

# STATEWIDE PLANNING e-NEWS

Rhode Island Statewide Planning Program • One Capitol Hill • Providence, RI 02908 • 401.222.7901 • fax 401.222.2083 •

October 2016

## Water Quality 2035

### Rhode Island Water Quality Management Plan

"The goals and vision for the report are well stated and get right to the important points."

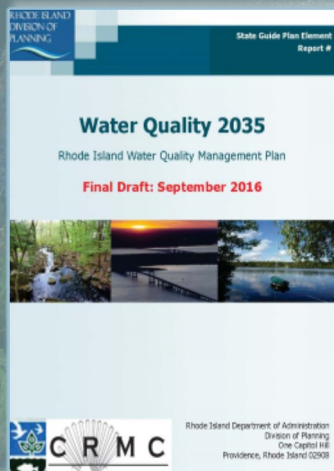
- RI Rivers Council

Rhode Island is fortunate to have abundant water resources that when properly managed can meet our needs for drinking water, recreation and commerce while also supporting healthy aquatic ecosystems. *Water Quality 2035* describes the goals, policies and actions needed for effective management of Rhode Island's water resources. As a State Guide Plan Element, it replaces four existing State Plans related to water quality. It provides direction for state programs to meet federal requirements for nonpoint source pollution from the US Environmental Protection Agency and the National Oceanic and Atmospheric Administration and it facilitates coordination among the many entities engaged in water quality protection and restoration actions, including municipal governments.

The Plan was developed by the Department of Administration, Division of Planning, the Department of Environmental Management, and the Coastal Resources Management Council. An advisory committee provided input throughout the process and this Plan benefitted from other plans for the management of Narragansett Bay, non-point source pollution and aquatic habitats. The Plan draws together and describes in one place all the programs, state policies and various actions related to water quality and aquatic habitat protection and restoration in Rhode Island.

The Plan identifies as priorities protection and restoration of fresh and salt water used for:

- ♦ Shellfish Growing Areas
- ♦ Public Recreation
- ♦ Aquatic Habitats
- ♦ Drinking Water Supplies



### VISION

RI's water resources will support healthy aquatic ecosystems and meet the needs of current and future generations by protecting public health, supplying high quality drinking water, providing bountiful recreation opportunities and supporting a vibrant economy.

### GOALS

The Plan establishes two broad goals to implement the Vision: to protect and restore the quality of Rhode Island's waters and aquatic habitats.

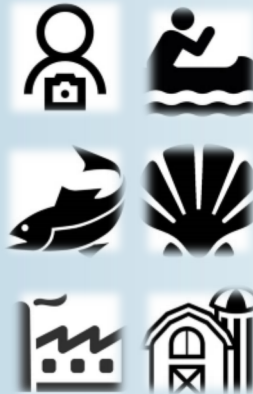


## State Guide Plan Update

**Water Quality 2035**

Clean water supports Rhode Island's economy through:

- 💧 Tourism
- 💧 Recreation
- 💧 Manufacturing & Industry
- 💧 Commercial Fisheries

**Major Implementation Actions**

**Collaborate & integrate planning** — Use the EPA watershed approach to address water quality management concerns across governmental levels.

**Continue existing protection and prevention programs** while addressing capacity issues.

**Assist municipalities with delegated responsibilities for:**

- ◆ stormwater management activities
- ◆ adoption of "green infrastructure" approaches
- ◆ water quality restoration projects
- ◆ wastewater facility planning updates
- ◆ local on-site wastewater programs, and
- ◆ implementing low impact development (LID).

**Complete development of a comprehensive environmental monitoring strategy.**

**Enforce all federal, state and local laws and regulations for water quality protection.**

**Improve agency effectiveness through better data management and improve public access to the data.**

**Ensure climate change is considered in water quality protection and restoration projects.**

**Promote the removal of cesspools especially in riparian areas.**

**Implement, and update as necessary, the RI Stormwater Design and Installation Standards Manual and the Erosion and Sediment Control Handbook.**

**Incorporate LID in municipal development review ordinances.**

**Train agency water resource staff to better communicate water science and policy to the public.**

*Water quality 2035 provides a general understanding of issues and logically addresses problems."*

- Save the Lakes

**The Plan has actions for different pollution sources such as:**

Wastewater Treatment Facilities (WWTF)  
 Onsite Wastewater Treatment  
 Stormwater Management  
 Road Salt & Sand Application  
 Other Discharges to Groundwater  
 Agriculture  
 Lawn/Turf Management  
 Pesticide Application  
 Boating & Marinas  
 Storage of Hazardous Materials  
 Petroleum Product Spills  
 Above Ground Storage Tanks  
 Solid Waste Management  
 Contaminated Site Clean-ups  
 Dredging and Dredge Material  
 Pet Waste Management  
 Water Fowl  
 Land Application of WWTF Solids  
 Surface Mining  
 Silviculture  
 Atmospheric Deposition  
 Marine & Riverine Debris  
 Aquaculture

## Statewide Planning's Committee Meetings

### State Planning Council

**Thursday, November 10, 2016, 9:00 a.m.**

One Capitol Hill, Providence, RI,  
Conference Room A

### Technical Committee

**Friday, November 4, 2016, 9:00 a.m.**

One Capitol Hill, Providence, RI,  
Conference Room A

### Transportation Advisory Committee

**Thursday, November 17, 2016, 6:30 p.m.**

One Capitol Hill, Providence, RI,  
Conference Room A

### RIGIS Executive Committee

**Thursday, December 15, 2016, 1:00 p.m.**

USDA-NRCS, Main Conference Room  
60 Quaker Lane,  
Warwick, RI 02886



### **Cool, crisp, clear...safe to drink?**

Learn how to protect your private well water.

#### **Free workshop for private well owners**

Protect yourself, your family, your property and your investment.

#### **Learn:**

- The importance of regular testing
- How to protect your well water from pollution
- Proper well maintenance

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- Tuesday, November 15, 2016 from 6 – 7 PM at Ponagansett High School in North Scituate, RI

To register, call URI at 401-874-4918.

Space is limited; pre-registration is required.

For more information on private well protection, see: [www.riwelltesting.org](http://www.riwelltesting.org)



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## We're Here to Help

One of the central missions of the [Statewide Planning Program](#) is to enable cities and towns to create great communities.

The staff of the Statewide Planning Program is here to help, with everything from document review to data gathering, fact checking to facilitation. Our staff has expertise in a variety of topics, including GIS and mapping, public participation, data analysis, redevelopment planning and urban design.

If you think your community could benefit from the assistance of the Statewide Planning Program, contact Jared Rhodes at 222-5772 or [Jared.Rhodes@doa.ri.gov](mailto:Jared.Rhodes@doa.ri.gov).



# 2016-2017 LANDSCAPE ARCHITECTURE LECTURE SERIES

THE  
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OF RHODE ISLAND  
COLLEGE OF  
ARTS AND SCIENCES

November 17

**Gina Ford, ASLA**

Principal, Sasaki Associates, Watertown, MA

"Landscape Humanism in Practice"

December 1

**Lara Ajemian '07**

Leblanc Jones Landscape Architects, Boston MA

**Ken McClure '08**

Halvorson Design Group, Boston MA

"Growing in the Profession"

March 2

**Kristina Hill, Ph. D.**

Associate Professor Landscape Architecture and  
Environmental Planning. U.C. Berkeley

"Strategies for Future Shores: An Honest Assessment of  
the Unthinkable"

March 23

**Tara Vincenta, ASLA**

Principal, Artemis, Bridgeport, CT

"Residential Coastal Landscapes:  
Creative responses in balance with coastal regulations  
and ecology at a post-Hurricane Sandy beachfront."

April 6

**Cheri Ruane, ASLA**

Spurr Design Group, Boston MA

"Interdisciplinary Practice: The Good, The Bad and  
The Awesome"

April 20

**Charles Birnbaum, FASLA, FAAR**

President + CEO, The Cultural Landscape Foundation  
Washington, D.C.

"Why Not Cultural Systems"

Lectures begin at 7:00 P.M. and will be held in the Chemistry Building BURP 105 on the Kingston Campus of URI. This series is co-sponsored by *The College of Arts and Sciences*, the *Gaetano and Pasqualina Faella Memorial Endowment* and the Rhode Island Chapter of the American Society of Landscape Architects. Charles Birnbaum's lecture is being cosponsored by Victor Stanley. All lectures are free and open to the public. The lecture halls are handicapped accessible. General questions about the series may be directed to 874-2983 or to [wagre@uri.edu](mailto:wagre@uri.edu).



## URI Honors Colloquium

Sponsored by the University of Rhode Island Honors Program

### The 2016 Honors Colloquium, A series of public programs at the University of Rhode Island presented by the URI Honors Program

Tuesday evenings, 7 p.m., September 20–November 29, 2016, Edwards Auditorium, URI Kingston Campus  
Coordinators: Jill Doerner, Kristin Johnson, Erik Loomis, and Liam Malloy

Inequality is a defining theme of our political, social and economic lives. We are committed to a future where all people have the opportunity to live the American Dream, in which everyone has the freedom to prosper, progress, and live well.

[The 2016 Honors Colloquium](#) examines the tension between these concepts across a range of salient issues. We raise questions about the influence of inequality on social mobility, the ability to seek political and social change, and across gender, race, and class.

Please join us for a discussion on the influence of inequality on our daily lives and prospects for the future.

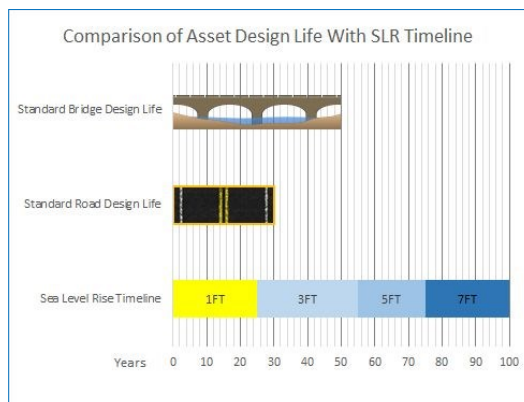
#### Lectures will include:

- **November 1:** Politics, John Nichols, National Affairs Correspondent, The Nation magazine
- **November 15:** Labor, Gerry Hudson, Secretary-Treasurer, Service Employees International Union
- **November 29:** What Is to Be Done About Inequality?, Jelani Cobb, New Yorker Staff Writer and Director of the Africana Studies Institute, UConn

If you have a disability and need an accommodation, please call 401.874.2303 at least five business days in advance. For TTY assistance, please call the R.I. Relay Service at 711.

### Vulnerability of Municipal Transportation Infrastructure to Sea Level Rise and Storm Surge

The Rhode Island Division of Planning has completed a yearlong effort to analyze the vulnerability of municipal transportation assets to sea level rise and storm surge. Using data from the Coastal Resources Management Council's STORMTOOLS data set, Division of Planning staff ranked road and bridge infrastructure vulnerability based on exposure to sea level rise and storm surge scenarios with one, three, five, and seven feet of sea level rise. In an effort to make this data useful for municipal planners and officials, the ranking was done on a municipality by municipality basis, and compiled into fact sheets and data packets tailored to each coastal municipality. The data is freely available for municipal officials and members of the public on the Division of Planning's website, at <http://www.planning.ri.gov/geodeminfo/data/slr.php>





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EXTENSION  
OUTREACH CENTER

2016 Lecture Series:

## Plugged into URI Energy Research

URI Kingston Campus, Pharmacy Building, Room 170  
6:00 - 8:00 PM

Featuring speakers from the Rhode Island Office of Energy Resources, Deep Water Wind, and University of Rhode Island Environmental and Natural Resource Economics department.

**November 2, 2016**



*The Winds of Change:  
Ocean Energy  
Generation in RI*

**November 9, 2016**



*Got Gas?  
Energy Generation  
in the Northeast*

**November 16, 2016**



*RI's Push for Energy  
Efficiency: Leading  
By Example*

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AND LIFE SCIENCES

**For More Information: [web.uri.edu/ceoc/](http://web.uri.edu/ceoc/)  
(401) 874-2900 | [Outreach@URI.edu](mailto:Outreach@URI.edu)**

**URI Extension Outreach Center  
3 East Alumni Ave, Kingston, RI 02881**





## ENVIRONMENT COUNCIL OF RHODE ISLAND

...building an ecologically healthy future in a sustainable economy

The Environment Council of Rhode Island's (ECRI) Education Fund is pleased to announce that we are opening the application process for the Tenth Annual Loraine Tisdale Environmental Education awards.

Each year ECRI's Education Fund gives out small grants to Rhode Island schools and school-based after-school programs for hands on environmental projects by students that benefit the local environment. Schools and after-school programs can use the application enclosed with the note, request an application from the [ECRI's Education Fund](http://environmentcouncilri.org/sites/default/files/sites/all/files/news/Tisdale2017app_1.pdf), or download one here [http://environmentcouncilri.org/sites/default/files/sites/all/files/news/Tisdale2017app\\_1.pdf](http://environmentcouncilri.org/sites/default/files/sites/all/files/news/Tisdale2017app_1.pdf)

We are pleased to offer 3 grants of up to \$250 in support of school-based projects that:

1. Have student participation
2. Lead to measurable improvement in an environmental condition
3. Involve the community beyond a school in some way

All Rhode Island schools and school-based after-school programs are encouraged to apply, and an ECRI Education Fund representative will be happy to answer any questions to help schools with their project application. We can be contacted either by email [here](#) or by phone at 621-8048.

Independent environmental professionals will review all applications and three schools or school-based after-school programs will receive \$250 to carry out their projects. Over the last 5 years, schools all over Rhode Island have been awarded these grants for water quality, school garden, recycling, composting, and alternative energy projects.

The Loraine Tisdale Environmental Education Awards honor a woman whose energy for a just and healthy environment was legendary. Mrs. Tisdale held an undergraduate degree in chemistry and a degree in nursing. For many years she led an organization that addressed safety and health issues concerning pesticides.

**The application deadline is November 22, 2016** and awards will be made in January 2017 for projects to be undertaken in the spring of 2016. Application and further information is available here [http://environmentcouncilri.org/sites/default/files/sites/all/files/news/Tisdale2017app\\_1.pdf](http://environmentcouncilri.org/sites/default/files/sites/all/files/news/Tisdale2017app_1.pdf)

**ENVIRONMENT COUNCIL OF RHODE ISLAND**

...building an ecologically healthy future in a sustainable economy

Applicants should be aware ECRI will do some publicity around the winning projects and encourages winners to publicize their projects as well

**Application for the 2017 Loraine Tisdale Fund Environmental Education Awards**

Name of Applicant: \_\_\_\_\_

Address: \_\_\_\_\_

City/Town: State: Zip: \_\_\_\_\_

Phone: \_\_\_\_\_ Email: \_\_\_\_\_

Name of Project Leader/ Director/ Responsible Person: \_\_\_\_\_

Name of group/ school sponsoring the project: \_\_\_\_\_

City or Town in which project will occur: \_\_\_\_\_

Number of persons carrying out project: \_\_\_\_\_

Purpose of project: \_\_\_\_\_

Budget for the project, including sources of funds and whether those funds are in hand: \_\_\_\_\_

Completion date for project: \_\_\_\_\_

Please include a one page description of the project including the cooperative components of the project, what the participants will gain, and how the success of the project will be measured. Applicants should note that a final report to include at least one photograph of the project in progress must be produced at the end of the project and presented to the Environment Council by July 15, 2017.

**The application deadline is November 22, 2016 and awards will be made in January 2017 for projects to be undertaken in the Spring of 2017.**





## Application

### Does your facility qualify?

Who can apply: **Nursing homes, Assisted Living Facilities, and Independent Elderly Housing**



Facilities must have experienced a power outage during one of the following storms:

Hurricane Irene, August 27-29, 2011; or  
Hurricane Sandy, October 26-31, 2012; or  
Winter Storm Nemo, Feb. 8-10, 2013.



The State will prioritize those facilities most appropriate for sheltering in place. Therefore, facilities located outside of 100 year floodplains and special flood hazard areas, as mapped by FEMA, will be prioritized. All facilities meeting the outage requirement are encouraged to apply.

**Applications will be accepted on a rolling basis. Applications can be delivered in hard copy or electronic format to Julia Gold. Facilities interested in applying or those with questions should contact:**

Julia Gold, Climate Change Program Manager, Rhode Island Department of Health  
3 Capitol Hill, Room 206, Providence, RI 02908, 401-222-7746, [julia.gold@health.ri.gov](mailto:julia.gold@health.ri.gov)

### Please provide the following information:

**Organization Name:**

**Facility/Site Name:**

**Nursing Home, Assisted living, or Public/Independent housing:**

**Address:**

**Primary Contact Name/Title:**

**Primary Contact Phone:**

**Email address:**

**During which storm(s) did your facility have a power outage?**

       Irene           Sandy           Nemo    (mark with an X)

**Is your facility located within the FEMA 100 year floodplain?**



Please provide the following information:

Do you have an emergency generator? \_\_\_\_\_

If, yes, does it power heat? \_\_\_\_\_ Air conditioning? \_\_\_\_\_

**Please answer the following (6) questions:**

(Answers can be typed/written below each question or on a separate page)

Do you have a staff member that can commit to being the point person for this project, meet or speak with the consultant on a regular basis, and oversee the project? Please indicate this person's name and responsibilities.

How do you think your facility will benefit from participating in this program?

What are some steps that would help your facility to become more prepared during extreme weather events or power outages?

Do you have sufficient meeting space to accommodate approximately 15-20 participants for the training sessions?

Please describe the site that you would like to include in this program. Specifically please include whether or not the site has an emergency generator, the approximate age of the structure and the number of residents/tenants and staff that would need to be supported during disasters.

Do you have any concerns about participating in this program?

