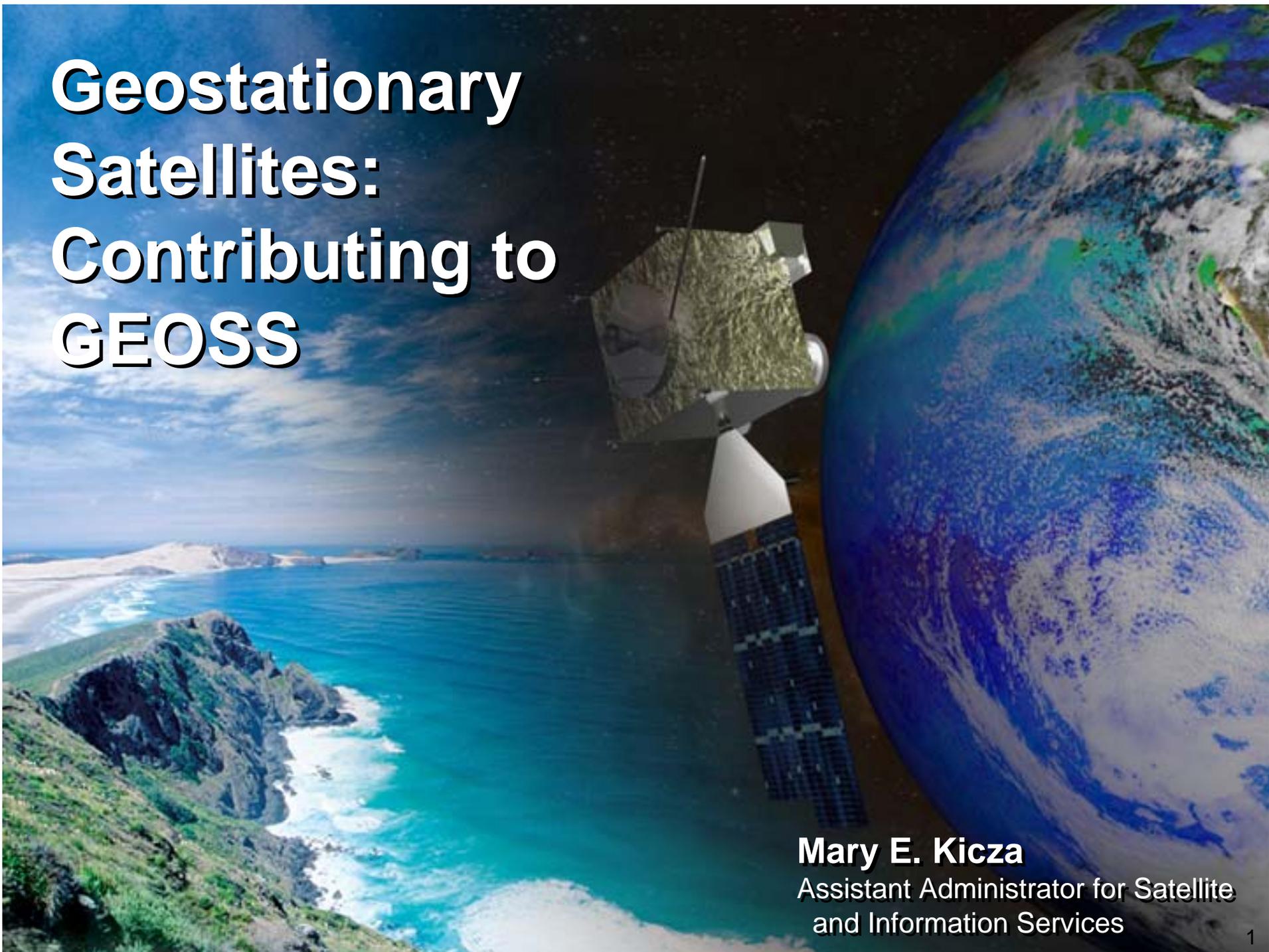


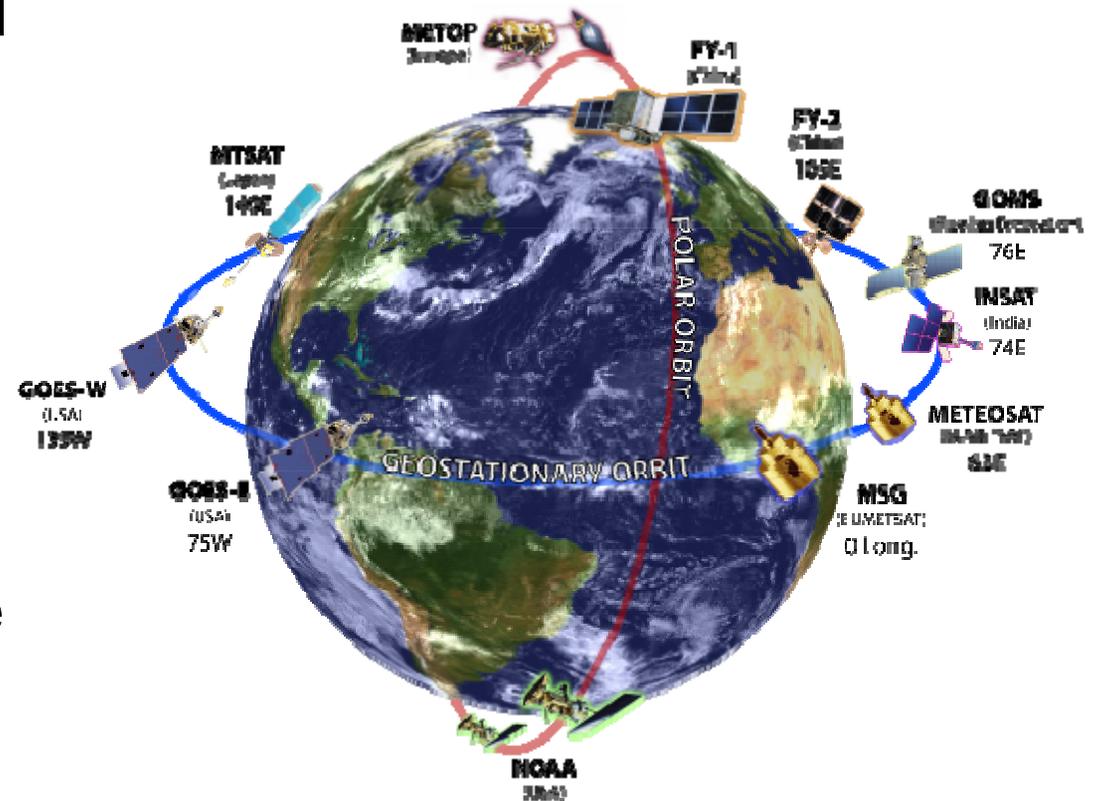
# Geostationary Satellites: Contributing to GEOSS



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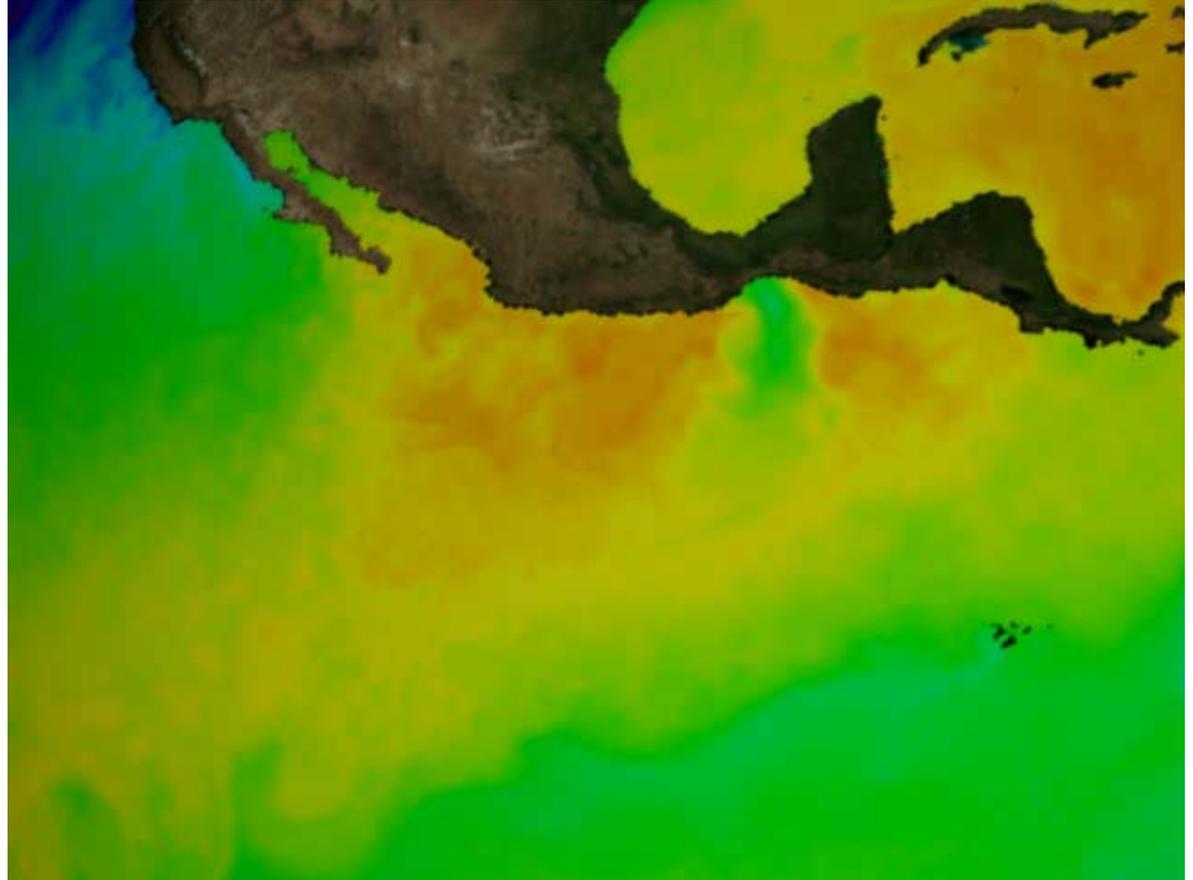
# Do You Think GOES When You Think GEOSS?

- Geostationary Operational Environmental Satellites
  - NOAA's weather sentinels
  - Constant monitoring of the hemisphere
  - Key for severe weather monitoring and forecasting
- But important to link to the broader GEOSS effort
  - Key as we move into the GOES-R era
  - Part of an international constellation



# Global Combined Sea Surface Temperature Product

- Currently, NOAA POES and GOES sea surface temperature product
- Key for ocean and atmospheric models
- Advanced analysis methodology
- Will incorporate new data sets:
  - Int'l geostationary and polar sensors
  - Microwave data
- High-resolution SST features clearest where geostationary data is available



# Benefits of GOES-R = Benefits to GEOSS

- GOES-R will be a technical challenge but results will be immense
- Great strides in program over past year
- Key to translate the improved capability into improved environmental products
- Need community, industry, and government to work together to convey the message

