



Quantitative Assessment of Spatially-Explicit Social Values Relative to Wind Energy Areas

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Atlantic Region



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BOEM Need: Identify and understand the nature and intensity of place-based values in order to more appropriately site renewable energy developments.



“Hundreds of angry residents protest wind developments...”

“[Government] under attack for not pushing fast enough...”

“As soon as the wind turbines go up, I’m not going to live there.”

“If you haven’t got the support of your community, it’s going to be very, very difficult.”

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Bayesian Analysis for Spatial Siting *Decision Support for Marine Renewables*

OCS Study
BOEM 2012-083

Identification of Outer Continental Shelf Renewable Energy Space-Use Conflicts and Analysis of Potential Mitigation Measures

Mid-Atlantic Coastal and Ocean Recreation Survey

Thank you for your interest in our survey. The survey is now closed. The data collected through the survey will help inform ocean planning in the Mid-Atlantic region and will be posted on the Mid Atlantic Ocean Data Portal sometime in 2014.

If you are interested in updates on the status of the survey data and regional planning happening in the Mid-Atlantic, please add your email to our E-Newsletter list through the [Surfrider Mid-Atlantic webpage](#).

[Frequently Asked Questions](#)



Photo: Beata Jancsik/Shutterstock.com

2013 Mid-Atlantic Recreational Boater Survey

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About the Survey

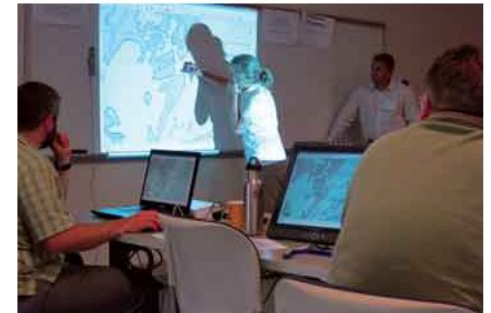
Recreational boating in the Mid-Atlantic is an important activity that thousands of ocean users take part in during the summer months throughout the entire year. Unfortunately, there is little documented data about the details of recreational ocean boating, such as duration of trips, and when and where boats visit.

SURVEY INFORMATION About The Survey

With growing competition of other ocean uses such as shipping, commercial fishing, recreational fishing, offshore energy develop...



Mapping Virginia's Atlantic Coast Recreational Uses



In July 2012, the Virginia CZM Program and Accomack-Northampton PDC, with expert help from NOAA, co-hosted an Atlantic Coast **Recreational Use Workshop** at the Eastern Shore Community College. Participants mapped 22 distinct recreational uses occurring along Virginia's Atlantic coast, from the shoreline out to the 200 mile US Exclusive Economic Zone (EEZ) boundary - everything from scuba diving, to charter fishing, to kayaking.

Experts from NOAA taught the **Participatory Geographic Information System (PGIS)** process to facilitators and GIS technicians from Virginia's CZM Program as well as from Maryland, Delaware and New Jersey. PGIS is a new tool that allows groups of people to easily map and annotate areas that are important to them and immediately pull that data into GIS.

About 45 stakeholders from Virginia Beach and the Eastern Shore were divided into 5 groups. Each group mapped both the general footprint of each of the 22 uses and the dominant use areas within each:



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2012 NE Recreational Boater Survey

The 2012 Northeast Recreational Boater Survey collected spatial and economic data on marine recreational boating in the Northeast during the 2012 boating season.

Understanding when and where the various uses of the ocean occur is critical to minimizing conflicts among user groups, fostering economic vitality, achieving sustainable ocean use and ensuring the marine environment can be enjoyed for years to come. To help fill this gap in information, SeaPlan, the Northeast Regional Ocean Council, First Coast Guard District, state coastal programs, marine trades associations and others conducted the 2012 Northeast Recreational Boater Survey. Building off the 2010 Massachusetts Recreational Boater Survey, we used a similar

Project Info

Completion Date

December 19, 2013

Area of Practice

Use & Resource Characterization

Atlantic Region



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Value has been subjectively operationalized, relying on use by “key” stakeholders to weight concerns and issues and drive decisions.





Atlantic Region

Image Credit:
<http://hamptonroads.com/2011/06/protesters-va-beach-push-wind-energy>

Objectives:

Document the constellation of place-based values.

Identify relationships between social and environmental attributes.

Develop models to assess the likelihood of local action.

Identify potential conflicts related to the co-location of values and project siting.





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Methods: randomized social surveys with mapping exercise to identify areas of value. Respondents would be asked a series of questions used to identify their environmental value-attitude orientation, moral framework, and behavioral propensities/intentions and link them spatially.



Atlantic Region

THE
NEW YORKER

Gaining understanding and giving an equal voice to all stakeholders are essential to responsible decision-making.

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