

GIS



Join Us In Celebrating GIS Day!

GIS Day at

Rowan College at Burlington County,

Thursday, November 5, 2015

Formerly
Burlington County College



Assessors can receive
5 CEU hours!

What is GIS?

More than one million people across the globe rely on geographic information system (GIS) technology to solve problems and make better decisions by thinking and planning geographically. GIS combines computer hardware, software, and data to collect, manage, and analyze geographic information.

With GIS, users can view relationships, processes, patterns, and trends in the form of maps, globes, reports, and charts. From mapping wildfires to finding the best location for your favorite coffee shop, GIS helps people see how the world works and changes.

What is GIS Day?

Since 1999, more than 10,000 organizations have participated in GIS Day by hosting events such as open houses, hands-on workshops, community expos, career fairs, school-wide assemblies, and mapping projects. GIS Day success is due to the hard work and dedication of GIS users around the world who see the importance of sharing their GIS knowledge with others.

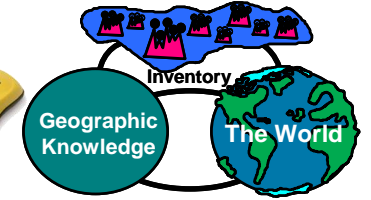
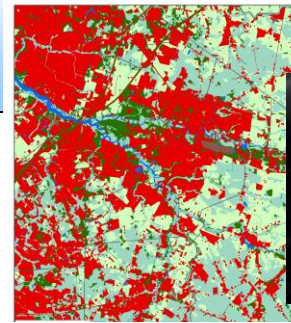
Learn how GIS & GPS are used!

GIS is used by many organizations for mapping, analysis, and decision making. Join us to find out more about GIS applications such as: **supporting journalism, balloon imagery of wetlands, inventorying historic preservation sites and trees, remote sensing and stormwater mapping.**

Who Should Attend?

All individuals interested in how geography, through the technology of GIS, affects your everyday life!

Organizations which use GIS are invited to display maps in the Map Gallery. Map submission deadline is November 4th. For more information or to display a map in the Gallery, contact: Merrilee Torres at 609-702-7067 or mtorres@co.burlington.nj.us



Event: GIS Day at Rowan College at Burlington County

FINAL Agenda

Date:	Thursday, November 5, 2015, 9:00 am – 4:30 pm
Time:	9:00-4:30 Map Gallery
	9:00-12:00 Speakers
	12:00-1:00 Lunch
	1:00-4:30 Palmyra Nature Cove's Mobile Geoscience and Remote Sensing Lab
	1:00-2:15 GPS Outdoor Field Activity
	1:30-4:30 MAGTUG seminar on stormwater
	2:30-4:30 Hands-on, Self-paced GIS Lab Exercises
Location:	Rowan College at Burlington County (formerly BCC) Mount Laurel Campus, Laurel Hall (Rm 320) & Technology Building (Tech 208) 3331 Route 38 Mount Laurel, NJ 08054

Description

GIS Day will kick off with a morning of speaker presentations highlighting GIS applications across various industries. The afternoon will include the MAGTUG (Mid-Atlantic Geospatial Transportation Users Group, www.magtug.wordpress.com) fall meeting, a hands-on GPS exercise using professional equipment, and GIS exercises using professional software. A Map Gallery will be on display throughout the day. This is also an opportunity to learn about RCBC's Geospatial Technologies program. Participants can take part in activities where prizes will be awarded.

The event is free and refreshments will be provided. Seating is limited and registration is requested.



For more information and registration go to: <http://www.co.burlington.nj.us/gisdayatrcbc>



Different name - Same location as past GIS Days at BCC

GIS Day

November 5, 2015

Rowan College at Burlington County
Mount Laurel Campus

Formerly Burlington County College



Speaker Presentations

9:00 - 12:00

Laurel Hall, Room 320

- 9:05-9:25 **Azavea's Summer of Maps Program: Bridging the GIS Divide for Nonprofits**
Sarah Cordivano, Azavea
- 9:30-9:50 **Using the ArcGIS Platform to Support Historic Preservation Master Plan Updates**
Bob Pliszka, JMT Technology Group
- 9:55-10:15 **Mount Holly Street Tree Inventory via ArcGIS Mapping**
Randi Rothmel & Nick Sodano, Mount Holly Environmental Advisory Committee
- 10:15 - 10:40 **Feature Challenge & Break**
- 10:40-11:00 **Balloon Imagery for Assessing Wetlands Sites**
Dom Elefante & Ildiko Pechmann, Meadowlands Environmental Research Institute
- 11:05-11:25 **GIS and Journalism**
John Duchneskie, the Philadelphia Inquirer
- 11:30-12:00 **To Observe the Earth and Visualize the Future**
John Moore & Peter Dorofy, Palmyra Cove Nature Park and Environmental Discovery Center

12:00 - 1:00 Lunch

Laurel Hall, Room 320/304

Breakfast and Lunch are sponsored by



Brought to you by:

Burlington County Board of Chosen Freeholders
Rowan College at Burlington County
& MAGTUG



FINAL Agenda

Mobile Geoscience and Remote Sensing Lab

1:00 - 4:30

Parking lot at west end of Laurel Hall

Learn about satellites and remote sensing in Palmyra Nature Cove's traveling lab

Hands-on GPS Outdoor Field Activity

1:00 - 2:15

Meet in Laurel Hall, Room 312

Learn about GPS and test-drive professional grade GPS units.

Hands-on GIS Lab Exercises

2:30 - 4:30

Technology Building, Room 208

Use professional GIS software in these exercises to solve real-life problems.

MAGTUG Seminar:

Stormwater Mapping at the Local Level (open to the public)

1:30 - 4:30

Laurel Hall, Room 320

- 1:30 **Introduction**
- 1:45 **Mapping Being Considered for Draft Municipal Stormwater Regulation Program**
Kyra Hoffmann, NJ Department of Environmental Protection
- 2:30 **Using GIS to Support Stormwater GIS Development**
Jon Sinker, JMT Technology Group
- 3:15 **Hamilton Township, New Jersey Stormwater Control Maintenance System Using GIS**
& **GIS Applications to Stormwater Management for Local Municipalities in the Pittsburgh, Pennsylvania Area**
Simon Lewis & Brian Berdel, McMahon & Associates

For more information and registration go to: <http://www.co.burlington.nj.us/gisdayatrcbc>