

Virginia Sea Grant Progress Report Guidance—DUE JULY 15, 2011
For activity between February 1, 2010—January 31, 2011



We appreciate the time and effort it takes to complete reporting requirements and thank you in advance for submitting your progress report for your Virginia Sea Grant (VASG) funded project. VASG uses these reports to track progress and accomplishments of our projects, and also to report these impacts back to the NOAA National Sea Grant Office. We may use this information publically to acknowledge your achievements, and may follow-up with you for additional details.

INSTRUCTIONS:

When submitting your report, please limit this report to project activities supported wholly or in part by Sea Grant between 2/1/2009 and 1/31/2010 (unless otherwise indicated). Please use text only (no figures, symbols, etc...)!!!! Label sections of your report as indicated below. Not all sections will apply to all projects, but please provide as much information as you can. Contact Susan Park (spark@vims.edu, 804-684-7436) if you have questions about particular sections. Email your completed report to vsgreports@vims.edu as a single Word document and attach all publications. Please submit this report as soon as possible, but no later than August 1, 2011.

REPORT CONTENT:

I. Project Identifying Information

- A) Project title** Climate Change Impacts in Virginia: Assembling Natural Resource Data Records as Tools to Assess Continuing Trends
- B) Start and end dates** 2/1/09 – 1/31/11
- C) PI and institution** Roger Mann, Virginia Institute of Marine Science
- D) Co-PIs and institutions** Carl Hershner, Virginia Institute of Marine Science and Marcia Berman, Virginia Institute of Marine Science

II. Project Partners:

III. Activity Progress Summary:

- A) Objectives:** The project goals between February 2010 and January 2011 were continued collection of long term data sets, some basic analysis of data sets which can be used towards comparing climate change trends with trends in natural resources and the creation of a website to disseminate the information to the public.
- B) Activities:** During the grant year, we have sought out datasets for long-term analysis related to climate change. Criteria for this review included: sufficient temporal scope (ideally 20+ years), data specific to Virginia (not clumped into categories, such as “southeast”), and specific monitoring or collection location for comparison with climate data. We did basic analysis of some of the datasets, comparing trends in natural resources with changes in temperature and/or precipitation. We began the creation of a web site to disseminate the collection of dataset locations and availability and to educate the public on the types of analyses possible with the collected datasets.
- C) Results:** Please summarize the verifiable results of your work; i.e., the scientific findings.
- D) Impacts:** The resulting bibliography of natural resource and climate databases will be disseminated to the public via a website. The collection of this information in a single place will aid future researchers and resource managers in examining climate change impacts and temporal trends. The website will highlight various types of comparisons possible and detail questions of interest that cannot be answered using currently

available datasets. This will provide direction to managers for future data collection efforts.

- E) **Outreach:** Following the launch of the website, state, local and federal agencies with specific interests in Virginia will be notified through existing outreach publications.

IV. Outputs:

- A) **Publications:** None
- B) **Sea Grant sponsored or co-sponsored workshops or conferences:** Climate Change Impacts in Virginia: Assembling Natural Resource Data Records as Tools to Assess Continuing Trends, Feb 2nd 2011, Virginia Sea Grant Project Participants Symposium, Richmond, VA, 1 attendee.
- C) **Presentations:** None
- D) **Media placements:** None
- E) **Services for K-12 students and teachers:** None
- F) **Graduate, undergraduate, and postdoctoral student support and involvement in Sea Grant projects:** None
- G) **Personnel news:** None
- H) **Volunteer hours:** None
- I) **Other:** None

V. Past Projects:

VI. Other comments: