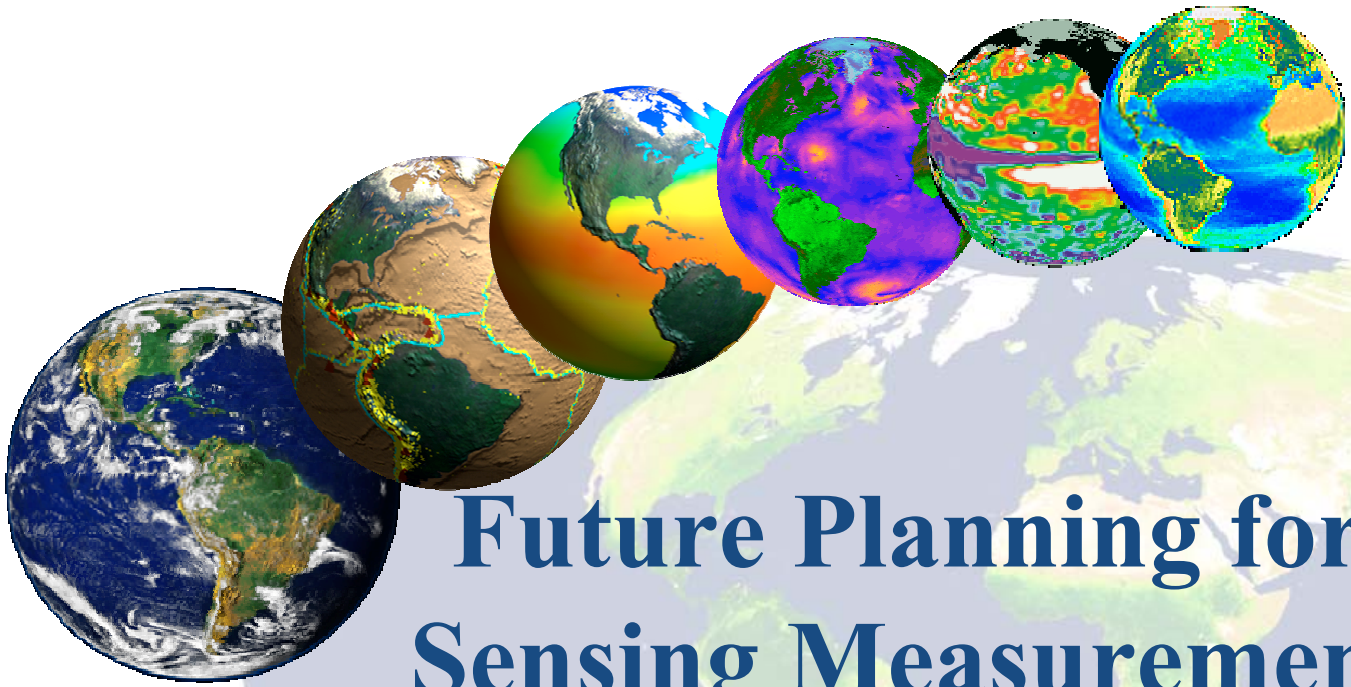
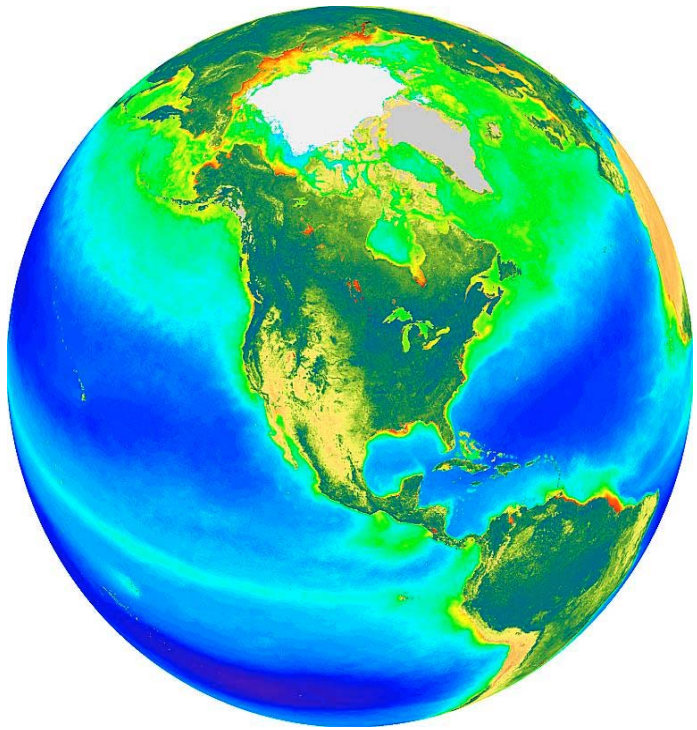


Future Planning for Remote Sensing Measurements and In Situ Concepts

Paula Bontempi
NASA Headquarters
April 2004

Goal

- Expand the program science via new remote sensing and in situ technologies, and new measurements



Speakers For Future Measurement Discussion

1:30-5:00 Future Planning for Remote Sensing Measurements & In Situ Concepts – P. Bontempi/NASA HQ

- Future directions in science – D. Barber/Duke University
- Phytoplankton Physiology and Productivity – M. Behrenfeld/NASA WFF
- PhyLM – M. Behrenfeld/NASA WFF
- Laser Fluorescence Analysis of Phytoplankton: Beyond Chlorophyll Concentration – A. Chekalyuk/NASA WFF
- NASA UAV-Ocean Color Imager - J. Myers/SAIC NASA ARC
- Biogeochemical Sensors on Autonomous/Lagrangian Platforms – M.J. Perry/Darling M R Center
- What is the ideal Coastal Mission: Hyperspectral or geostationary or both? – J. Campbell/Univ. of New Hampshire
- Ocean Color Science: A Need for Measurements Based on a Reductionist Approach – D. Stramski/UCSD SIO
- Constraining model parameterizations of our governing equations for spectral reflectance and primary production: A 10-year concept – B. G. Mitchell/UCSD SIO