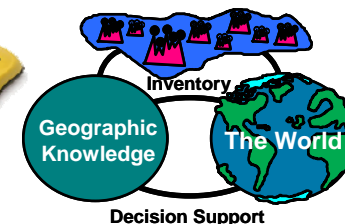




Join us In Celebrating GIS Day! GIS Day at Burlington County College, **December 5, 2012**



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 the history of GIS, how it is being used in our area to assist college students to navigate around campus, teach high school students, conduct sidewalk inventories, map our world through remote sensing and much more!

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. Maps submission deadline is December 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 Burlington County College

Date:	Wednesday, December 5, 2012	
Time:	9:00-4:30	Map Gallery
	9:00 am – 12:00 pm	Speakers
	12:00 pm – 1:00 pm	Lunch
	1:00 pm – 2:15 pm	GPS Outdoor Field Activity
	1:30 pm – 4:30 pm	MAGTUG meeting
	2:30 pm – 4:30 pm	Hands-on GIS Lab Exercise
Location:	Burlington County College 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 and GPS applications across various industries. The afternoon will include the MAGTUG (Mid-Atlantic Geospatial Transportation Users Group, www.magtug.wordpress.com) fall meeting focusing on LiDAR, 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 BCC's Geospatial Technologies program.

Participants can take part in activities where prizes will be awarded.

The event is free and lunch will be provided.

Seating is limited and registration is requested.



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



GIS Day

December 5, 2012

Burlington County College
Mount Laurel Campus

Final Agenda



Speaker Presentations

9:00 - 12:00

Laurel Hall, Room 320

- 9:05-9:25 **GIS in the Beginning**
Chris McClain, Brick Township MUA
- 9:30-9:50 **Shellfish Habitat Study**
Brad Smith, Richard Stockton College of NJ,
Coastal Research Center
- 9:55-10:15 **Curb Ramp Prioritization**
Jennifer Wolfram, Michael Baker Jr., Inc.
- 10:40-11:00 **Integrating Building Floor Plans & Pre-plans:
A GIS Mapping tool for Emergency Officials of the
Meadowlands District of NJ**
Dom Elefante & Stephanie Bosits, NJ
Meadowlands Commission
- 11:05-11:25 **Cherokee High School Environmental Earth
Science Students Track Road Salt**
Vic Hunt, Teacher and Students
- 11:30-12:00 **Space Finder App for Rowan University, plus
GIS Responds to Hurricane Sandy**
John Reiser, Rowan University

12:00 – 1:00 Lunch

Lunch is sponsored by

Laurel Hall, Room 320/304

Baker

JMT TECHNOLOGY GROUP

BAE SYSTEMS

GPI

Rowan University

Civil Solutions
a division of arh

MACURISA

Brought to you by:
Burlington County Board of Chosen Freeholders
Burlington County College
MAC URISA & MAGTUG

Hands-on GPS Outdoor Field Activity

1:00 – 2:15

Meet in Laurel Hall, Room 320

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

MAGTUG Meeting (open to the public)

1:30 – 4:30

Laurel Hall, Room 320

- Welcome
- **Comparing Technologies: Aerial Photography, Aerial LiDAR, & Mobile LiDAR**
Andy Pickford, BAE Systems & Mike Shillenn, Photo Science
- **Combining Aerial & Mobile LiDAR for Feature Extraction**
Srinivasan Dharmapuri, Michael Baker Jr., Inc.
- **Demo of LAS Exploitation Tools in ArcGIS 10.1**
Patrick Gahagan, Esri
- **Discussion, Q&A**
- **Close**

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.

For updates, & registration go to the website

<http://www.co.burlington.nj.us/gisdayatbcc>

