

Center for GIS at Towson University

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Product
EMMA

Web site
<http://www.towson.edu/map>



Identify...Visualize...Analyze

Emergency Management Mapping Application

EMMA, the Emergency Management Mapping Application, gives emergency management personnel powerful tools for accessing, analyzing, and collating large volumes of data from static and real-time sources into an intelligent map—a common operating picture.

The Center for GIS at Towson University (CGIS) created EMMA as a secure, content- and tool-rich Web-based mapping application for emergency personnel at all levels of government.

With a standard Web browser, authorized users can:

- Identify incident locations from the field using GPS data, a street address, or a point identified on a map.
- Generate location-specific reports that answer questions like Where are the nearest police and fire stations, schools, and hospitals? What are the weather and traffic conditions?
- Visualize incident locations via a map, which can include real-time location data that tracks people or vehicles as they move, or the availability of hospital beds as hospital status changes.

EMMA is interoperable with incident management software and other GIS software. Information from multiple sources can be analyzed and shared across regional boundaries and among multiple disciplines.

For more information about EMMA and related interoperability efforts in Maryland, please visit <http://www.cgis.towson.edu> and the Maryland Mapping Resource Guide at <http://www.MarylandGIS.net>.

