Join Us In Celebrating GIS Day!

GIS Day at
Rowan College at Burlington County,
Thursday, December 5, 2019

Assessors can receive 2.5 CEU hours!

Rowan College at BURLINGTON COUNTY

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.
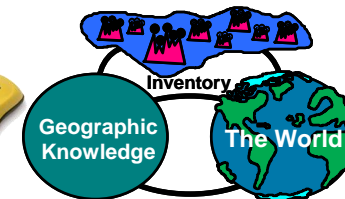
Learn how GIS & GPS are used!

GIS is used by many organizations for mapping, analysis, and decision-making. Join us to find out more about GIS applications such as:

drone mapping, emergency response, deer populations, cultural and heritage virtual tours, public safety, geo-mentoring schools, digital tax maps, and using viewers to explore authoritative data provided by various entities over the web.

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 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

Inventory

Geographic Knowledge

The World

Event: GIS Day at Rowan College at Burlington County

Final Agenda

Date: **Thursday, December 5, 2019,   8:30 am – 4:30 pm**

Time:		
8:30-9:00	Morning refreshments	
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	
1:00–4:00	**MAGTUG meeting**	
1:15–2:00	Camden's Digital Tax Map Transformation	

GIS Labs: Demonstrations and Hands-on "Try It Yourself"

2:15-3:00	Farmland Assessment Using Online Apps	
3:10–4:00	Exploring Online GIS Data Viewer Apps	

Location: Rowan College at Burlington County
900 College Circle, 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 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

GIS Day

Thursday, December 5, 2019
Rowan College at Burlington County, Mount Laurel Campus
Final Agenda

Votta Hall, Auditorium

8:30 - 9:00	**Morning refreshments**
8:30-12:00	**Feature Challenge & Map Contest:** *votes collected at 12 & winners announced at 12:45 (Lunch Room)*
9:00 - 12:00	<u>**Speaker Presentations:**</u>

> **9:05 - 9:25 GIS in Emergency Management**
> Joe Ward, Gloucester County OEM

> **9:30-9:50 Deer Population Density Data Collection Using UAS**
> Gene Huntington, Steward Green

> **9:55-10:15 ArcGIS Low Cost Approach to Collecting Preplans for Emergency Response**
> Nick DiPaolo, Mt Ephraim Fire Departmen3

> **10:15-10:40 Feature Challenge & Break**

> **10:40-11:10 Monmouth County Cultural & Heritage Virtual Tours**
> Joe Barris, Monmouth County Planning Division

> **11:10-11:35 GIS & Public Safety in City of Philadelphia**
> Kevin Thomas, City of Philadelphia

> **11:40-12:00 AAG-Esri Geomentor Program Approach: Introduction & Integration of GIS into Episcopal Academy(K-12)**
> Marlen Kokaz-Roy, Chester County

12:00 – 1:00 Lunch   Student Success Center, Room 138
Breakfast and Lunch are sponsored by

Mobile Geoscience and Remote Sensing Lab

1:00 – 4:30   Located in circle outside Technology Building
> Learn about remote sensing in Palmyra Nature Cove's traveling lab

Hands-on GPS Outdoor Field Activity

1:00 – 2:15   Meet in Science Building, Room 121
Learn about GPS and test-drive professional grade GPS units.

Camden's Digital Tax Map Transformation (presentation)

1:15 – 2:00   Technology Building, Room 208
David Kunz, Civil Solutions

GIS Lab: Demonstrations & Hands-on "Try It Yourself"

Technology Building, Room 208
2:15 – 3:00   Farmland Assessment Using Rowan University's NJ Map and Natural Resources Conservation Service's (NRCS) Web Soil Survey
3:10 – 4:00   Exploring Online GIS Data Viewers

MAGTUG Symposium: Esri's Hub and ArcGIS Enterprise

1:00 – 4:00   Votta Hall, Auditorium (open to the public)
> **Fostering Community Engagement with ArcGIS Hub**
> - Daniel Wickens & Justin Cusick, Esri
> **Bucks County's Open Data/Hub Site**
> - Andrew Heimark & Kelly Jerrom, Bucks County, PA
> **ArcGIS Enterprise: An Introduction**
> - Daniel Wickens & Justin Cusick, Esri
> **Modernizing your GIS: Planning the System…Surviving the Implementation**
> - Meghan Leavey, Monmouth County Planning Division

Brought to you by:
Burlington County Board of Chosen Freeholders
Rowan College at Burlington County
& MAGTUG

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