

# Rip Current Awareness

**ANNUAL REPORT 2012**

The New Jersey Sea Grant Consortium (NJSGC) was founded by six state colleges in 1968 as a consortium center for the study of marine and near-shore environmental activities. Today it boasts a proud consortium of marine scientists and other professionals that share and support the vision and mission of the organization, making it one of the largest alliances of its kind in the state, region, and the world.

The NJSGC has conducted leading research in the fields of marine and coastal-related environmental issues since 1978 and is recognized as the academic and research center for the state.

For over 40 years, the New Jersey Sea Grant Consortium has been the state's leading center for marine research and education in marine and environmental science and is a leading provider of marine and coastal-related information. The organization is leader, innovator, educator, and connector with the state's coastal community.

While marine research and education are the cornerstone of the Consortium's mission, its goal is also the protection of the state's coastal resources. The organization has been instrumental in a wide range of projects, including the development of the state's coastal management plan, the creation of the state's coastal management act, and the development of the state's coastal management act. The organization has also been instrumental in the development of the state's coastal management act, the creation of the state's coastal management act, and the development of the state's coastal management act.

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**RIP CURRENTS**  
Break the Cycle of the Rip

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# COASTALIAN

A Newsletter from the New Jersey Sea Grant Consortium

**NJSGC Supports New Research for 2014-2015**

The New Jersey Sea Grant Consortium (NJSGC) is pleased to announce that it will support over \$1.5 million in additional research for the 2014-2015 fiscal year through funding of research grants. NJSGC supports research in the fields of marine and coastal-related environmental issues, including the study of marine and coastal-related environmental issues, the study of marine and coastal-related environmental issues, and the study of marine and coastal-related environmental issues.

**No Fishin'... Whole Foods Market Middletown Will Host April 1st NJSGC Fundraiser**

The NJSGC is pleased to announce that the Whole Foods Market in Middletown, NJ will host the April 1st NJSGC fundraiser. The fundraiser will be held from 10:00 AM to 6:00 PM and will feature a variety of food and beverage options. The proceeds from the fundraiser will be used to support the NJSGC's research and education programs.

# PUBLICATIONS & REPORTING Policies & Guidelines 2014



**Omnibus Research Projects 2010-2012**

## Meteorological modulation of the Exchange Between the Raritan Bay and the Coastal Ocean - R/610-10013

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**Research Summary**

Exchange relations in the Raritan Bay estuary are characterized by a complex interplay of physical and biological processes. The exchange between the Raritan Bay and the coastal ocean is a key component of the estuary's function. This project aims to understand the meteorological modulation of the exchange between the Raritan Bay and the coastal ocean. The project will use a combination of field observations and numerical modeling to study the exchange between the Raritan Bay and the coastal ocean. The project will also study the impact of climate change on the exchange between the Raritan Bay and the coastal ocean.

**Sea Grant NJ Sea Grant Consortium**

The New Jersey Sea Grant Consortium is an affiliation of colleges, universities and other groups committed to advancing knowledge and stewardship of New Jersey's marine and coastal environment through research, education and outreach.

NJSGC funds competitive research and through its outreach priorities, applies it in the practical purposes. The Consortium's education programs encourage marine science literacy and environmental stewardship by offering opportunities for groups and individuals to learn about New Jersey's marine, coastal and estuarine environments.

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**2012 NEW JERSEY State of the Shore REPORT**

Welcome to the 10th Annual State of the Shore Media Event

CLARE ANTONUCCI  
Executive Director and Director of Communications  
New Jersey Sea Grant Consortium

It is my great pleasure to welcome you to the 10th Annual State of the Shore Media Event. This event is a unique opportunity for the public to learn about the state of the shore in New Jersey. The report provides a comprehensive overview of the state of the shore in New Jersey, including the current state of the shore, the challenges facing the shore, and the actions being taken to address these challenges. The report is a valuable resource for the public and for policymakers. The event will feature a variety of activities, including a presentation of the report, a Q&A session with the Executive Director, and a tour of the shore. The event is free and open to the public. We hope you will enjoy the event and learn more about the state of the shore in New Jersey.



# Table of Contents

Introduction . . . . .	2
General Publication Guidelines . . . . .	2
Acknowledgements and Publication Numbers . . . . .	3
NOAA Grant Numbers . . . . .	4
Other Publication Requirements . . . . .	4
Electronic Files . . . . .	4
Theses . . . . .	4
Fact Sheets and One Pagers . . . . .	5
Press/Media Relations . . . . .	5
Style Guidelines . . . . .	5
Visual Identity - Logo Usage . . . . .	5
Reporting Requirements . . . . .	6
Progress Report . . . . .	6
Final Project Summary Report . . . . .	7
Penalties for Late Reporting . . . . .	7
New Jersey Sea Grant Consortium Contact Information . . . . .	8



# Introduction

A primary function of the New Jersey Sea Grant Consortium's (NJS GC) Communications Office is to assist in the production and distribution of research results and educational materials. Publications are targeted toward the scientific community, specific user groups, the media and the general public. If you have any questions or need help with publications or media-related activities, contact the Communications Office.

Although production of Sea Grant-related technical reports and articles is the responsibility of the researcher, NJS GC can provide assistance with supporting publications and special projects. Because of limited staff, we cannot offer direct assistance with photography and artwork, but can offer advice and recommendations as to its most effective use. Please feel free to contact the NJS GC Communications Office for a consultation.



# General Publication Guidelines

Per congressional mandate, all researchers receiving Sea Grant funding must publish research results and disseminate them to as wide an audience as possible. These results will also be reported to the federal government, which maintains a library of all Sea Grant publications at the University of Rhode Island.

Submission of these articles and/or other resulting materials (brochures, posters, fact sheets, CDs, manuals, workshop materials, etc.) is critical to the continued success of the NJS GC. It is also a requirement of your Sea Grant funding.

In addition to submitting the required progress and final reports described therein, the Principal Investigator of each NJS GC project is responsible for communicating the results of his/her research. With all research projects, investigators are expected to submit publications to professional journals to disseminate information to the scientific community. **Funding for your research publications must be included in your proposal budget.**

## ACKNOWLEDGEMENT AND PUBLICATION NUMBERS

Publications and other products resulting all or in part from NJS GC funding **must** acknowledge all forms of support and include the following statement in an appropriate position or location, usually on the last page or inside front or back cover.

*This [publication manual, fact sheet, poster, CD, presentation, etc.] is the result of [work, research] sponsored by the New Jersey Sea Grant Consortium (NJS GC) with funds from the National Oceanic and Atmospheric Administration (NOAA) Office of Sea Grant, U.S. Department of Commerce, under NOAA grant number [Insert Appropriate NOAA Grant Number Here] and the NJS GC. The statements, findings, conclusions, and recommendations are those of the author(s) and do not necessarily reflect the views of the NJS GC or the U.S. Department of Commerce. [Insert Assigned NJS GC Publication Number Here: NJS GC-XX-XXX]*

**NOTE: Including the above acknowledgement is a critical fulfillment of your Sea Grant Award.**

As indicated in the acknowledgment paragraph, a NJS GC publication number must be included. To obtain a NJS GC publication number, contact the NJS GC Communications Office only **AFTER** your paper or manuscript has been accepted, but **PRIOR** to submitting your manuscript for publication. You will be assigned a number that will be reserved for that specific publication. The number will be recorded as “in review” or “in press”. If, for any reason, the status of the manuscript changes (i.e. not accepted for publication, rewritten and submitted under a similar title, etc.) please notify the Communications Office immediately so the changes can be made in our records. The assigned NJS GC number must be placed on all materials and products.

## NOAA GRANT NUMBERS

To find the NOAA grant number (this is different from the NJS GC publication number) under which your project was supported, consult the following list of grant numbers issued since 1990:

3/1/97 - 9/30/02	NA76-RG0091
3/1/01-2/28/06	NA16RG1047
3/1/06 - 7/31/11	NA06OAR4170086
2/1/10 - Present	NA10OAR4170075

## **OTHER PUBLICATIONS REQUIREMENTS**

NJSGC requires ten (10) reprint copies of every journal article, published abstract or other product (fact sheet, web-page, CD, etc.) resulting from Sea Grant-funded research for the National Sea Grant Depository, mandatory distribution, and our files. This ensures adequate distribution to identified audiences. ALL JOURNAL ARTICLES MUST INCLUDE AN ABSTRACT.

## **ELECTRONIC FILES**

In an effort to comply with new Federal and program policies regarding paperwork reduction and create a more efficient system of storing and distributing research-related information, we ask that whenever possible, an electronic version of your articles and publications be provided to the Communications Office. The National Sea Grant Library is currently making a transition to digital and electronic distribution and filing of all Sea Grant products. Ideally, your documents should be scanned or converted and sent as PDF files. These files can be emailed as attachments to the Communications Specialist at [jcrump@njseagrant.org](mailto:jcrump@njseagrant.org) or sent on a disk to the Communications Office, NJSGC, 22 Magruder Road, Fort Hancock, NJ 07732. When providing electronic files, the Communications Office will handle printing the necessary number of copies for distribution, so it is NOT necessary to submit the ten reprint copies mentioned in the above paragraph.

## **THESES**

The NJSGC office requires five (5) copies of the abstract and a title page and is required to send three copies of the actual thesis to the Sea Grant Depository at the URI Pell Library. The abstracts are kept on file for review by interested audiences about work done through Sea Grant-supported or related research.

## **FACT SHEETS AND ONE-PAGERS**

These are designed to convey information on specific issues and topics to the public and user groups. They are frequently based on, but not limited to, NJSGC research and usually compiled by the NJSGC Extension Program and/or Communications staff and designed to be easily readable. If you plan to produce outreach materials please contact the Communications Office, since they are required to include a publication number and NJSGC and NOAA logos.

# PRESS/MEDIA RELATIONS

The more Sea Grant is mentioned in the media, the more widely recognized the program becomes. Greater program exposure can go a long way toward stabilized and improved funding support for the National Sea Grant Program (and subsequently New Jersey) in the future. If you are contacted by any media about your research, **please be sure to mention the New Jersey and/or the National Sea Grant Program.**



## Style Guidelines

### Standard NJSGC Summary Paragraph

The New Jersey Sea Grant Consortium (NJSGC) is an affiliation of colleges, universities and other groups dedicated to advancing knowledge and stewardship of New Jersey’s marine and coastal environment. NJSGC meets its mission through its innovative research, education and outreach programs. For more information about NJSGC, visit [njseagrant.org](http://njseagrant.org).

### VISUAL IDENTITY: Logo Usage

The NJSGC logo and the NOAA logo are available for download in several file formats at: [http://www.njseagrant.org/Media\\_Center/Logos.html](http://www.njseagrant.org/Media_Center/Logos.html)

#### The NJSGC Logo

##### *1. Appearance*

The NJSGC logo is the National Sea Grant logo with gull wings over “NJ Sea Grant Consortium” wording.



Do not print other graphic elements behind the NJSGC logo or over it.

Do not alter the logo's proportions by widening or elongating it.

##### *2. Size*

Do not use the logo in a size less than 1 inch wide (for print use) or 72 pixels high/180 pixels wide (for Web/screen use). There is no limit to how large the logo can be.

### **3. Color**

The logo can be used in any appropriate color to compliment the publication piece. It can also be reversed out to white on a darker background. A single color must be used for the entire logo, and a strong color that contrasts with the background is preferred. PMS Color 294 (Dark Blue) is the preferred color.

## **The NOAA Logo**



### **1. Appearance**

A white, gull-like form links the atmosphere to the sea or Earth.

Do not print other graphic elements behind the NOAA logo or over it.

Do not alter the logo's proportions by widening or elongating it.

### **2. Size**

Do not use the logo in a size less than 3/4 inch wide (for print use) or 72 pixels high/180 pixels wide (for Web/screen use). There is no limit to how large the logo can be.

The NOAA logo should not be bigger than the NJSGC logo when they are used together.

### **3. Color**

The logo should only be used in the colors that appear on the downloadable form. Colors are PMS Process Blue and Reflex Blue.



## **Reporting Requirements**

The National Sea Grant Office requires certain programmatic reporting for research projects that NJSGC is obligated to file on your behalf. These reports include a Progress Report and a Final Project Summary Report. If, for any reason, the project is terminated before the stated contract date, a Final Project Summary Report is still required.

All reports should be filed on a NOAA Form 90-2, which is available on [njseagrant.org](http://njseagrant.org). They must be submitted electronically as an email attachment to Ms. Lisa Aromando, Administrative Assistant at [laromando@njseagrant.org](mailto:laromando@njseagrant.org) or mailed on a disk to Ms. Lisa Aromando, Administrative Assistant, NJSGC, 22 Magruder Road, Fort Hancock, NJ 07732.

## **PROGRESS REPORT**

A brief Progress Report using NOAA Form 90-2 **MUST** be filed electronically for all projects at the mid-way point of the funding cycle (i.e. a one-year funded project must file a Progress Report at the six-month point, a two-year funded project must file at the one-year point).

## **FINAL PROJECT SUMMARY REPORT**

The Final Project Summary Report summarizes the findings and results of a Sea Grant project. This report is due to Ms. Aromando **NO LATER THAN TWO MONTHS** after project completion date and **MUST** be sent electronically on NOAA Form 90-2. Covering the following points, the Final Project Summary shall:

1. Assess the degree to which each objective has been achieved.
2. Identify new research directions pursued during the course of the project and reasons for modifying original research plans.
3. Describe major problems encountered during the study, especially those associated with experimental protocols and how they were resolved.
4. List and briefly describe ancillary research topics, if any, that resulted in technical publications that one might not obviously associate with the project.
5. Discuss the technology transfer processes used to disseminate information.
6. List all presentations, reports, publications and/or journal articles resulting from this research.
7. List any level of student support on the project (undergraduate/graduate).
8. If anyone is applying these research results, how is this being done?
9. Suggest follow-up activity or new research direction to ensure that project results are applied to the fullest extent possible.
10. In the event your project is prematurely terminated, discuss reasons for termination.

## **PENALTIES FOR LATE REPORTING**

Failure to submit the mid-way or final project summary will freeze all funds until the missing report is filed. Ten percent (10%) of each award will be withheld pending submission of final project summary **AND** proof of publication.

In case of missed deadlines, the Principal Investigator will be notified by email with a copy to his/her institution's grants officer.





# Contact Information

## NEW JERSEY SEA GRANT CONSORTIUM

Sandy Hook Field Station  
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Fort Hancock, NJ 07732

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<b>PROGRESS AND FINAL REPORTS</b> Administrative Assistant Lisa Aromando	10	<a href="mailto:laromando@njseagrants.org">laromando@njseagrants.org</a>
<b>EXPENDITURE REPORTS</b> Fiscal Officer Augie Anfuso	26	<a href="mailto:aanfuso@njseagrants.org">aanfuso@njseagrants.org</a>

All forms can be found on our website: [www.njseagrants.org](http://www.njseagrants.org)