

Welcome from the CIOSS Director

The Cooperative Institute for Oceanographic Satellite Studies (CIOSS) was established in April 2003. CIOSS scientists collaborate with research scientists at the NESDIS STAR Satellite Oceanography and Climatology Division (SOCD) to enhance and improve the use of satellite remote sensing for oceanographic research, operational applications, and education/outreach.

The primary purpose of CIOSS is to establish a cooperative (federal-academic) center of excellence for research involving satellite remote sensing of the ocean and the air-sea interface. CIOSS' research themes are: 1) satellite sensors and techniques; 2) ocean-atmosphere fields and fluxes; 3) ocean-atmosphere models and data assimilation; 4) ocean-atmosphere analyses; and 5) outreach, education and training. These research themes are aligned to achieve four goals:

- Foster and provide a focus for research related to NOAA's mission responsibilities and strategic objectives in the coastal and open ocean, emphasizing those aspects of oceanography and air-sea interaction that utilize satellite data, along with models of oceanic and atmospheric circulation.
- Collaborate with NOAA research scientists in using satellite ocean remote sensing through: evaluation, validation, and improvement of data products from existing and planned instruments; development of new multi-sensor products, models, and assimilation techniques; and investigation and creation of new approaches for satellite data production, distribution, and management.
- Improve the effectiveness of graduate-level education and expand the scientific training and research experiences available to graduate students, postdoctoral fellows and scientists from NOAA and other governmental laboratories and facilities.
- Educate and train research scientists, students, policy makers and the public to use, and to appreciate the use of, satellite data in research that improves our understanding of the ocean and overlying atmosphere.

We welcome your comments and questions.

Ted Strub, CIOSS Director