

**Software Technologies Distinguished Lecture Series 2008/2009**

**Florida Gulf Coast University**

**Holmes Hall 224**

**March 18, 2009, 6:00-7:00pm**

**Michael Coles, Regional Manager, GIS**

**WilsonMiller, Naples, Florida**

**GIS – Geographic Information Systems and Their Application at WilsonMiller**

***Abstract.*** Geographic Information Systems (GIS) have become a critical business tool for many organizations. Whether public or private planning, transportation or utilities infrastructure, public safety, education, real estate, or banking, GIS foster better communications, models real work systems, help visualize spatial relationships and help solve complex spatial problems. This presentation will review how WilsonMiller has implemented GIS technology across numerous projects and applications to facilitate better decision making and increased organizational efficiency in support of a profitable business practice.

***Speaker's Bio.*** Mr. Coles is the Manager for WilsonMiller's Geographic Information Systems (GIS) team offering experience throughout Florida in GIS design and implementation of ArcGIS software and Geodatabases. He has a Masters Degree in Urban Planning, is a GIS Certified Professional, and offers nearly 10 years of experience in the field. He is proficient in the use of ArcGIS Desktop and extensions, ArcIMS, and ArcGIS Server. Mr. Coles offers specific GIS skills and experience in Utilities GIS development, land development and community planning, education planning and facilities management, and security, law enforcement, and emergency response. He also has experience in information technology implementation, GIS systems architecture, and real estate market research.