

Spring 2009

MIUS News: Maps and Imagery User Services @ FIU Green Library: Vol. 2, Issue 2 Spring 2009

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Recommended Citation

Krefft, Jill V., "MIUS News: Maps and Imagery User Services @ FIU Green Library: Vol. 2, Issue 2 Spring 2009" (2009). *MIUS News*.
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MIUS Acquires Historical Coastal Map & Imagery Collection

The Green Library has acquired a remarkable historical record of the Eastern United States coastal areas. Thanks to the generous donation from Dr. Stephen Leatherman, Director of the International Hurricane Research Center (IHRC), MIUS will house this collection of aerial photographs, maps and eventually provide cataloging records of them in the MIUS data search engine. This collection contains maps dating as far back as the 1850s, that will be helpful in understanding the changes taking place on U.S. coasts today.



The **Stephen Leatherman Coastal Collection** enriches the printed map collection and assists MIUS in achieving its collection development goal focused on coverage of coastal and environmentally sensitive areas.

The collection is in print only and can be accessed in GL 273. For more information, please contact MIUS at 305.348.0150.

Other Resource News

Dominican Republic Topographic Maps

A collection of over 200 print topographic and other maps of the Dominican Republic from the University of Florida have been added. This collection includes 1:50,000 topographic sheets printed by the Army Map Service from 1962, in addition to 1:250,000 thematic maps including population, transportation, and vegetation.

LandSAT Archival Imagery

MIUS is now hosting LandSAT 5 and 7 archived imagery for South Florida (WRS 015 042) scene. All imagery data can be accessed and downloaded from the MIUS computer workstations in GL 273. These are all selected 90+% cloud-free imagery dating from 1983 to 2008. Value added imagery, such as stacked, atmospherically corrected images along with the raw data will be incorporated in the MIUS data search for ftp purposes. Additional archived LandSAT data is available at landsat.usgs.gov.

Federal Depository Maps Now Housed in MIUS

The Federal Depository maps once housed in the Government Documents Department in Green Library have been moved to Maps & Imagery Services in GL273. The U.S. Government's Depository Library Program supplies these maps and other government documents from many different agencies, including the U.S. Geological Survey, NASA, and the Central Intelligence Agency.

In addition to having many of the most up to date maps, there are also many maps in the collection with historical importance that are not readily available online or from other resources.

Most maps are available for 3 day loan periods and can be searched using the library's catalog, available at library.fiu.edu.

The collection includes geological, topographical, nautical, and other valuable thematic maps for local Florida areas to the international level.



MIUS Host's Annual GIS Day

MIUS hosted the GIS Center's Annual GIS Day on Friday March 6, 2009. The full day event showcased faculty research at FIU as well as other research in South Florida. In addition, students were encouraged to submit posters to highlight their research in GIS and Remote Sensing. It was a wonderful day packed with enthusiastic participants and lively discussion. Each session was well attended by a variety of participants and served as a

platform for discussion among faculty and students.

There were three main events that took place during the day. The first was the faculty forum. Nine presenters from various departments at FIU, as well as several members of the South Florida community presented their research. Presenters included South Florida Water Management, University of Florida Geoinformatics Department and the Everglades

Foundation. Speakers from FIU came from a variety of disciplines including Earth Sciences, Public Health, International Relations, Civil Engineering, and Sociology and Anthropology.

In addition, students and faculty participated in the poster presentation and the Map I.D. Game.

Visit gislab.fiu.edu/gisday for details on presenters and other events.

Google Earth Bathymetric Data

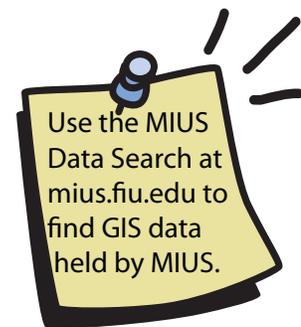


The blue expanses seen on Google Earth up until now have been a low resolution shading that suggested some differences in the depth. Google Earth has now added a much more detailed bathymet-

ric map that allows the user to drop below ocean level and explore the seafloor in 3D.

Google Earth has also added additional historical imagery, 3D Mars, and an enhanced touring feature that allows users to "tour" various layers.

MIUS workstations are equipped with the latest version of Google Earth Pro, a more advanced version of Google Earth.



A Reminder...

FIU Libraries are committed to providing library instruction to students and faculty to help build their information literacy skills. MIUS provides a number of information literacy and GIS training opportunities for students in the form of workshops, customized class sessions, and informal education through exhibitions and lectures. ESRI Virtual Campus courses are also available at no charge for students and faculty as another learning resource. Always make sure to check the MIUS home page for upcoming workshops and events.

ArcGIS 9.3

All computers in MIUS and the GIS Lab in GL274 have been updated with ArcGIS 9.3. To learn more about the updated features in ArcGIS 9.3 visit mius.fiu.edu.