

New Jersey
Sea Grant Consortium

Annual Report

2018


Sea Grant
NJ Sea Grant Consortium

Chairman's Message

The Lady of the Lake

In medieval legend, the Lady of the Lake is the beautiful enchantress who rises from the waters to save her nation. In despair and at the brink of death, King Arthur throws his regal sword in the lake. A woman's hand emerges to catch it, bestows it with power and authority, and returns it to the King. He rules wisely and refreshed. Her task finished, the Lady of the Lake submerges.

The New Jersey Sea Grant Consortium has its own 'Lady of the Lake' in President Claire Antonucci. After decades of service, Claire recently announced her retirement to return to her own serene waters.

Claire emerged from NJSGC in 2008 to lead us. These were turbulent and uneasy times in our kingdom by the sea. Our rudder was broken, yet our boat was filled with able-bodied seamen. We were adrift.

For years before 2008, Claire had been the renowned and successful NJSGC Director of Education. In that role, we had a special niche like no other Sea Grant program. Yearly, Claire ushered 25,000 elementary children through our doors. Somewhere in those numbers is the scientist who will tackle the biggest issues facing our maritime future.

The Board of Trustees knew we had a leader already among us. I approached Claire and offered her the position of Executive Director. She politely declined. I not-so-politely 'suggested' she accept. She (again) politely told me the Board had lost its senses. Again, she declined. Only when I asked Claire to put the needs of NJSGC above her own, did she relent and take the job.

In the 11 years hence, Claire accomplished the impossible, including making me look like a genius. Not days after Claire became Executive Director, the global economy tanked. NJSGC lost critical State funding. Had Claire been less the dignified woman than she is, she surely would have had some choice words for me for dragging her into such a thankless role. Instead, like a determined sand crab, Claire dug in.

When many called for us to turn out the lights, Claire burned the midnight oil to problem-solve. She energized our brilliant (and underpaid) staff. She renewed our relationship with the national Sea Grant Office. Claire spun sea kelp into gold. Today, we thrive.

When Claire recently called me to announce her resignation, I brushed it off. "No, this time, I mean it," she said flatly. When the enormity of Claire's resolve hit, I realized it was time for Claire's sacrifices to be acknowledged with our blessing and thanks. This time, I relented. No words can thank Claire. Fortunately, none are needed. Look at the pages in this annual report. Look at our outreach, research and education efforts. When you see that, you see Claire.

And that's just the way she'd want it.

Oh, a few weeks ago, I called Claire to tell her the Board needs the Lady of the Lake to hang around awhile longer. "Fine," she told me. Fine, indeed.

Godspeed, Claire.



DENNIS KEARNEY
Chairman
Board of Trustees

Executive Director's Message



CLAIRE ANTONUCCI
Executive Director

For the past 11 years, it has been my pleasure as Executive Director to present you with New Jersey Sea Grant Consortium's annual report wherein I try to express how proud I am to be just a small part of all that was achieved through the hard work and dedication of the Consortium's staff, board members, partners, stakeholders, and friends. Quite honestly, despite a decade of attempts, I do not think I have ever done justice to the contribution the Consortium and its people make towards the betterment of New Jersey's environment by connecting, questioning, collaborating, and doing their best to preserve and sustain our state's marine and coastal resources. The body of work is truly amazing. Probably best to let the results speak for themselves.

This year's message is especially poignant for me. After 25 years at the Consortium, I've decided to move on. Rest assured, I know how privileged I am to have spent these years at a place where the dynamic nature of marine and coastal research, education, and outreach intersect each day to realize a mission, upheld by an amazing group of people, that is as important now as it was then. Thank you for your support and your interest in the work of the NJSGC. I hope you enjoy this annual report.

Board of Trustees

EXECUTIVE COMMITTEE

Chairman

Dennis Kearney

Day Pitney LLP

Vice-Chairman

Dr. Howard Parish

New Jersey City University
(Emeritus)

Treasurer

Thomas Siegert, CPA

Institute of Electrical and
Electronics Engineers

Executive Director/

Director of Education

Claire Antonucci

New Jersey
Sea Grant Consortium

Corporate Secretary

Deborah Quinn

New Jersey
Sea Grant Consortium

Fiscal Officer

Augustine Anfuso

New Jersey
Sea Grant Consortium

TRUSTEES

Gregory Aikins

Medical Management
Techniques, Inc.

Dr. Paul Bologna

Montclair State University

Dr. Michel Boufadel

New Jersey Institute
of Technology

Dr. Keith Cooper

Rutgers, The State
University of New Jersey

Dorina Frizzera

Getting to Resilience, LLC

Lindsay Fuller

South Jersey Advisors, LLC

Dr. Thomas Herrington

Monmouth University

Dr. Parag Muley

Middlesex County
College

Dr. Michael Peek

William Patterson
University

Dr. Robert Prezant

Montclair State University

Dr. Oscar Schofield

Rutgers, The State
University of New Jersey

GOVERNMENT AGENCIES

Dr. Lamont Repollet

NJ Department
of Education

Genevieve Boehm-Clifton

NJ Department of
Transportation/
Maritime Resources

Jacqueline Pruitt

NJ Department of Treasury

Catherine McCabe

Commissioner
NJ Department of
Environmental Protection

Dr. Vince Guida

National Marine Fisheries
Service, NOAA

Stakeholder Advisory Board

Chairman

Dr. Gary Buchanan

NJDEP Division of Science
and Research

Joe Barris

Monmouth County Division
of Planning

Genevieve

Boehm-Clifton

NJDOT Office of Maritime
Resources

Matthew Gregg

Forty North Oyster Farms

Dr. Vincent Guida

NOAA/National Marine
Fisheries Service

Dr. Louis Stanton Hales

Barnegat Bay Partnership

Pat Heaney

The Watershed Institute
and the Alliance for NJ
Environmental Education

Jim Hutchinson

Recreational Fishing
Alliance/Fisherman
Magazine

Daniel Nee

Brick Patch/Shorebeat

Clare Ng

Marine Academy of
Science and Technology

Christopher

Ohrenich

Independent Insurance
Agent

Lori Pepenella

Southern Ocean County
Chamber of Commerce

Jorge Reyes

NJDEP Office of Energy
and Sustainability

Richard Ritota

NJ Department of
Health/Food Safety Systems

Steve Tuorto

The Watershed Institute

Margot Walsh

Jersey Shore Partnership

Member Institutions & Representatives

Dr. Richard Horwitz

Academy of Natural
Sciences of Drexel University

Dr. Gary Dickinson

The College of New Jersey

Dr. Marion McClary, Jr.

Fairleigh Dickinson
University

Professor Ling Ren

George Mason University

Dr. Louise Wootton

Georgian Court University

Lucas Kirby

Kean University

Earl Moore

Marine Academy of
Science and Technology

Dr. Parag Muley

Middlesex County College

Tony MacDonald, Esq.

Monmouth University

Dr. Paul Bologna

Montclair State University

Dr. Nancy Jackson

New Jersey Institute of
Technology

Dr. Angela Cristini

Ramapo College of
New Jersey

Dr. Jay Kelly

Raritan Valley
Community College

Dr. Gabriela Smalley

Rider University

Jennifer Rienzi

Rowan College at
Burlington County

Dr. Courtney Richmond

Rowan University

Dr. Oscar Schofield

Rutgers, The State
University of New Jersey

Dr. Heping Zhou

Seton Hall University

Dr. Raju Datla

Stevens Institute of
Technology

Dr. Peter F. Straub

Stockton University

Dr. Marie Montes-Matias

Union County College

Dr. Michael Peek

William Paterson University

Sponsors & Donors

CORPORATIONS

Asbury Park Press
New Jersey Natural Gas

SMALL BUSINESSES

Clean Ocean Action
Jersey Shore Partnership

FOUNDATIONS

Martin Foundation

NJSGC VENDORS

Boynton Benefits Corporation
Warren McManus CLU
Victor Maisano

NJSGC TRUSTEES & REPRESENTATIVES

Gregory T. Aikins
Gary Buchanan
Dennis Kearney
Howard & Sophia Parish

OTHER DONORS

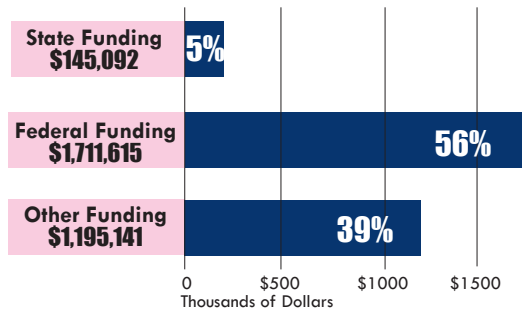
Amazon Smile
Claire Antonucci
Ron Blandon
John & Joyce Collins
Mark DeAngelis

Robert & Gail Eckstein
Jonathan Gombola
Grace Marchisin
Allen & Sandra Marchisin
Lee & Nancy Rossbach
Peter Rowe
Jody & Ray Sackett
Jennifer Schubert
Lisa Smilor
James Tan
Fran & Ned Voss
Margot Walsh

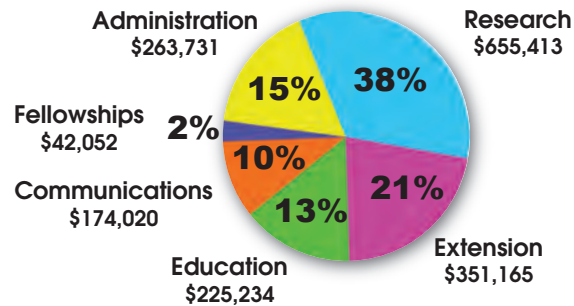
Budget Overview - Fiscal Year 2018

SOURCE OF FUNDS

Total Funding **\$3,051,848**



INVESTMENT OF FEDERAL FUNDS



For complete financials, visit <http://njseagrant.org/annual-report-2018>

Volunteers

Kathi Abatemarco
Ted Alexandrou
Ray Ashkenis
Katherine Banfitch
Lindsay Belz
Dominic Biancamano
Lynn Lemire Bryan
Callum Budjos
Lisa Budjos
Peter Budjos
Carolyn Cannon
Doug Cierniecki
Joseph Chiusano
Jennifer Cox
Donna Cusano
Paul Cusano
Bob Colburn
Lila Cook
Phyllis Cowans
Jennifer Cox
Griffin Davis
Kayla DeBeVoise
Judy Desalvatore
Maria Diaz
Tim Doerrier
Michael Dunn
Jordan Durkin
Keith Edmonds

Chris Egan
Scarlet Encarnacion
Sarah Errico
Ryan Farrington
Kayla Farrington
Meghan Faddler
Susie Ferrier
Maureen Flumerfelt
Alyce Franklin-Owens
Bob Gallo
Ryann Gorczynski
Frank Graf
Lily Graf
Tom Hayes
Denise Hawkins
LaDeana Hawkins
Kenyette
Hawkins-Harris
Deane Heinzer
Jill Hoernig
Rich Hoffman
Jennifer Hoey
Glenn Jaffe
Karen Jaffe
Chuck Jasperse
Andrea Johnson
Larry Johnson
Kanesha Jones

Denise Kann
Shawn Kann
Nicole Kenny
Richard King
Henry Komorowski
Mary Komorowski
Laura Kucinski
Krystof Nikola Kuckinski
Lynn Lemire Bryan
Jennifer Levin
Amy Lim
Meagan Loh
Paige Loh
Gina Longo
Anne Lutkenhouse
Anne-Marie
MacDonald
Margie McAlary
Jimmy McGuinness
Peter McGuinness
Kathy McLoughlin
Jackalyn Klotzbach
McLoughlin
Liz Klotzbach
McLoughlin
Alison McMahon
Alex McMahon
Tom McMahon

Meredith McQuade
Michael McGlennon
McQuade
Kyle Middlesteadt
McQuade
Sarah Middlesteadt
McQuade
Julia Simmons
McQuade
Eric Meiselman
Tom Merenda
Jim Miller
Tom Minton
Sunhawach Na
Nagara
Orianna Nolan
Greg O'Brien
Kathy O'Connell
Beatrice O'Neill
Quetzky Ortiz
Anne-Marie Peracchio
Gary Pivarnick
Amanda Plantamura
Pete Plantamura
Lois Priest
Kris Conlon Priest
Ruth Conlon Priest
Judy Rector

George Rokkos
John Rosendale
Steve Rossi
Andrea Rudai
Jerry Ryan
Roxy Ryan
Natalie Shaw Ryan
Raymond Sackett
Andrew Sala
Luisa Sala
Dibyendu Sarkar
Alison Sbriscia
Aaliyah Phillips
Scarano
Amani Phillips
Scarano
Avery Phillips
Scarano
Elizabeth Scarano
Liz Scarano
Nicole Scarano
Kelly Scott
Greg Seitz
Brianne Sinks
Kyle Sinks
William Simmons
Peola Smith-Smith
Craig Swaylik

Connor Trautweiler
Craig Trautweiler
KC Trautweiler
Lindsey Gil
Trautweiler
Shane Trautweiler
Shawn Trautweiler
Tina Trebino
Katie Hoffman
Trebino
Wally Tunison
Lucas Van Aulen
Ryan Van Aulen
Ted Van Aulen
Brenda Sheree
Terrell-Walker
Donald Walsh
Victoria Walsh
Millie Walsh
Shawn Welch
Heidi Pope Werner
Elizabeth White
Amy Williams
Bertha Williams-Pullen
Bill Winslow

Extension

COMMUNITY RESILIENCE

Coastal Community Resilience Specialist, Dr. Thomas Herrington continued work to improve understanding of present and future climate change impacts. To increase local community resilience planning awareness, he conducted a public study of the increased frequency of coastal nuisance flooding due to sea level rise.



SHELLFISH AQUACULTURE



According to Shellfish Aquaculture Program Coordinator Lisa Calvo, New Jersey shellfish growers may soon be diversifying their farms with the addition of Atlantic surfclams following Sea Grant-supported research to identify optimal conditions for culturing the species in the hatchery and field. On-farm trials yielded harvestable shell stock at just over one year and market research indicated strong interest in the novel product.

MARINE RECREATION & TOURISM

Marine Recreation Extension Agent Michael Danko used his experience in recreational fishing and boating to help lead and develop the 2018-2028 NOAA/Sea Grant Coastal Tourism Visioning Plan with focus on Business and Community Tourism Management, Workforce Training, Economic Analysis, and Environmental Stewardship. The group will implement action items at the state level and plans to move forward on a national level.



STORMWATER MANAGEMENT

Water Resources Agent Michelle Hartmann worked with the Red Bank Public Library to redesign and restore a rain garden with community members and Rutgers Cooperative Extension affiliates in August as part of the Navesink River Initiative. The garden includes 50 native plants, riverstone around downspouts, and mulch. Funded by NJS GC, it will capture approximately 27,000 gallons of stormwater per year and provide a beautiful natural space for visitors to enjoy.

RIP CURRENT AWARENESS

Dr. Amy Williams presented her "Ocean Hazards: Sharks vs. Rip Currents" game at numerous schools, libraries, and festivals throughout Ocean, Monmouth, and Mercer Counties. Events included NJS GC's Ocean Fun Days, the Philadelphia Science Festival, Egg Harbor Township's "National Night Out," and Long Beach Island's new Marine Education Field Station. This year she also forged a partnership with Donald Walsh, author of the popular children's book "Teach the Beach," who joined her during student presentations.



LIVING SHORELINES

Berkeley Island County Park reopened to the public in May after being closed since Superstorm Sandy. Part of the \$8 million renovation included construction of a living shoreline project, one of the largest in the state, designed using guidelines developed by Coastal Processes Specialist Dr. Jon Miller and Coastal Ecosystems Extension Agent Dr. Amy Williams. The project protects nearly 900 feet of shoreline and restored nearly one acre of critical habitat.

Communications



Ocean City remained undefeated as New Jersey's overall "Favorite Beach" in NJSGC's popular annual poll, which drew several thousand voters. An awards ceremony was held on the Ocean City boardwalk in June.



NJSGC outreach continues growing with over 5,000

"COASTedian" subscribers. This quarterly online newsletter provides information on NJSGC's funded research, education and outreach activities. As interactive content continues boosting social media presence, updates were shared with more than 1,730 Facebook followers, 2,050 Twitter followers, and 380 on Instagram.

The 16th annual State of the Shore media event was held in Asbury Park in May. NJSGC's Coastal Processes Specialist Dr.

Jon Miller and new NJDEP Commissioner Catherine McCabe gave reports on the condition of New Jersey's beaches along with coastline forecasts for the summer season.



NJSGC's rip current safety message was featured on multiple electronic displays along the Atlantic City Boardwalk.



OMNIBUS RESEARCH 2018-2020

Impacts of thin layer sediment deposition on salt marsh ecosystems

Dr. Kenneth W. Able, Rutgers, The State University of New Jersey

River plumes as a control on microplastic entry into the food chain

Dr. Nicole Fahrenfeld, Rutgers, The State University of New Jersey

Optimizing fishing regulations for New Jersey's multi-species recreational bottom fishery to improve economic outcomes and angler satisfaction

Dr. Olaf P. Jensen, Rutgers, The State University of New Jersey

Research Awards

Measuring dune, beach, and nearshore response to an extreme event: Atlantic City, New Jersey

Ms. Kimberly McKenna, Stockton University

Interactions among horseshoe crabs and intertidal oyster farms in the Delaware Estuary

Dr. Daphne Munroe, Rutgers, The State University of New Jersey

Quantifying the effects of a changing climate on summer flounder recruitment

Dr. Malin Pinsky, Rutgers, The State University of New Jersey

"Green" retrofit of stormwater BMPs for pollution prevention in urban coastal communities of New Jersey

Dr. Dibyendu Sarkar, Stevens Institute of Technology

NATIONAL STRATEGIC INVESTMENTS AND SPECIAL AWARDS

Establishing Shellfish Hatchery Biosecurity Certification Standards to Facilitate Interstate Transport of Shellfish Seed

Dr. David Bushek, Rutgers, The State University of New Jersey

Enhancing Bivalve Aquaculture through Species Improvement and Diversification

Dr. Ximing Guo, Rutgers, The State University of New Jersey

Diversifying Shellfish Aquaculture in New Jersey, Technology Transfer for Development of a Surfclam Aquaculture Industry

Dr. Daphne Munroe, Ms. Lisa Calvo, Rutgers, The State University of New Jersey

Education



NJSGC's educators teamed up with Jenkinson's Aquarium to offer programs on underwater exploration. During these STEM-rich sessions, teams of students

designed and built remotely operated vehicles to deploy in the Aquarium's exhibit tanks.



To promote and improve climate literacy, NJSGC education staff applied research-based communications methods to train over 200 formal and informal educators on leading discussions on climate change and its impacts that are focused on solutions.



As always, participation in NJSGC's K-12 programs remained strong. Over 18,000 students joined NJSGC educators for field, classroom, and off-site programs. In addition, over 2000 boy and girl scouts participated in NJSGC's collection of merit badge programs designed around marine, coastal and environmental themes.

Along with founding partner New Jersey Natural Gas, NJSGC's education staff hosted its 15th annual Ocean Fun



Days at Sandy Hook and Island Beach State Park. Over the years, this "family friendly" week-



end has engaged over 100,000 visitors in coastal education and stewardship.

In partnership with the Central Jersey Chapter of the National Association of Negro Business and Professional Women's Clubs, NJSGC educators embarked on a year-long effort to provide marine and coastal STEM experiences to students from minority groups traditionally under-represented in the sciences.



A new classroom, created to accommodate the return of college level coursework to NJSGC, was outfitted with microscopes, a smart board, and other advanced teaching tools, donated by Middlesex County College and Professor Robert Colburn.

ADMINISTRATION

Claire Antonucci
Executive Director

Lisa Aromando
Program Associate

Deborah Quinn
*Corporate Secretary
Office Manager*

Dr. Peter Rowe
*Associate Director for Sea
Grant Administration*



Michelle Hartmann
*Water Resources
Agent*

Dr. Thomas Herrington
*Coastal Community
Resilience Specialist*

Sara Mellor
*Water Resources
Agent*

Dr. Jon Miller
*Coastal Processes
Specialist*

Dr. Amy Williams
*Coastal Ecosystems
Extension Agent*

COMMUNICATIONS

Danica Bellini
Communications Specialist

Rory Joyce
Communications Associate

Rosemary A. Higgins
*College and Special
Programs Coordinator*

Jody Sackett
*Scout Program
Coordinator*

Melanie Tarling
Education Associate

Mindy Voss
Education Specialist

EXTENSION

Dr. Peter Rowe
*Director of Research
and Extension*

Lisa Calvo
*Aquaculture Extension
Program Coordinator*

Michael Danko
*Assistant Director
of Extension
Marine Recreation
Agent - Fisheries
and Boating*

FINANCE

Augustine Anuso
Fiscal Officer

Debra Burd
*Accountant, Grants
and Contracts*

Carolyn A. Cornely
Accounting Assistant

EDUCATION

Claire Antonucci
Director of Education

Diana Burich
*K-12 Program Coordinator
Sea Grant Associate*

MAINTENANCE

John Dolan
Technician

Instructors

Al Avizius
Sydney Battaglia
Katherine Banfitch
Carly Belz
Brendan Black
Ron Blandon
Catherine Brady
Sara Breslow
Emily Brown
Rebecca Carmeli-Peslak
Jessica Casterline
Patricia Catalano
Linda Cohen

John Collins
Kayla DeBeVoise
Jack Denny
Robert Eckstein
Julia Ferrari
Colleen Dunne Fischer
Emma Fraser
Kathleen Gasienica
Jennifer Gibbons
Conor Gilbertson
Deane Heinzer
Ayshe Kilic
Rebecca Klee

Christine Leary
Amy Lim
Caitlin LohJennifer Lyden
Eileen MacHaffie
Lynne Mangini
Theresa Marrotta
Joseph Mincolla
Antoinette Minetillo-Shann
Emily O'Connor
Daniel O'Neill
Charles Parker
Heather Robinson
Angelica Rosaperez

Camille Rossiello
Rachel Sacatelli
Brandon Scheur
William Simmons
Jessica Staats
Nancy Staats
Sarah Stewart
Daniel Weamer
William VanDeventer
Sandra Varone



**New Jersey
Sea Grant Consortium**
22 Magruder Road
Fort Hancock, NJ 07732
732-872-1300



This publication is the result of work sponsored by New Jersey Sea Grant with funds from the National Oceanic and Atmospheric Administration (NOAA) Office of Sea Grant, U.S. Department of Commerce, under NOAA grant #NA10OAR4170085 and the New Jersey Sea Grant Consortium. The statements, findings, conclusions, and recommendations are those of the author(s) and do not necessarily reflect the views of New Jersey Sea Grant or the U. S. Department of Commerce. NJSG-19-940

NEW JERSEY SEA GRANT CONSORTIUM, INC.
FINANCIAL STATEMENTS AND
INDEPENDENT AUDITOR'S REPORTS
WITH SUPPLEMENTARY INFORMATION
September 30, 2018 and 2017

GERMAN, VREELAND & ASSOCIATES, LLP

CERTIFIED PUBLIC ACCOUNTANTS

JEFFREY M. GERMAN, MBA, CPA
DAVID A. HULSIZER, CPA
VICTOR MAISANO, CPA
KEVIN O'CONNOR, MBA, CPA
RAJESH K. SETHI, CPA, MST

2 RIDGEDALE AVENUE - SUITE 300
CEDAR KNOLLS, NJ 07927-1119
(973) 605-2777
FAX (973) 605-8064
www.gvacpa.com

ROBERT ALPER, MBA, CPA*, CITP
MARIA BATTERSHALL, CPA
ROBERT W. DODDS, CPA*
CYNTHIA ESPINOSA, CPA

RETIRED
LOUIS T. GERMAN (1923 - 2013)
CURT L. PALATSKY (1951 - 2018)
GORDON A. VREELAND

INDEPENDENT AUDITOR'S REPORT

To the Board of Trustees of
New Jersey Sea Grant Consortium, Inc.

Report on the Financial Statements

We have audited the accompanying financial statements of New Jersey Sea Grant Consortium, Inc. (a nonprofit organization), which comprise the statements of financial position as of September 30, 2018 and 2017, and the related statements of activities, functional expenses, and cash flows for the years then ended, and the related notes to the financial statements.

Management's Responsibility for the Financial Statements

Management is responsible for the preparation and fair presentation of these financial statements in accordance with accounting principles generally accepted in the United States of America; this includes the design, implementation, and maintenance of internal control relevant to the preparation and fair presentation of financial statements that are free from material misstatement, whether due to fraud or error.

Auditor's Responsibility

Our responsibility is to express an opinion on these financial statements based on our audits. We conducted our audits in accordance with auditing standards generally accepted in the United States of America and the standards applicable to financial audits contained in *Government Auditing Standards*, issued by the Comptroller General of the United States. Those standards require that we plan and perform the audit to obtain reasonable assurance about whether the financial statements are free from material misstatement.

An audit involves performing procedures to obtain audit evidence about the amounts and disclosures in the financial statements. The procedures selected depend on the auditor's judgment, including the assessment of the risks of material misstatement of the financial statements, whether due to fraud or error. In making those risk assessments, the auditor considers internal control relevant to the entity's preparation and fair presentation of the financial statements in order to design audit procedures that are appropriate in the circumstances, but not for the purpose of expressing an opinion on the effectiveness of the entity's internal control. Accordingly, we express no such opinion. An audit also includes evaluating the appropriateness of accounting policies used and the reasonableness of significant accounting estimates made by management, as well as evaluating the overall presentation of the financial statements.

We believe that the audit evidence we have obtained is sufficient and appropriate to provide a basis for our audit opinion.

Opinion

In our opinion, the financial statements referred to above present fairly, in all material respects, the financial position of New Jersey Sea Grant Consortium, Inc. as of September 30, 2018 and 2017, and the changes in its net assets and its cash flows for the year then ended in accordance with accounting principles generally accepted in the United States of America.

Other Matters

Other Information

Our audit was conducted for the purpose of forming an opinion on the financial statements as a whole. The accompanying schedules of expenditures of federal awards and state financial assistance, as required by Title 2 U.S. *Code of Federal Regulations Part 200, Uniform Administrative Requirements, Cost Principles, and Audit Requirements for Federal Awards*, are presented for purposes of additional analysis and are not a required part of the financial statements. Such information is the responsibility of management and was derived from and relates directly to the underlying accounting and other records used to prepare the financial statements. The information has been subjected to the auditing procedures applied in the audit of the financial statements and certain additional procedures, including comparing and reconciling such information directly to the underlying accounting and other records used to prepare the financial statements or to the financial statements themselves, and other additional procedures in accordance with auditing standards generally accepted in the United States of America. In our opinion, the information is fairly stated, in all material respects, in relation to the financial statements as a whole.

Other Reporting Required by Government Auditing Standards

In accordance with *Government Auditing Standards*, we have also issued our report dated March 5, 2019, on our consideration of New Jersey Sea Grant Consortium, Inc.'s internal control over financial reporting and on our tests of its compliance with certain provisions of laws, regulations, contracts, and grant agreements and other matters. The purpose of that report is to describe the scope of our testing of internal control over financial reporting and compliance and the results of that testing, and not to provide an opinion on internal control over financial reporting or on compliance. That report is an integral part of an audit performed in accordance with *Government Auditing Standards* in considering New Jersey Sea Grant Consortium, Inc.'s internal control over financial reporting and compliance.



German, Vreeland & Associates, LLP
Cedar Knolls, New Jersey
March 5, 2019

NEW JERSEY SEA GRANT CONSORTIUM, INC.
STATEMENTS OF FINANCIAL POSITION
September 30, 2018 and 2017

<u>ASSETS</u>	<u>2018</u>	<u>2017</u>
Current assets		
Cash and cash equivalents	\$ 403,478	\$ 214,057
Accounts receivable	5,850	3,113
Grants and contracts receivable	432,084	842,103
Accrued interest	1,579	2,407
Prepaid expenses and other assets	57,099	57,225
Total current assets	<u>900,090</u>	<u>1,118,905</u>
Investments	591,529	669,773
Property and equipment, net	<u>489,288</u>	<u>557,361</u>
 TOTAL ASSETS	 <u>\$ 1,980,907</u>	 <u>\$ 2,346,039</u>
 <u>LIABILITIES AND NET ASSETS</u>		
Current liabilities		
Accounts payable and accrued expenses	\$ 81,714	\$ 78,865
Accrued rent	3,899	3,899
Due to subrecipients	333,583	675,798
Deferred revenue	234,440	33,424
Total current liabilities	<u>653,636</u>	<u>791,986</u>
Long-term liabilities		
Accrued rent, net of current portion	<u>23,391</u>	<u>27,290</u>
Total liabilities	<u>677,027</u>	<u>819,276</u>
Net assets		
Unrestricted	1,303,880	1,526,763
Temporarily restricted	-	-
Total net assets	<u>1,303,880</u>	<u>1,526,763</u>
 TOTAL LIABILITIES AND NET ASSETS	 <u>\$ 1,980,907</u>	 <u>\$ 2,346,039</u>

See accompanying notes.

NEW JERSEY SEA GRANT CONSORTIUM, INC.
STATEMENTS OF ACTIVITIES
Years Ended September 30, 2018 and 2017

	2018			2017		
	UNRESTRICTED	TEMPORARILY RESTRICTED	TOTAL	UNRESTRICTED	TEMPORARILY RESTRICTED	TOTAL
SUPPORT AND REVENUE						
Grants and contract revenue	\$ 1,866,373	\$ -	\$ 1,866,373	\$ 2,308,807	\$ -	\$ 2,308,807
Contributions	8,448	-	8,448	3,556	-	3,556
Educational and service program revenue	211,039	-	211,039	231,852	-	231,852
Membership dues	34,300	-	34,300	39,156	-	39,156
Interest income	6,015	-	6,015	6,873	-	6,873
Miscellaneous	11,041	-	11,041	9,854	-	9,854
Net assets released from restrictions	-	-	-	-	-	-
Total support and revenue	2,137,216	-	2,137,216	2,600,098	-	2,600,098
EXPENSES						
Program services						
Educational activities	400,607	-	400,607	358,769	-	358,769
Research activities	1,550,411	-	1,550,411	1,954,514	-	1,954,514
	1,951,018	-	1,951,018	2,313,283	-	2,313,283
General and administrative	409,081	-	409,081	354,452	-	354,452
Total expenses	2,360,099	-	2,360,099	2,667,735	-	2,667,735
CHANGE IN NET ASSETS	(222,883)	-	(222,883)	(67,637)	-	(67,637)
NET ASSETS, Beginning of year	1,526,763	-	1,526,763	1,594,400	-	1,594,400
NET ASSETS, End of year	\$ 1,303,880	\$ -	\$ 1,303,880	\$ 1,526,763	\$ -	\$ 1,526,763

See accompanying notes.

NEW JERSEY SEA GRANT CONSORTIUM, INC.
STATEMENT OF FUNCTIONAL EXPENSES
Year Ended September 30, 2018

	Program Services			General and	Total
	Educational	Research	Total Program	Administrative	Expenses
	Activities	Activities	Services		
Salaries	\$ 264,201	\$ 383,104	\$ 647,305	\$ 196,949	\$ 844,254
Payroll taxes and benefits	75,338	121,931	197,269	64,503	261,772
Payments to subrecipients	-	961,790	961,790	-	961,790
Professional fees	5,541	12,440	17,981	20,872	38,853
Supplies	15,179	6,399	21,578	10,450	32,028
Advertising	1,394	300	1,694	-	1,694
Telephone	1,906	9,418	11,324	4,091	15,415
Postage	2,003	2,297	4,300	734	5,034
Occupancy	-	-	-	50,505	50,505
Repairs and maintenance	316	-	316	6,963	7,279
Printing	3,537	6,323	9,860	779	10,639
Conferences and training	13,103	34,232	47,335	1,809	49,144
Dues and subscriptions	13	73	86	6,030	6,116
Awards	300	400	700	550	1,250
Miscellaneous	6,072	-	6,072	181	6,253
Total expenses before depreciation	388,903	1,538,707	1,927,610	364,416	2,292,026
Depreciation	11,704	11,704	23,408	44,665	68,073
Total expenses	\$ 400,607	\$ 1,550,411	\$ 1,951,018	\$ 409,081	\$ 2,360,099

See accompanying notes.

NEW JERSEY SEA GRANT CONSORTIUM, INC.
STATEMENT OF FUNCTIONAL EXPENSES
Year Ended September 30, 2017

	Program Services			General and	Total
	Educational	Research	Total Program	Administrative	Expenses
	Activities	Activities	Services		
Salaries	\$ 230,368	\$ 441,842	\$ 672,210	\$ 162,420	\$ 834,630
Payroll taxes and benefits	64,619	120,100	184,719	53,623	238,342
Payments to subrecipients	-	1,305,965	1,305,965	-	1,305,965
Professional fees	20,943	18,501	39,444	20,314	59,758
Supplies	11,204	8,087	19,291	8,963	28,254
Advertising	1,474	550	2,024	25	2,049
Telephone	1,952	9,139	11,091	4,284	15,375
Postage	1,165	3,032	4,197	1,441	5,638
Occupancy	-	600	600	48,081	48,681
Repairs and maintenance	519	-	519	4,139	4,658
Printing	291	7,736	8,027	46	8,073
Conferences and training	12,101	26,417	38,518	759	39,277
Dues and subscriptions	-	455	455	5,660	6,115
Awards	-	650	650	-	650
Miscellaneous	2,693	-	2,693	280	2,973
Total expenses before depreciation	347,329	1,943,074	2,290,403	310,035	2,600,438
Depreciation	11,440	11,440	22,880	44,417	67,297
Total expenses	\$ 358,769	\$ 1,954,514	\$ 2,313,283	\$ 354,452	\$ 2,667,735

See accompanying notes.

NEW JERSEY SEA GRANT CONSORTIUM, INC.
STATEMENTS OF CASH FLOWS
Years Ended September 30, 2018 and 2017

	2018	2017
CASH FLOWS FROM OPERATING ACTIVITIES		
Change in net assets	\$ (222,883)	\$ (67,637)
Adjustments to reconcile change in net assets to net cash provided by (used in) operating activities		
Depreciation	68,073	67,297
Interest income	3,244	-
Change in net assets and liabilities		
Accounts receivable	(2,737)	6,497
Grants and contracts receivable	410,019	(434,780)
Accrued interest	828	(1,337)
Prepaid expenses and other assets	126	(16,610)
Accounts payable and accrued expenses	2,849	7,287
Due to subrecipients	(342,215)	346,136
Accrued rent	(3,899)	(3,899)
Deferred revenue	201,016	(22,510)
Net cash provided by (used in) operating activities	<u>114,421</u>	<u>(119,556)</u>
CASH FLOWS FROM INVESTING ACTIVITIES		
Sale of investments	75,000	-
Purchase of investments	-	(249,773)
Net cash provided by (used in) investing activities	<u>75,000</u>	<u>(249,773)</u>
NET INCREASE (DECREASE) IN CASH AND CASH EQUIVALENTS	189,421	(369,329)
CASH AND CASH EQUIVALENTS, Beginning of year	<u>214,057</u>	<u>583,386</u>
CASH AND CASH EQUIVALENTS, End of year	<u>\$ 403,478</u>	<u>\$ 214,057</u>

SUPPLEMENTAL CASH FLOW INFORMATION:

No amounts were paid for interest or income taxes for the years ended September 30, 2018 and 2017.

During the year ended September 30, 2018 fully depreciated equipment of \$117,439 was written-off.

See accompanying notes.

NEW JERSEY SEA GRANT CONSORTIUM, INC.
NOTES TO FINANCIAL STATEMENTS
September 30, 2018 and 2017

NOTE 1 – SUMMARY OF SIGNIFICANT ACCOUNTING POLICIES

The financial statements of the New Jersey Sea Grant Consortium, Inc. ("NJSGC") have been prepared on the accrual basis of accounting. The significant accounting policies followed are described below to enhance the usefulness of the financial statements to the reader.

Organization – NJSGC is a 501(c)(3) institution dedicated to the care, conservation and sustainable-utilization of New Jersey's marine and coastal resources. The Sandy Hook-based Consortium currently consists of twenty-two colleges, universities and other organizations dedicated to advancing knowledge and stewardship of New Jersey's marine and coastal environment, and meets its mission through innovative research, education and extension programs.

New Jersey's coastline is a natural treasure and NJSGC is dedicated to understanding and caring for this resource. NJSGC programs range from sponsored research and marine science education for school-children to extension services for coastal municipalities, maritime businesses and the public.

Since NJSGC was founded in 1969, it has contributed leading research in the field of marine and environmental science. Since 1976, it has managed the New Jersey Sea Grant Program ("NJSGP"), part of a national network administered by the National Oceanic and Atmospheric Administration ("NOAA") that funds competitive research focusing on specific priority areas as well as education and outreach activities.

The Extension Program at NJSGC provides useful information to people employed or interested in fields related to marine resources-fishermen, coastal engineers, maritime industry personnel, resource managers, decision makers, and the general public. Extension Program personnel expertise includes biology, sociology, economics, public policy, and engineering. Each Extension Program professional works directly with coastal communities and business professionals to transfer information and effect change by applying science-based information to daily decision-making.

The Education Program at NJSGC is committed to assuring that New Jerseyans understand, value, and appreciate their marine and coastal environment and are able to apply sound evidence and science-based information to make well-informed decisions regarding its use, management, and care. This is accomplished through the wide range of educational services and products that the Education Program provides. The Program's teaching and learning activities range from direct instruction such as field trips, camps, scout programs, in-school presentations, college coursework, public outreach events to information preparation and dissemination including fact sheets, posters, lesson plans, activity guides, video conferences, web-based publications and other teaching materials.

Learn more about the NJSGC by visiting www.njseagrant.org.

Basis of Presentation – External financial reporting by not-for-profit organizations requires that resources be classified for accounting and reporting purposes into net asset categories according to externally (donor) imposed restrictions. The unrestricted net asset category represents net assets that are not subject to donor imposed restrictions, the temporarily restricted net asset category represents net assets that are subject to time or purpose donor imposed restrictions and the permanently restricted net asset category represents net assets that are subject to donor imposed restrictions that cannot be satisfied by either the passage of time or by actions of NJSGC.

Cash and Cash Equivalents – For purposes of the Statements of Cash Flows, NJSGC considers all highly liquid investments with an initial maturity of three months or less to be cash equivalents.

NEW JERSEY SEA GRANT CONSORTIUM, INC.
NOTES TO FINANCIAL STATEMENTS
September 30, 2018 and 2017

NOTE 1 – SUMMARY OF SIGNIFICANT ACCOUNTING POLICIES (cont'd)

Revenue and Support Recognition – NJSGC recognizes contributions as revenue when they are received or unconditionally pledged and records these revenues as unrestricted or restricted support according to donor stipulations that limit the use of these assets due to time or purpose restrictions. When a donor restriction expires, temporarily restricted net assets are reclassified and reported in the statements of activities as net assets released from restrictions. However, the receipt of restricted contributions whose restrictions expire or are otherwise satisfied within the period of receipt are reported as unrestricted revenues in the statements of activities.

NJSGC accounts for those contract revenues which have been determined to be exchange transactions in the statements of activities to the extent that expenses have been incurred for the purpose specified by the grantor during the period. Program revenues received in advance of their usage are classified as deferred revenue in the statements of financial position. In applying this concept, the legal and contractual requirements of each individual contract are used as guidance.

Additional unrestricted revenues are obtained from educational and service program revenue, membership dues, and investment income. These revenues are used to offset program expenses as well as the cost of property and equipment acquisitions and general and administrative expenses.

Tax Status and Incorporation – NJSGC is exempt from federal income tax under section 501(c)(3) of the Internal Revenue Code. Accordingly, the financial statements do not reflect a provision for Federal income taxes. NJSGC has no uncertain tax positions at September 30, 2018 and 2017. There are no tax years prior to 2015 open for examination by the Internal Revenue Service. Also, there were no interest or penalties related to income taxes included in the financial statements.

Valuation of Long-Lived Assets – In accordance with the accounting pronouncements related to accounting for the impairment or disposal of long-lived assets, NJSGC reviews long-lived assets, including property and equipment, for impairment whenever events or changes in business circumstances indicate that the carrying amount of the assets may not be fully recoverable. Management has determined that no assessment was required for the periods presented in these financial statements.

Estimates – The preparation of financial statements in conformity with generally accepted accounting principles requires management to make estimates and assumptions that affect certain reported amounts and disclosures included in the financial statements. Accordingly, actual results could differ from those estimates.

Advertising – Advertising is expensed in the period incurred. Advertising expense was \$1,694 and \$2,049 for the years ended September 30, 2018 and 2017, respectively.

Property, Equipment and Depreciation – Property and equipment of \$5,000 or greater is recorded at cost when purchased, or at fair value at date of gift. Depreciation is provided for by the straight-line method over the estimated useful lives of the assets. Major renewals and betterments are charged to fixed assets; maintenance, minor repairs and replacements which do not improve or extend the life of the respective assets are expensed currently.

Accounts Receivable – Accounts receivable are stated at amounts management expects to collect from outstanding balances. Management provides for probable uncollectible amounts through a provision for bad debt expense and an adjustment to a valuation allowance based on its assessment of the current status of individual accounts. Balances that are still outstanding after management has used reasonable collection efforts are written off through a charge to the valuation allowance and a credit to accounts receivable. As of September 30, 2018 and 2017 all accounts receivable were deemed collectible.

NEW JERSEY SEA GRANT CONSORTIUM, INC.
NOTES TO FINANCIAL STATEMENTS
September 30, 2018 and 2017

NOTE 1 – SUMMARY OF SIGNIFICANT ACCOUNTING POLICIES (cont'd)

Expense Classification – The expenses of NJSGC are presented in the statements of activities under the following classifications which describe NJSGC program activities:

Educational activities – supports the educational goals of NJSGC by planning and conducting a wider range of K-12, college, teacher, and public education programs.

Research activities – aids and encourages scholarly activities in marine related subjects through cost reimbursement contracts. This category also includes a management program that administers aforementioned research contracts, an extension program that applies results of research contracts and a communications program that broadcasts scholarly information in marine related to a wide expanse of user groups.

All expenses which were not directly associated with the above service categories are categorized as general and administrative expenses. Additionally, there is a de minimis amount of fundraising expense that has been included in general and administrative expenses.

NOTE 2 – GRANTS AND CONTRACTS RECEIVABLE AND DEFERRED REVENUE

NJSGC operates under various grants and contracts. At September 30, 2018 and 2017, NJSGC was due certain amounts from funding sources which resulted from expenditures incurred in excess of payments received. In addition, NJSGC received funds from certain funding sources which represent payments in excess of expenditures incurred which has been recorded as deferred revenue. The following details grants and contracts receivable and deferred revenue at September 30, 2018 and 2017:

	<u>Grants and Contracts Receivable</u>	<u>2018</u>	<u>2017</u>
<u>Funding Agency</u>			
U.S. Department of Commerce			
National Oceanic and Atmospheric Administration			
Sea Grant Programs	\$ 371,273	\$ 737,160	
U.S. Department of Commerce-Coastal Zone Management	8,306	-	
U.S. Department of the Interior Fish and Wildlife Service	7,541	60,443	
U.S. Department of Environmental Protection	15,640	-	
U.S. Department of Housing and Urban Development	-	17,376	
State of New Jersey – Department of Environmental Protection	<u>29,324</u>	<u>27,124</u>	
	<u>\$ 432,084</u>	<u>\$ 842,103</u>	
	<u>Deferred Revenue</u>		
<u>Funding Agency</u>			
U.S. Department of Commerce			
National Oceanic and Atmospheric Administration			
Sea Grant Programs	\$ 209,410	\$ 227	
State of New Jersey – Department of Agriculture	16,483	13,703	
State of New Jersey – Department of Environmental Protection	4,150	4,150	
Other	<u>4,397</u>	<u>15,344</u>	
	<u>\$ 234,440</u>	<u>\$ 33,424</u>	

NEW JERSEY SEA GRANT CONSORTIUM, INC.
NOTES TO FINANCIAL STATEMENTS
September 30, 2018 and 2017

NOTE 3 – FAIR VALUE MEASUREMENTS

NJSGC has provided fair value disclosure information for relevant assets in these financial statements. The following table summarizes assets which have been accounted for at fair value on a recurring basis as of September 30, 2018 and 2017, along with the basis for the determination of fair value:

2018				
	Quoted Prices In Active Markets (Level 1)	Observable Measurement Criteria (Level 2)	Unobservable Measurement Criteria (Level 3)	
	<u>Total</u>			
Certificates of deposit	\$ 591,529	\$ -	\$ 591,529	\$ -
Total	<u>\$ 591,529</u>	<u>\$ -</u>	<u>\$ 591,529</u>	<u>\$ -</u>

2017				
	Quoted Prices In Active Markets (Level 1)	Observable Measurement Criteria (Level 2)	Unobservable Measurement Criteria (Level 3)	
	<u>Total</u>			
Certificates of deposit	\$ 669,773	\$ -	\$ 669,773	\$ -
Total	<u>\$ 669,773</u>	<u>\$ -</u>	<u>\$ 669,773</u>	<u>\$ -</u>

NJSGC values such assets using quoted market prices in active markets (Level 1) for identical assets to the extent possible. If such markets are not available, NJSGC values such assets using observable measurement criteria, including quoted market prices of similar assets in active and inactive markets and other corroborated factors (Level 2). In the event that quoted market prices in active markets and other observable measurement criteria are not available, NJSGC develops measurement criteria based on the best information available (Level 3).

NOTE 4 – PROPERTY AND EQUIPMENT

Property and equipment, net of accumulated depreciation, at September 30, 2018 and 2017 consisted of the following:

	Estimated Life (Years)	2018	2017
Building improvements	5-20	\$ 1,157,887	\$ 1,157,887
Marine equipment	3-12	-	21,870
Machinery and equipment	5-12	<u>40,531</u>	<u>136,100</u>
		1,198,418	1,315,857
Less: Accumulated depreciation		<u>(709,130)</u>	<u>(758,496)</u>
		<u>\$ 489,288</u>	<u>\$ 557,361</u>

Depreciation expense totaled \$68,073 and \$67,297 for the years ended September 30, 2018 and 2017, respectively.

NEW JERSEY SEA GRANT CONSORTIUM, INC.
NOTES TO FINANCIAL STATEMENTS
September 30, 2018 and 2017

NOTE 5 – RETIREMENT PLAN

NJSGC has a 403(b) contributory defined contribution retirement plan (the "Plan") for those employees who meet eligibility requirements. Employees must have one year of service and 1,000 hours to be eligible to participate in the Plan. Participants must contribute a minimum of 2 percent of eligible salaries in order to receive a 6 percent contribution from NJSGC to the Plan. Pension expense was \$42,940 and \$39,405 for the years ended September 30, 2018 and 2017, respectively.

NOTE 6 – LEASED FACILITIES

NJSGC occupies facilities owned by the National Park Service at Fort Hancock, New Jersey. NJSGC pays for all operating costs including, but not limited to, utilities, repairs and maintenance. NJSGC entered into a twenty-year lease agreement expiring June 30, 2025, which was amended in 2012 and calls for minimum lease payments of \$3,383 annually. Rental expense for these facilities for the years ended September 30, 2018 and 2017 was \$3,383 and \$3,383, respectively.

Future minimum lease payments under operating leases that have remaining terms in excess of one year as of September 30, 2018 are:

<u>Year Ended September 30,</u>	<u>Amount</u>
2019	\$ 3,899
2020	3,899
2021	3,899
2022	3,899
2023	3,899
Thereafter	<u>7,795</u>
Total	<u>\$27,290</u>

NOTE 7 – CONCENTRATIONS OF CREDIT RISK

Financial investments which potentially subject NJSGC to concentrations of credit risk consist of cash and receivables. In an attempt to limit credit risk, NJSGC places all funds with high quality financial institutions. Management has not experienced any losses. Receivables are due from various governmental agencies with which NJSGC has a long history of collecting payments, which reduces credit risk.

NOTE 8 – CONCENTRATION OF GRANT REVENUE

For the years ended September 30, 2018 and 2017 approximately 80% and 73% of the NJSGC support came from the Department of Commerce, Sea Grant Program.

NOTE 9 – SUBSEQUENT EVENTS

Management has evaluated subsequent events through the date on which the financial statements were available to be issued. There were no subsequent events that require recognition or disclosure in the financial statements.

NEW JERSEY SEA GRANT CONSORTIUM, INC.
NOTES TO FINANCIAL STATEMENTS
September 30, 2018 and 2017

NOTE 10- NEW ACCOUNTING PRONOUNCEMENTS

New Accounting Pronouncements

In August 2016 the Financial Accounting Standards Board (FASB) issued Accounting Standard Update (ASU) 2016-14 – Not-for-Profit Entities (Topic 958) – *Presentation of Financial Statements of Not-for-Profit Entities*. ASU 2016-14, which is effective for fiscal years beginning after December 15, 2017 with early adoption permitted, will require a change to two areas of not-for-profit accounting and significant new financial statement presentation and disclosure requirements.

Under ASU 2016-14 (the “ASU”) underwater funds will be accounted for within net assets with donor restrictions and not within net assets without donor restrictions as is the current practice. In addition, the ASU eliminates the accounting policy election to release donor imposed restrictions over the useful life of donated property and equipment when the donor does not explicitly specify the period of time the property must be used. Instead, entities will be required to relieve the donor’s restrictions at the time the asset is placed in service. In addition to the above disclosures the ASU changes the presentation and disclosure requirements of not-for-profit entities in the following areas: expense disclosures, display of net asset classes, cash flow presentation, quantitative and qualitative liquidity disclosures and presentation of investment returns. NJSGC is currently evaluating the impact these changes will have on its future financial statements.

NEW JERSEY SEA GRANT CONSORTIUM, INC.
SCHEDULE OF EXPENDITURES OF FEDERAL AWARDS
Year Ended September 30, 2018

Federal Grantor Grantor/Program Title	Federal CFDA Number	Pass-Through Entity Identifying Number	Passed Through to Subrecipients	Total Federal Expenditures
U.S. Department of Commerce National Oceanic and Atmospheric Administration Sea Grant Support	11.417		\$ 868,936	\$ 1,719,729
Passed through New Jersey Department of Environmental Protection Coastal Zone Management	11.419	CP17-011	-	18,428
Total U.S Department of Commerce			868,936	1,738,157
U.S Department of the Interior Fish and Wildlife Service Passed through New Jersey Department of Environmental Protection Clean Vessel Act	15.616	FG12-040	-	23,558
Passed through New Jersey Department of Environmental Protection Hurricane Sandy Disaster Relief-Coastal Resiliency Grants	15.153	CP15-015	14,557	20,241
Total U.S Department of the Interior Fish and Wildlife Service			14,557	43,799
Environmental Protection Agency Passed through New Jersey Department of Environmental Protection Performance Partnership Grants	66.605	SR18-010	15,640	15,640
Total Expenditures of Federal Awards			\$ 899,133	\$ 1,797,596

See Independent Auditor's Report.

See accompanying Notes to Schedule of Expenditures of Federal Awards and State Financial Assistance.

NEW JERSEY SEA GRANT CONSORTIUM, INC.
SCHEDULE OF EXPENDITURES OF STATE FINANCIAL ASSISTANCE
Year Ended September 30, 2018

State Grantor Pass-through Grantor/Program Title	Award Number	Award Period	Passed Through to Subrecipients	Total State Expenditures
NJ Department of Commerce				
NJ Department of Environmental Protection				
Baslin Survey of Zooplankton in Barnegat Bay	MOA	07/14/16-01/14/18	\$ 16,275	\$ 16,275
Branch Scale Arsenic Treatability Study	MOA	07/14/16-01/14/18	37,517	37,517
Total NJ Department of Commerce			<u>53,792</u>	<u>53,792</u>
NJ Department of Agriculture				
Fisheries Development	MOA	02/01/07-09/30/18	-	220
Total State Financial Assistance			<u>53,792</u>	<u>54,012</u>
Total Federal Awards and State Financial Assistance			<u>\$ 952,925</u>	<u>\$ 1,851,608</u>

See Independent Auditor's Report.

See accompanying Notes to Schedule of Expenditures of Federal Awards and State Financial Assistance.