



## 2016 NEURISA Summer Newsletter

### MESSAGE FROM THE PRESIDENT

Dear NEURISA Members, former Board Members and Friends,



The NEURISA Board of Directors has been busy throughout 2016 bringing you quality events, webinars, Mappy Hours, our monthly email bulletins, and most importantly, we have been planning for NEURISA Day 2016. This year NEURISA Day will be growing! We will be holding NEURISA day at a great new venue; The **Great Wolf Lodge in Fitchburg, MA**. We hope this facility will meet all of our needs and more (plus, bring your kids to spend the day at the water park, while you attend NEURISA Day!) We are very excited about the new venue as it will allow us to involve more attendees and exhibitors. Over the next few months the NEURISA Board of Directors will be working hard to bring the most current, and relevant GIS workshops to NEURISA Day 2016. This year, **NEURISA Day will be held on November 14, 2016**, during Geography Awareness Week. We hope that you will save the date, and join us at the Great Wolf Lodge!

Please consider getting involved! Submit an **abstract**, **submit a poster**, or **web application** to compete for cash prizes, **nominate a colleague for the NEURISA Special Achievement Award**, or **volunteer** at the event. More information can be found below!

We hope NEURISA Day 2016 will invite involvement from **GIS practitioners** as well as professionals from a range of occupational backgrounds, who are interested in learning more about GIS. We hope to hold workshops that will bring greater awareness of GIS technology and its capabilities to a wide array of multidisciplinary professions in New England. We welcome professionals from all backgrounds: **Government Officials** at all levels of State and Federal Government; Municipal officials, like Town Planners, Conservation Agents, DPW Staff, Public Safety Officials, Tax Assessors, and others; **Industry professionals** in transportation, utilities, health services, security; staff from **Non-Profit Organizations**, and **Non-Governmental Organizations**, and **Students and Faculty from Colleges and Universities** throughout England. Do you know someone who might be interested in attending? Invite a friend! We hope to bring together a diverse group of multidisciplinary professionals to further our mission of bringing greater education and collaboration to NEURISA Day, and advocating for GIS technology throughout New England.

The NEURISA Board wishes everyone a happy and safe summer!

*Erin E. Jacque, GISP*  
2016 NEURISA President

# NEURISA Day 2016

**November 14, 2016**  
**Great Wolf Lodge, Fitchburg, MA**

The New England Chapter of the Urban & Regional Information Systems Association (NEURISA) will host its annual **NEURISA Day** conference on **Monday, November 14, 2016**. This one day conference will include a keynote session, exhibitors, a poster/web application competition, and presentations from professionals in the GIS community.

## Call for Abstracts

***Abstract submission deadline is August 31st!***

**To register, exhibit or present: [Click Here](#)**

NEURISA Day will once again have **two concurrent tracks** in order to offer more for our attendees! Conference topics may include:

- Climate Change/Resilience Mapping
- Emergency Response/ E-911 (next generation)
- Strategic Planning
- ROI Workshop
- Mobile Applications
- Drones/UAV's
- Open Source Solutions
- GIS Leadership
- CAMA, Planning Tools, Natural Resource, DPW, Utility
- Stormwater, Asset Management
- Modeling
- GIS in Security

In addition to networking and hearing relevant presentations, conference attendees will get to spend a few minutes in one-on-one conversations with participating geospatial vendors as a means to build introductions and discover mutual business or professional interests.

Early registration deadline: October 17, 2016

Contact [neurisa@gmail.com](mailto:neurisa@gmail.com) for more information

## NEURISA Special Achievement Award Announcement 2016

The New England Chapter of URISA (NEURISA) is accepting nominations for our [Special Achievement Award](#), which will be presented at [NEURISA Day 2016](#), on November 14th 2016, at the Great Wolf Lodge, Fitchburg, MA.

**Please submit a nomination by completing this form:** [www.neurisa.org/Recognition](http://www.neurisa.org/Recognition). *The deadline for submissions is September 1st, 2016!*

**Potential Recipients:** GIS Practitioners in New England

**Criterion:** Through the use of geospatial or other information technologies, the individual has made a significant contribution that greatly enhances the efficiency and effectiveness of an organization, realizes a significant return on investment, or greatly improves the quality of services. This contribution may be a single act or a cumulative performance. Significance will be measured by a positive impact on an organization or a community.

**Nomination Process:** Nominations will be solicited from geospatial and information technologies professionals and the NEURISA Board. *The nomination deadline September 1st, 2016.*

**Selection Process:** A committee of three NEURISA Board Members (President, President-Elect and Past-President) will select from nominees submitted based upon a set of predefined criterion.

## GIS Competition - Posters & Web Applications

NEURISA will give cash awards for first place (\$100) and free NEURISA Day 2017 registration for second place entries with the highest scores in two Categories: Best Poster and Best Web Based/Mobile Application.

NEURISA will announce the winners during the Annual NEURISA Day Conference at the Great Wolf Lodge in Fitchburg, MA on November 14, 2016 (Winners Must be Present!).

All entries will be voted on by using peer ballots at the conference. Attendees will be asked to select their top 2 choices for entries in each category. Entrants will be responsible for registration, arriving early, setting up posters, or computer station for sharing their web based/mobile application with attendees. Submissions in either category should be digital. Poster submissions must bring hard copies to the conference. One entry per-person. All those submitting entries must register for our annual conference to win. Winners will be announced at the NEURISA Day Social Following the Conference.

For initial GISP Certification, a conference poster is worth 1 contribution point. For renewal of your GISP, a conference poster is worth 3 contribution points. For more information on GISP credit, see the application at the GISCI website.

## Educational Opportunities

### [Esri Offers Free Self-Paced E-Learning to Customers through New Training Site](#)

Esri will give all customers that have a qualifying product with a current maintenance subscription unlimited access to free self-paced e-Learning through its new Training website.

### [Spatial Ecology, Geospatial Analysis & Remote Sensing for Conservation](#)

September 26-October 7, 2016

Smithsonian-Mason School of Conservation, Front Royal, Virginia, USA

Learn to use GIS tools to address conservation research problems, quantifying effects of human-induced global changes on wildlife and biodiversity. Hands-on lab exercises (e.g. land cover mapping; home range analysis; modeling habitat selection; mapping species distributions) use remote sensing data and SCBI field surveys to monitor global changes, assess impacts on wildlife, and develop mitigating strategies.

Teacher Workshops:

### [ArcGIS Online Organizations: How will I ever manage?](#)

Contoocook, NH

August 15, 8:30am to 4:30pm

This 1-day workshop will help you understand how ArcGIS Online can be used in your classroom and in your school! The use of ArcGIS Online through a subscription account (free for all K-12 schools or K-12 informal programs) expands basic online mapping to include tools using analysis, collaboration, and the creation of engaging interactive maps. Examples covered on this day will include web apps, analyzing and sharing scientific data, and creating online map galleries. Participants will be guided through the process of finalizing and "setting up" a previously-requested subscription account for their school.

### [Analysis using ArcGIS Online](#)

Hopkinton Middle High School, Contoocook, NH

August 2-4, 8:30am to 4:30pm

Analysis of data is actually the real power of GIS. This workshop will use existing layers of New Hampshire data and examine a variety of topics, from Social studies to Science. ArcGIS Online Analysis tools will focus on data sets from previous elections, and data sets of habitat. Available Editable Feature Services will allow teachers to add their own student-created data to the mix. Previous experience with ArcGIS Online is a prerequisite for this workshop. Attend an earlier session or contact us.

### [How to use ArcGIS Online as an instructional tool](#)

Lyndon State College on 9/17 and 9/24

Windsor Schools on 10/15 and 10/22

The Vermont Geographic Alliance will be offering 2- 2 day workshops this fall for educators interested in learning how to use ArcGIS Online as an instructional tool. The first series will be hosted at Lyndon State College on 9/17 and 9/24, and the second series will be hosted at Windsor Schools on 10/15 and 10/22. Lunch and refreshments will be available at both workshop. Upon completion, participants will receive a \$100 stipend, certificates of completion recognizing professional development hours, and access to the VGA Google+ Community where they can connect with other VT educators who use ArcGIS Online in their K-12 classrooms. Those interested may pre-register using this [Google Form](#). Please email [Keighan.Chapman@castleton.edu](mailto:Keighan.Chapman@castleton.edu) or [Scott.Roper@castleton.edu](mailto:Scott.Roper@castleton.edu) for more information.

## Events

### [CT GIS User to User Network Meeting](#)

Pope Park Recreational Center

30 Pope Park Drive

Hartford, CT

Friday September 9th

8:30am-12pm

We are looking for presenters to share their great GIS knowledge! If you would like to present please email me or any other member of the steering committee

(<http://ctgis.uconn.edu/about/steering.htm>)

More information is posted on the CT GIS User Network page and will be updated as we get more information on presentations and other need to knows prior to the event.

### [Fall NEARC 2016](#)

Sea Crest Hotel, North Falmouth, Massachusetts

Sunday, October 16 - Wednesday, October 19, 20

The Northeast Arc User Group (NEARC) is an independent, volunteer organization dedicated to helping users of Esri GIS software be more successful. We hold a one-day conference in the spring of each year and a three-day conference in the fall. At each of these events, we foster learning through technical training from Esri, user presentations, and community building events.

### [Maine GIS User Group – Fall Conference](#)

Hutchinson Center, Belfast, ME

September 23, 2016

The Maine GIS User Group (MEGUG) is a non-profit organization that promotes awareness of and encourages the coordinated development and effective use of geographic information and related technologies. MEGUG focuses its efforts in the areas of policy, liaison and networking, research, education, and public relations. The Group facilitates discussion and exchange of

information and ideas in these areas by hosting regular meetings, workshops, and roundtables open to both members and non-members.

#### [2016 New York State GeoSpatial Summit](#)

New York University Bern Dibner Library of Science and Technology, Brooklyn, New York  
October 20<sup>th</sup> and 21<sup>st</sup>

This coming October will bring you the 9<sup>th</sup> **NYS GeoSpatial Summit**. This highly regarded event is held every other year, and in 2016 we will convene for the first time in New York City! It will truly be a unique opportunity to mingle with your colleagues in this world class city, while hearing from leaders in the geospatial industry.

#### [GIS-Pro 2016](#)

Toronto, Ontario Canada  
October 31-November 3, 2016

Geospatial information is everywhere, at everyone's fingertips and URISA as an organization has been at the forefront for the past 50 years, through global technology and social shifts. In the time it took you to pull up the description of this conference, perhaps on your phone, tablet or laptop, you have already considered the conference location, investigated the good eats and conference events, and mapped all of your indoor and outside activities. URISA connects members and partners with the educational, networking and collaboration resources that professionals need to evolve geospatial tools and solutions that respond to real places in real time. Join us in October, in Toronto, Canada for our 50th anniversary event and be "where" amazing things are happening!

#### [URISA Leadership Academy](#)

Chicago, Illinois  
August 1-5, 2016

In today's work environment, it doesn't pay to sit still. Keeping your skills sharp can make the difference between moving ahead and becoming stale or even obsolete. Learn from the best minds in the profession and take your skills to the next level by attending the URISA Leadership Academy. The entire five day program, the only leadership training program of its type, is tailored to industry leaders and practitioners faced with unique challenges of GIS leadership and management and who want to make an impact leveraging the power of GIS.

#### [Esri Portland, ME R&D Center Open House](#)

GeoDev Meetup Group - Northeast  
Wednesday, August 24, 2016  
12:00 PM  
Esri R&D Center  
100 Commercial Street Suite 415  
Portland, ME

Welcome to the Esri Portland, ME R&D Open House event! As a world leader in mapping and GIS technology, Esri inspires and enables people to positively impact the future through a deeper, geographic understanding of the changing world around them....[Learn More.](#)

## Certification News

### [\*GISCI Geospatial Core Technical Knowledge Exam\*](#)

The exam is a groundbreaking development in the geospatial profession, software-agnostic, based upon a job analysis from a four-year experience level, informed by the GIS&T Body of Knowledge, guided by the Geospatial Technology Competency Model (GTCM), and centered upon the six key knowledge areas shown elsewhere on this page.

## News & Information

### **Doctors Without Borders Launches MapSwipe App to Help Crisis Areas**

<http://www.doctorswithoutborders.org/article/doctors-without-borders-launches-mapswipe-app-help-crisis-areas>

Check out [Map@Syst](#)

[GIS Certification Survey](#)

[URISA Mentoring Program](#)

[\*Prepare Yourself for the Coming New Datums\*](#) (Webinar)

To view the webinar please visit: <https://www.youtube.com/watch?v=XcsQr71ls6c>

## Jobs and Internships

### [\*GIS Analyst\*](#)

NYC Dept. of Information Technology and Telecommunications, NY

The NYC Dept. of Information Technology and Telecommunications has an opening for a GIS Analyst in their Geographic Information Systems (GIS) unit. The GIS unit is responsible for supporting geospatial data maintenance, distribution and analysis.

Responsibilities will include:

- Provide maintenance and quality control of geospatial data and aerial photography;
- Provide maintenance of geospatial data using desktop GIS;
- Adhere to QA/QC procedures;
- Perform quality control and review of data;
- Perform geocoding and digitizing data;
- Perform spatial analysis and the production of hardcopy maps;
- Perform special projects and initiatives as assigned.



To apply, search for Job ID 235973 at <http://www1.nyc.gov/jobs/index.page>

#### [Software Engineer/Programmer II](#)

NOAA's National Weather Service (NWS)/Office of Dissemination (DISS) and National Ocean Service (NOS)/Coast Survey Development Laboratory (CSDL)

Durham, NH

The UCAR Visiting Scientist Programs, in cooperation with NOAA's National Weather Service (NWS)/Office of Dissemination (DISS) ([link is external](#)) and National Ocean Service (NOS)/Coast Survey Development Laboratory (CSDL) ([link is external](#)), is seeking applications for a Software Engineer II to support the NOAA/NOS nowCOAST Geographic Information System (GIS) project. ([link is external](#)). This position involves enhancement of the nowCOAST data ingest system, web mapping services, and map viewer to improve efficiencies, implement additional features and functionality, and incorporate the processing and display of additional datasets provided by NOAA, NESDIS, or other federal partners.

#### [GIS Intern](#)

The New York City Department of Transportation (DOT)

The New York City Department of Transportation (DOT) operates and maintains all of NYC's streets, street furniture, bridges and tunnels amongst others. The department also issues permit and violations for construction activities on NYC's streets and sidewalk. In support of the agency core mission – Safety, DOT seeks an GIS intern to assist with mapping of crash data as well as safety improvement projects and education outreach. The GIS intern will be working with a team of GIS Analyst and Developers to support the citizen outreach tool – Vision Zero View (<http://www.vzv.nyc>). Additionally data analysis and visualization of transportation data will be required. Lastly the preferred candidate will support agency initiative for Open Data compliance. If interested, please submit your cover letter and resume to Hassan Adekoya ([hadekoya@dot.nyc.gov](mailto:hadekoya@dot.nyc.gov))

#### [Municipal Stormwater Visiting Assistant Extension Educator](#)

UConn Extension at the Middlesex County Extension Center, Haddam, CT

The State of Connecticut has committed to an expanded stormwater regulatory program for municipalities, and UConn Extension will be providing outreach to towns and institutions to support them in complying with this program. The individual in this position will work as part of a dynamic, interdisciplinary team of faculty members from the Center for Land Use Education and Research (CLEAR) and NEMO program in UConn's Department of Extension. Under the guidance of faculty colleagues and others, the individual will be responsible for developing and delivering a multi-faceted support program to Connecticut municipalities. The position will require in-state travel (reimbursed at federal rates) to visit municipalities and institutions.

#### [GIS Field Technicians](#)

Beta, Inc.

We are seeking qualified applicants to expand our robust team to include a full-time GIS Field Technician. Essential functions involve field and office related tasks such as asset inventories,



condition assessments data analysis and GIS mapping. The GIS Field Technician will support data development for municipal and state asset management projects throughout New England. For more information visit: <http://www.beta-inc.com/career/gis-field-technician/>

#### [Java Engineer](#)

Technergetics, LLC

We'd like someone to help drive the evolution of an open software architecture using technologies such as Java and OSGi. This is a great opportunity for career growth and innovation for the right individual. This candidate will focus on web service design and development, server component development (Java), and integration with a variety of third-party systems. We offer great salary, benefits, and growth opportunity for an individual who wishes to excel.

#### [URISA Jobs board](#)

### Interesting Links

[Interactive Atlas of Heart Disease and Stroke](#)

[Drones on the horizon: new frontier in agricultural innovation](#)

[Watch 6,000 Years of Urbanization in 3 Minutes](#)

[The Disappearing West](#)

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**Submit future CALENDAR items, GIS News, and Ideas for GIS profiles/stories** to NEURISA, Mark Haberle [mhaberle@vhb.com](mailto:mhaberle@vhb.com). The preferred format for Calendar submissions includes the following items: *Conference Title; Brief description; Date; Time; Location; Sponsor(s); Contact: name & phone number; Website: if available*

New England Chapter of URISA (URISA)  
NEURISA serves Connecticut, New Hampshire, Maine, Massachusetts, Rhode Island and Vermont.

NEURISA is a not-for-profit [501(c) (6)] professional organization incorporated in Massachusetts.

## Sponsors

A Special Thanks to all of our 2016 Sponsors!

