



Interagency Workshop on Societal Applications of Satellite Data for the Chesapeake Bay



Goddard Applied Sciences
NASA Earth Sciences



Welcome!

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Welcome

Physical scientists, resource managers: public health, environmental protection, national security, economy, ~ $\frac{3}{4}$ currently using satellite data products in your work

Background

Interagency working group since May, connecting satellite data providers with end users around the Bay

Workshop Objectives

What do managers need?

What can be observed or derived using satellites?

What are the priorities for future missions?



Questions

What is your operational definition of 'water quality'?

What environmental variables are required to perform your tasks? What thresholds are involved in your decision process?

What observables do you need where remote sensing could fill gaps?



Introductions and overview

What is your operational definition of 'water quality'?

Panel 1: Quantifying ecology

Panel 2: Human health

Lunch - demo of aquatic/ocean color satellite tools

Panel 3: Land-water interaction

Groups: *What environmental variables are required to perform your tasks and what thresholds are involved in your decision process?*

Gallery walk

Groups: *What observables do you need? How can remote sensing fill gaps?*

Gallery walk

Keynote presentation

Summary and wrap-up actions



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