The newly released version of Mapping Westchester County application includes the integration of tax parcel data. Once an address has been located, users have the ability to view the address in more detail in the Tax Parcel Viewer. Options to view the property in Google and Bing Maps are also available.

New Features in Mapping Westchester County
GIS data viewing portal now includes access to tax parcel data.

- **Address match (geocoding)** functionality has been spatially improved to match the address with the corresponding tax parcel centroid. Previously, the address would be matched to its approximate location based on street address ranges. If the user defined address is not found in the MWC database, a calculated location is estimated and shown on the map.

- **Point Emergency Planning Zone module**. Users are able to search whether their address is within a specific Indian Point emergency planning zone and to identify the closest emergency bus stop and designated reception center.

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For more information on these new features and other MWC components, contact Xiaobo Cui at xxc1@westchestergov.com.
County GIS staff supports digital mapping and geographic database development for the County’s E911 system which provides primary emergency dispatch to 47 fire departments and 23 emergency medical services (EMS) agencies throughout the county.

This work will ensure spatial consistency amongst all mapping applications and eliminate the unnecessary maintenance of two separate road datasets. As currently being implemented, the current data maintenance environment will include GeoMedia v6.1 (Map Editor), which handles ESRI GIS files and predicate database structure, allowing CAD files to be associated with GIS-accurate centers. Five days of in-house software training were provided by GeoMedia to seven County employees involved in supporting ECC systems.

Conflation is now in its final phase with GIS and DES staff reviewing data recently submitted by Bowen Management Systems and making final recommendations regarding attribute values. Project completion is anticipated by the end of the year.

GIS staff is also working with Fountains Spatial (Schenectady, NY) to migrate the County’s existing All-Hazard (All-Haz) application to ArcGIS 10. All-Haz consists of three modules: All-Haz Viewer, All-Haz Flood and All-Haz Indian Point Emergency GIS (IPEG). The IPEG application has been used extensively since early 2005 during Indian Point emergency response and preparedness drills by DES staff. For more information, contact Ilii Tota at iat2@westchestergov.com or Connor Lynch at cgl3@westchestergov.com.

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In the Natural Sciences auditorium at Purchase College, the County’s largest-ever User Group Meeting drew over 120 participants and vendors to a full day of presentations, posters, networking, covering issues from public safety, the environment, and GIS to the media.

Sponsor presentations covered www.ArcGIS.com (ESRI), the County’s recent oblique imagery acquisition (Pictometry), LIDAR data compression (LizardTech), latest Global Positioning System technology (Waypoint Technology Group), Mobile GIS (Bergmann Associates), GIS for Infrastructure Design (Parsons Brinckerhoff Americas), and tax parcel mapping (Bowen Management Systems). Eric Steimanegel, Westchester County Health Department and Denise Knaust, City of Peekskill, both won door prizes.

Several of these presentations are posted on ftp://ftp.westchestergov.com, along with two “lunch and learn” sessions which were led by County GIS staff. The first session served as an introduction to accessing and using the County’s public facing map server—the other focused on using the free ArcGIS extension for AutoCAD. Downloads and other information on this subject matter is available on the GIS web site. Contact Deb Parker at dape@westchestergov.com for information on accessing the flyer for the auction and ongoing GIS-related projects.

The Westchester GIS 2012 User Group meeting was held on May 17 hosted by Purchase College. Dr. Paul Ryan, Assistant Professor of Environmental Studies, opened the meeting in the Natural Sciences building by welcoming attendees to the Purchase campus. The meeting was well attended and was supported by a number of regional geospatial firms and businesses.

The event drew Westchester County-based planners, engineers, analysts, health inspectors, cartographers, assessors, technicians, curators, students, architects, fire captains, administrators, civic volunteers, GIS professionals, and educators. Also attending were GIS vendors and service providers from across New York State. The schedule included presentations on wide-ranging geospatial subjects from municipal projects, mobile mapping, advancements in GIS software and hardware, and criminal justice system mapping. There was also a map gallery in the lobby where vendors demonstrated products and services.

Local users including the Westchester Land Trust, the Journal News, and Village of Tuckahoe showcased current projects. Barry Nocia, OEM/EMS Coordinator for the City of New Rochelle’s Fire Department, illustrated how critical site-specific mapping information is shared to emergency response data terminals for emergency response. Chris Gomez, Planning Commissioner, Village of Port Chester Planning and Development Department, illustrated build-out and suitability analysis and other village projects based on ESRI and Google Earth tools.

In October, Westchester County GIS released a Request for Proposals (RFP) for high-resolution aerial photography, orthophotos, and an update of countywide planimetric datasets (buildings, edge-of-snow, etc.). The authorized 1’x100’ scale basemap, first developed in 2000, and last updated from Spring 2004 photography. New imagery is anticipated to be captured in Spring 2013.

The County is also working on an extension to its contract with Pictometry for additional products and services, and support. New products are expected to include a Change Analysis tool for comparing images from different dates. Pictometry Online, providing access to the County’s 2010-2011 imagery and Pictometry toolsets via the web, and custom tools for assessors.

Homeowner Website Award

Westchester County recently won a prestigious Award of Excellence from the National Association for County Community and Economic Development (NACCED) for the county’s HomeseekerWeb site (www.westchestergov.com/home search). The site, which provides tools for affordable housing seekers, was featured at the Westchester County GIS User Group meeting. The site provides access to the County’s 2010-2011 imagery and Pictometry toolsets via the web and custom tools for assessors.

GIS at Teatown

On Oct. 4, Westchester County GIS staff offered an overview of different GIS “viewing” software, package inspection, and viewing application reservations. More than a dozen members of ELLA (Environmental Leaders Learning Alliance) representing several northern Westchester municipalities received introductory training on the use of GeoPDF (http://www.teerragotech.com).

ArcGIS.com software products Viewing GeoPDFs requires no GIS software (only Adobe Acrobat Reader), while the ArcGIS.com product is the new ESRI “cloud” viewing software available over the internet. Those in attendance reviewed GeoPDF files of their municipality containing many Westchester County GIS datasets. For more information contact cgl3@westchestergov.com.

2012 GIS User Group Meeting

Over 120 attend meeting on Purchase College Campus

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Basemap & Pictometry Updates

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