

STATEWIDE PLANNING e-NEWS

Rhode Island Statewide Planning Program • One Capitol Hill • Providence, RI 02908 • 401.222.7901 • fax 401.222.2083 • www.planning.ri.gov

Inside this Issue

| Land Use Data | Cover |
|---|-------|
| SPP Help Committee Meetings Historic Preservation URI Lecture Series | 2 |
| WTS, RINEMO | 3 |
| URI—GIS Training | 4 |

Updated Land Use and Impervious Data Available

The Division of Planning's Land Use and RIGIS Units and the Department of Environmental Management's Supervising GIS Specialist have completed a project to update the land use land cover and impervious characteristics for the State. The Photo Science Company was contracted to perform the project replicating the semi-automated process used for the 2003-04 land use land cover and impervious data sets. The digital GIS data and supporting information that resulted is intended to assist Rhode Island's community of planners and land resource managers.

This is the latest land cover land use data set for Rhode Island. It contains the statewide land use data set (rilu11) in an ESRI coverage format. It is a statewide, seamless digital dataset of the land cover land use derived using automated and semi-automated methods and is based on orthophotography captured in spring 2011. The project area encompasses the entire

State and extends 1/2 mile into the neighboring states of Connecticut and Massachusetts. Geographic feature accuracy meets the National Mapping Standards for 1:5000 scale mapping with respect to base level data (roads, hydrography, and orthos). The minimum mapping unit for this dataset is 0.5 acre. The land use classification scheme used for the data was based on the same Anderson Level III modified coding schema used in previous land use datasets in Rhode Island (1988, 1995 & 2003/2004).

The impervious data set is a statewide, seamless digital dataset of the impervious surfaces for the State derived using semi-automated methods also based on the 2011 spring color orthophotography. The project area is the same as the rilu11 data set. This raster dataset has two classes - pervious and impervious. Impervious surfaces are human-created surfaces that do not allow water to permeate through them. The data includes paved surfaces such as buildings, roads, sidewalks, driveways, parking lots, swimming pools, tennis courts, compacted dirt roads, athletic tracks, and water treatment facilities. This data does not include over-water features such as docks and bridges. Only human-made impervious surfaces are included - not natural surfaces such as rock outcrops, rocky shoreline, etc. The dataset has a spatial resolution of 2 ft.

Metadata detailing the specific characteristics for each data set are also included. A cautionary note; Ril11 and rilu03 do not contain all wetlands in the State that were previously identified in older RIGIS land use data or other RIGIS wetlands data sets. Areas classified as forested wetlands in those earlier land use data sets are shown as forest types in rilu03 and rilu11. These data were derived from automated and photo interpreted processes and should be used for preliminary planning purposes only.

These copyrighted data are distributed for free under the terms of the RIGIS license agreement. Please review the RIGIS license agreement for more information before accessing these data. The data and supporting information is on the World Wide Web site maintained by the University of Rhode Island's Environmental Data Center for download at: <http://www.edc.uri.edu/rigis/data/data.aspx?ISO=environment> for impervious surface data or <http://www.edc.uri.edu/rigis/data/data.aspx?ISO=planningCadastre> for land use land cover data.

Division of Planning Committee Meetings



State Planning Council

April 10th 2014, 9:00 a.m.

One Capitol Hill, Providence, RI

Conference Room A

<http://www.planning.ri.gov/council/planningcouncil/>

Technical Committee

April 4th 2014, 9:00 a.m.

One Capitol Hill, Providence, RI

Conference Room A

<http://www.planning.ri.gov/council/technical/>

Transportation Advisory Committee

April 24th 2014, 6:30 p.m. a.m.

One Capitol Hill, Providence, RI

Conference Room A

<http://www.planning.ri.gov/council/transportation>

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.

State of Rhode Island

Historical Preservation & Heritage Commission

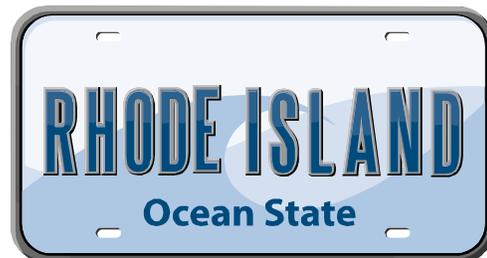
Save the Date!

On Saturday, April 26, 2014, the RIHPHC presents the 28th Annual Rhode Island Statewide Historic Preservation Conference "Pride in Preservation," in Warren.

Statewide leaders and mom-and-pop shopkeepers are urging Rhode Islanders to take pride in the local and homegrown. Preservationists are answering the call-- after all, isn't historic preservation all about taking pride in local places and working to reuse, restore, and interpret them? Kick up your heels as you march down Warren's Main Street, discover its arts district, and walk along Water Street and the working waterfront. Bike to Bristol, bus across Barrington, go horseback riding in East Providence (on the Crescent Park Carousel). Join us at the 2014 conference, and take pride in preservation.

The conference program will be available in early March at www.preservation.ri.gov/conference

RIHPHC is working with RIAPA and AIA/RI to secure educational credits for planners and architects.



URI Landscape Architecture Lectures 2014

THINK BIG  WE DO™

THE
UNIVERSITY
OF RHODE ISLAND
COLLEGE OF
THE ENVIRONMENT
AND LIFE SCIENCES

April 3 Gary Hildebrand, Principal, Reed Hildebrand LLC, Watertown, MA, "Telescopic"

April 17 Marion Pressley, Principal, Pressley Associates, Cambridge, MA, Title: "Respecting the Continuum - Designing for the Past, Present, and Future"

Lectures begin at 7:00 p.m. and are held in the Weaver Auditorium on the Kingston Campus of URI. The series is being co-sponsored by Bartlett Tree Experts, the RI Chapter of the American Society of Landscape Architects and the College of the Environment and Life Sciences. All lectures are free and open to the public. The lecture hall is handicapped accessible. General questions about the series may be directed to 874-2983. For Directions visit <http://www.uri.edu/ce/wq/OWT/Directions/index.htm>



RI NEMO is pleased to share that the RI State Conservation Committee, under the direction of the RIDEM is now seeking comments on their revision of the 1989 Soil Erosion and Sediment Control Handbook.

The proposed Handbook can be found online at:
<http://www.dem.ri.gov/soilerosiondraft3.pdf>

The public review period began March 7, 2014 and will end on Tuesday, May 6, 2014.

A public informational workshop will be held on Friday, April 25, 2014 from 1-3 pm at the RIDEM, Room 300.

Please share this notice with any interested parties. Please direct any questions about the Handbook or the revision process to:

Beverly Migliore, Supervising Environmental Scientist
 RI Department of Environmental Management, 235 Promenade Street, Providence, RI 02908, Phone: 401-222-4700 x 7503, Email: Beverly.migliore@dem.ri.gov

Workshop and Training in Emergency Response Planning for Rhode Island water systems serving 3,300 customers or less

Dates & Locations, 4 Training Opportunities to choose from:
 Wednesday, April 16, 2014, 8 AM – Noon, Harrisville Fire District, 115 Central Street, Harrisville, RI

Thursday, April 17, 2014, 4:30 – 8:30 PM
 South Kingstown Public Safety Building, Conference Room, 1790 Kingstown Road (Route 108), Wakefield, RI 02879

Tuesday, May 6, 2014, 4:30 – 8:30 PM, North Tiverton Fire District, 241 Hilton Street, Tiverton, RI 02878

Wednesday, May 7, 2014, 8 AM – Noon, Louttit Library Community Room (behind library), 274 Victory Highway (Route 102), West Greenwich, RI 02817

Participants will receive:

- Training materials including easy-to-use templates to complete an Emergency Response Plan
- Time during the training to use the template to develop the Emergency Response Plan
- 5 Continuing Education Units (CEUs)
- Important Information and Essential ERP Training led by a terrific presenter – Tom Bahun, Training Specialist and MEWARN Circuit Rider, Maine Rural Water Association
- Refreshments and a light meal

For more information and to register, please contact:
 Galen McGovern, ASRWWA - Project Manager, 1130 Ten Rod Road - Suite D-102, North Kingstown, RI



WTS-Rhode Island Professional Development Workshop Public Speaking

Please join WTS-Rhode Island for a professional development workshop on April 10, 2014 from 4:00 PM to 6:00 PM at the GZA GeoEnvironmental Inc. in Providence. Ed Skurka will provide training in public speaking skills that apply to all interpersonal communications both inside and outside of work. To register for this event please contact Dara Clough at 401-834-1070 or wtsrhodeisland@gmail.com by 5:00 PM on Monday, April 7. For the April Professional Development flyer,

http://www.wtsinternational.org/assets/80/22/2014_Professional_Development_flyer.pdf

Private Well Workshop Calendar



Tuesday, April 15, 2014 from 7 - 8 PM at the Scituate High School Auditorium, 94 Trimtown Road, North Scituate, RI. Hosted by the Northern RI Conservation District and Providence Water.

Tuesday, June 24, 2014, from 7 - 8 PM at the Chariho Middle School Cafeteria, 455B Switch Road, Wood River Junction, RI. Hosted by the Charlestown Conservation Commission.

Pre-registration is required for workshops as space is limited. Programs are free. Call (401) 874-4918 to register.

For more information, see www.rivelltesting.org

During the workshop you will learn how you can protect your private well through:

- Regular testing
- Private well maintenance
- Good housekeeping practices for your well
- The workshops are hosted by the [Rhode Island Department of Health](#) and the University of Rhode Island's Cooperative Extension Water Quality Program.

GIS Training Classes

1. Introduction to GIS Desktop: Dates: May 20 - 22, 2014; 8:30 AM - 4:00 PM, Registration Fee: \$750

Summary: This three-day hands-on computer course provides an introduction to the capabilities of GIS. Using [ESRI's ArcGIS 10.2](#)®, software, we teach the fundamentals of working with GIS data, how to query a GIS database, edit spatial and attribute data and how to present data using maps, reports, and graphs. We also work extensively with the [Rhode Island Geographic Information System \(RIGIS\)](#) database.

All students receive hands-on software instruction, course books with exercises with accompanying training data. Upon successful completion of the course, students receive a **URI Certificate of Course Completion**. Classes are taught at [URI's Kingston campus](#).

Requirements: Participants should be comfortable working in a windows environment. Please visit ESRI's training website and try this free course on [Getting Started with GIS \(for ArcGIS 10\)](#) This will provide you with a comprehensive introduction to the topics that will be covered in the three-day course.

Topics Covered:

- Geospatial data types: storage and management
- Introduction to the ArcMap interface: toolbars, pop-up / drop-down menu
- How to display, symbolize, label geospatial data
- Using ArcGIS.com basemaps and other internet map services
- Printing and exporting maps
- Creating and Editing geospatial data
- How to perform attribute and spatial queries
- Creating X,Y location data, spatial analysis (overlay)
- Accessing the RIGIS data catalog

THE
UNIVERSITY
OF RHODE ISLAND

Working with ArcGIS.com: Maps and Geographic Data on the Web, Date: May 27, 2014; 8:30 AM - 12:30 PM
Registration Fee : \$100

Summary: This is a half-day training program that will introduce you to ESRI's online mapping applications available at ArcGIS.com and give you the tools to access the volumes of data being served from RIGIS which are easily accessible in this interface.

- Explore ready to use map services from RIGIS and others (hundreds of maps!)
Query existing data
- Build your own maps using readily available data from RIGIS and other sources
- Create your own data (import: .csv, .txt, addresses, .gpx, heads-up digitizing)
- Share your maps via e-mail, Facebook, Twitter or embed the code into your own website

ArcGIS Online, services developed by ESRI® that allow users to upload, download, and create data. Users may choose to make their map data public or limit access by using groups.

Requirements: This course is intended for those interested in working with geographic data and requires only a modest level of technical skill. **No prior GIS knowledge is necessary!**

Participants will:

- Create a customized ArcGIS Online map
- Become comfortable with the ArcGIS.com interface
- Learn to access the RIGIS ArcGIS Server maps
- Use tools to create layers on your custom map
- Import .csv files with location data (x,y, address) on to map
- Import Shapefiles on to an ArcGIS.com map
- Learn how to share a map via email, Facebook, Twitter or by embedding it into own website.

For information and to register: <http://www.edc.uri.edu/training/schedule>

Alyson McCann, Water Quality Program Coordinator, 1 Greenhouse Road, Department of Natural Resources Science
University of Rhode Island, Kingston, RI 02881, 401.874.5398, alyson@uri.edu, www.uri.edu/ce/wq



RhodeMap RI is currently planning six interactive public engagement events during the first two weeks of May to get feedback from the public on ideas for growing Rhode Island's economy and providing for healthy homes, neighborhoods and communities. New Housing and Economic Development Plans are being developed as part of the **RhodeMap RI initiative** and a sustainable action plan will identify top priorities from these plans that integrate transportation, land use and environment.

The May engagement events will be staffed and sponsored by the Rhode Island Department of Administration's Division of Planning and are the culmination of an extensive outreach and research effort. The **RhodeMap RI** team has incorporated the feedback received to identify, map and evaluate the intersections of the state's environmental, economic, housing and social resources, with the vision of helping communities determine where and how future development and redevelopment should happen within their borders.

Members of the public will also be able to share their comments online. More information on the May events, including day and location, will be available soon on the RhodeMap RI's website at www.rhodemapri.org.