

# NAPHIT Health IT Projects Compilation

## Geographic Information Systems (GIS)

The articles summarized in this document represent current public health IT projects that use geographic information systems (GIS) to support public health. NAPHIT compiles this list for its members from articles or information provided through third party entities. NAPHIT does not take credit for published articles, nor does it guarantee the accuracy of information provided by third party entities.

**Volusia Community Health Department Uses Mobile Technology and GIS for Inspections** (June 2006 NAPHIT Webinar Presentation). Regina Harris of the Volusia Community Health Department (Florida) discusses how the department uses mobile technology and GIS to conduct health department inspections of restaurants, wells, drinking water supplies, swimming pools, and others. See the presentation:

[http://www.naphit.org/global/library/webinars/webinars\\_06/062106/MobilePresentation\\_Volusia\\_Cty.ppt](http://www.naphit.org/global/library/webinars/webinars_06/062106/MobilePresentation_Volusia_Cty.ppt)

**Implementing an Enterprise GIS in South Carolina.** The South Carolina Department of Health and Environmental Control implemented an award-winning enterprise-wide GIS. Visit [http://www.scdhec.gov/co/phsis/biostatistics/presentations/CDC\\_ATSDR\\_files/frame.htm](http://www.scdhec.gov/co/phsis/biostatistics/presentations/CDC_ATSDR_files/frame.htm) to view the presentation about this system. This web page also has several other GIS power point presentations: <http://www.scdhec.gov/co/phsis/biostatistics/index.asp?page=award>.

**Mobile GIS used by North Carolina Public Health to Support Florida Following Hurricane Wilma** (February 2006) The North Carolina Office of Public Health Preparedness and Response (NC PHP&R) responded to a request for help by the Centers for Disease Control and Prevention (CDC) to help with a rapid needs assessment in Florida following the disaster wrought by Hurricane Wilma. North Carolina's PHP&R responded by deploying mobile GIS solution to collect health needs information, collecting and submitting to CDC all requested geodata within three days—a process that was sped up tremendously from previous collection efforts that relied on pen and paper data collection, followed by manual data entry. Read the full story in Government Technology:

<http://www.govtech.net/govcenter/solcenter/index.php?id=98524>

To submit articles for this document, please send an email to Ginny Hare DeCuir at [ghare@naphit.org](mailto:ghare@naphit.org).