



Overview of NOAA Social Science

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Mission



To understand and predict changes in Earth's environment and conserve and manage coastal and marine resources to meet our Nation's economic, social, and **environmental** needs.



Social Science is needed to address 2 out of 3 of the nation's needs.....yet,
Social Science represented 0.6% of NOAA's budget in FY 08 and has been trending downward.

2003, 2009 NOAA Science Advisory Board
Social Science Working Group Reports



NOAA Organization



- Line Offices-
 - Oceanic and Atmospheric Research (OAR)
 - National Ocean Service (NOS)
 - National Environmental Satellite, Data, & Information Service (NESDIS)
 - National Marine Fisheries Service (NMFS)
 - National Weather Service (NWS)
 - Program Planning & Integration (PPI)



- Economics dominates the NOAA social sciences representing 71% of the in-house social science staff.
- 73% of NOAA in-house social science staff resides in NMFS. Magnuson-Stevens Major provisions include
 - provide for the sustained participation of fishery dependent communities and minimize economic impact on those communities
 - Mandates research on economics of the fisheries



Enterprise Goals



- Mission Goals
 - Ecosystem
 - Climate
 - Weather & Water
 - Commerce & Transportation



Ecosystem

- National Centers for Coastal Ocean Science
- Office of National Marine Sanctuaries
- Office of Response and Restoration
- NMFS collects economic and social data from the nation's commercial fisheries and fishing communities. The agency is using these data to evaluate the performance of catch shares programs in Alaska, the Gulf of Mexico, and New England.



Climate



- NAS Workshop on Adapting to climate Change: insights from the social sciences.
- Regional Integrated Sciences and Assessments (RISA) Program supports integrated research across the social, natural and physical sciences.



Weather and Water

- Western Region SAFER (Societal applications for Enhanced Readiness) Program May 18-21, 2010.
- NSF-NOAA joint “Communicating Hurricane Information
- National Weather Service (NWS) undertook a study on the economic value of a 7- to 10-day streamflow temperature forecast. They allow the water resource manager to make more cost-effective water allocation decisions.



Commerce and Transportation



- National Ocean Service (NOS) recently completed a study on the economic value of navigation-related products and services and plans on expanding this work into other NOS activities.
- Coastal Services Center



High Interest Areas

- Ecosystem Services and Markets
- Coastal and Marine Spatial Planning
- High-Impact Weather (including communication and economic valuation of weather forecasts)
- The Social Costs of Carbon
- Assessing community impacts of fisheries management



Welcome

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