



**NOAA Ocean Satellite Data Course  
March 24-26, 2008  
Oregon State University, Corvallis, OR**



**National Oceanic and Atmospheric Administration**

**&**

**Cooperative Institute for Oceanographic Satellite Studies (CIOS)**

**Instructors**

OSU/COAS: Ted Strub, Curtis Davis, Chris Romsos  
NOAA/NMFS, David G. Foley, Luke Spence, and Cara Wilson

**Agenda**

**Monday, Mar. 24, 2008 Morning**

COAS Classroom, 193 Burt Hall

- 8:30 Introduction to the course - objectives and logistics, *Cara Wilson*
- 9:00 Overview of ocean remote sensing and IR specifics and applications, *Ted Strub*
- 10:00 Break
- 10:15 Visible, ocean color specifics and applications, *Curtis Davis*
- 10:45 Passive and active microwave: SST, altimetry, scatterometry specifics and applications, *Dave Foley*
- 12:00 Satellite applications within Fisheries and Marine Sanctuaries, *Cara Wilson*
- 12:30 Lunch (on your own)

**Monday, Mar. 24 2008 Afternoon**

Digital Earth Classroom, Department of Geosciences, 210 Wilkinson Hall

- 2:00-2:30 Group Introductions
- 2:30-3:00 Where, when, which and how? (of satellite data usage) *Dave Foley*
- 3:00-4:30 Intro to 'ArcSatellite' *Luke Spence*
- 4:30-5:00 Group Discussion
- 5:00- ?? Bombs Away and beer

**Tuesday, Mar. 25, 2006**

Digital Earth Classroom, Department of Geosciences, 210 Wilkinson Hall

- 8:30-10:00 Sample Application: 'ArcAnalysis' *Luke Spence*
- 10:00-10:30 Break
- 10:30-12:00 PaCOOS Marine Habitat Portal: Working with web mapping services  
*Chris Romsos*
- 12:00-1:30 Lunch (on your own)
- 1:30-3:00 Data Extraction I with Matlab & R (Ratlab), *Dave Foley*
- 3:00-3:30 Break
- 3:30-4:30 Data Extraction II with Matlab & R (Ratlab), *Dave Foley*
- 4:30-5:00 Group Discussion
- 5:00- ?? Bombs Away and beer

**Wednesday, Mar. 26, 2006**

Digital Earth Classroom, Department of Geosciences, 210 Wilkinson Hall

- 8:30-11:30 Continue on projects
- 11:30-12:00 Wrap-up discussion

- Class Over! -

- 1:30-4:30 One-on-one appointments can be scheduled, if desired
- 4:30- ?? Bombs Away and beer