

# Welcome from the CIOSS Director

Welcome to the website for the Cooperative Institute for Oceanographic Satellite Studies (CIOSS). CIOSS was selected competitively in January 2003 and established in April 2003. Initial research collaborations are between the NOAA/NESDIS Center for Satellite Applications and Research (STAR, formerly known as ORA, the Office of Research and Applications) and OSU's College of Oceanic and Atmospheric Sciences (COAS).

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 its air-sea interface. CIOSS provides a mechanism to bring together the resources of a research-oriented university (OSU), NESDIS and other NOAA line offices, with additional partners at other universities, and government and private agencies. The research undertaken by CIOSS is relevant to understanding the Earth's oceans and atmosphere. While the open ocean is included in the scope of CIOSS research, there is an emphasis on ocean margins and their coastal regions, including marine ecosystems and the living and non-living resources within these regions. CIOSS is designed to accomplish the following:

- Extend NOAA's research involving the ocean and its interaction with the atmosphere, by developing, improving and using satellite remote sensing methods that better resolve fields at the air-sea interface.
- Serve as a focal point for interactions between NOAA and the oceanographic research community, for research activities related to NOAA's mission responsibilities and strategic objectives in the coastal and open ocean.
- Improve the effectiveness of graduate-level education and expand the scientific possibilities and experiences available to graduate students, including participation in joint research programs with NOAA and other government agencies.
- Provide expanded opportunities for training and collaboration in satellite ocean-atmosphere remote sensing and modeling. This includes planning for future satellite sensors, as well as calibration and validation of existing sensors.

We welcome your comments and questions.

Ted Strub, CIOSS Director