

Proposed New IOCCG Working Group:  
**Requirements for Ocean Color Remote  
Sensing of the Coastal Zone**

Proposed Chairs:

**Curtiss Davis, NRL**

**Christopher Brown, NOAA**

# Goals

- Define the optimal sensor or suite of sensors to characterize the coastal ocean for oceanographic and societal applications. This includes:
  - Assessing current capabilities
  - Recommending optimal sensor characteristics including spectral channels, SNR, frequency of sampling, etc.
  - Considering combinations of sensors and platforms, e.g. polar orbiters and geostationary sensors

# Issues

- Defining requirements, both scientific and societal.
- Listing of current and planned sensors that can address those needs.
- Determining ways to address and resolve the gaps in data provided by current and planned sensors.

# First Year (2005) Objectives

- Outline report and form committee
  - International
  - Include experts on all key topics (sensor design, calibration, atmospheric correction, applications, products and product validation)
  - Maximum of 12 people
- Hold workshop to create first draft of report
  - Fall 2005 ? (Potential Conflict with A. Dekker's Optically Shallow Waters Workshop)

# Long Term Objectives

- Year 2: Complete report and send it to IOCCG for review
- Year 3: Report published and distributed by IOCCG

# IOCCG Actions

- At this meeting:
  - Approve plan to form working group
  - Suggest international participants
    - Provide full contact information for each recommended participant to chairs
- Spring 2005 approve working group membership, workshop plan, and report outline.
- Provide funding for the workshop planned for Fall 2005 (?).
- Support the review and publication of the report in Years 2 & 3.