Category 3: 2012 NSDI Cooperative Agreements ProgramDate: February 1st, 2013
Agreement Number: G12AC20130
Project title: Expanding Use of the GIS Inventory System
Interim report
Organization: Miami-Dade County, 5680 SW 87th Avenue, Miami, FL, 33173,
http://gis.miamidade.gov

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Collaborating Organizations:

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2) Water and Sewer Department, Jose L. Lopez, Computer Services Manager, jll@miamidade.gov
3) GIS Planning and Zoning, Computer Services Manager, Ileana J. Cea, 111 NW 1st Street, Miami, FL 33128, icm@miamidade.gov
4) GIS Environmental Solutions, Computer Services Manager, Charlton Lewis, 701 NW 1st Court, Miami, FL. 33136, lewisc@miamidade.gov
5) City of Doral, Rafael Alpízar, IT Director, 8300 NW 53rd Street, Doral, Miami, 33165
6) City of South Miami, Hector Mirabile and Carmen V. Baker, City Manager and Chief Coordinating Officer, 6130 Sunset Drive, South Miami, FL, 33143.
7) Miami-Dade GIS Users Group, Chair, Josh Brashears, 5680 SW 87th Avenue, Miami, FL. 33173, brashj@miamidade.gov
8) South Florida Regional Planning Council, Director of Preparedness Programs, Manuel Cela, celam@sfrpc.com
9) State of Florida, Division of Emergency Management, GIS Administrator, Richard Butgereit, richard.butgereit@em.myflorida.com

Executive Summary

The creation of new metadata is the first priority for this project. The first phase includes the metadata creation for the GIS layers that are available for public access and the second phase will include the restricted ones. Up to February 2013, of the initial 130 layers without metadata, a total of 22 layers have been documented. Project staff received training in the usage of the gisinventory.net. There were 17 layers manually entered in Ramona. A web folder with XML metadata files was created for the automatic harvesting of the metadata files. After finishing the testing of the automatic harvesting tool, we plan to have all our public access metadata available in Ramona (gisinventory.net). The abstract for the paper for the ESRI Users Conference was submitted and accepted for the 2013 conference in San Diego, CA. In the upcoming months we plan to register the selected GIS managers in the Ramona system. We also plan to train them in the usage of the Ramona system. During this period, we coordinated with our budget specialists the administrative and time tracking activities related to this grant. The project started on August 2012. By the end of the project year, January 2014, we plan to have all Public Access layers

with metadata registered on the system. Overall, "Expanding the Use of the GIS inventory" is making good progress in Miami-Dade County.

Project Narrative
This project includes two main areas. The first one is the internal inventory in Miami-Dade County of the existing GIS metadata for its further creation when needed, and the second one is the registration in the GIS Inventory System, gisinventory.net, also known as Ramona, of the GIS managers in Miami-Dade County.
The main goal of the project is focused on the metadata creation for the datasets that are lacking it. The participation in this project will help establish a national entry point for accessing Miami-Dade County data. Additionally, Miami-Dade departments, community agencies, and local government entities, including many of the 35 municipal governments in the County, will be able to have access to national data.

List of Miami-Dade County GIS managers to be registered in the GIS Inventory System:

1) Mary Fuentes, Director, Information Technology Department, Enterprise Solutions, mmh@miamidade.gov
2) Martha Guerra, Systems Support Manager, GIS Technical Support, mrg@miamidade.gov
3) Patti Madrid, Computer Services Manager, GIS Solutions, apm@miamidade.gov
4) Charlton Lewis, Computer Services Manager, GIS Environmental Solutions lewisc@miamidade.gov
5) Ileana Cea, Computer Services Manager, GIS Planning and Zoning, icm@miamidade.gov
6) Jose L. Lopez, Computer Services Manager, GIS Water and Sewer, jll@miamidade.gov

List of current entries in the GIS Inventory:

Note: These datasets were manually entered. In the upcoming months, we plan to upload all the Public Access datasets containing metadata using the FGDC harvesting tool.

Category	Status	Year	Description
Cities, Towns and Villages	In work	2012	Miami-Dade Municipalities
Parcels and Land Ownership	In work	2012	Parcel boundaries
Parcels and Land Ownership	Complete	2012	Parcel boundaries with assessment data
Parcels and Land Ownership	Complete	2012	Parcel centroids, including condominium data with assessment data.
Child Day Care Centers	Complete	2012	Day Care Centers
Child Day Care Centers	Complete	2012	Child Day Cares as provided by the Department of Children and Family in Miami-Dade - points

Category	Status	Year	Description
Bus Stops	Complete	2012	Point Feature Class of Miami-Dade County Bus Stops
Assisted Living Facilities	Complete	2012	Adult Care Facilities
Flood Zones	Complete	2012	Flood Zone Areas
Flood Zones	Complete	2012	FEMA Panels
Assisted Living Facilities	Complete	2012	Adult Living Facilities
Hospitals	Complete	2012	Hospitals
Mental Health Facilities	Complete	2012	Mental Health Center
Ambulatory Surgical Facilities	Complete	2012	Ambulatory Surgical Centers
Hospitals	Complete	2012	Hospital Admissions
Social Services	Complete	2012	Miami-Dade Courts
Social Services	Complete	2012	Postal Offices

Next Steps:
The creation of metadata has been an ongoing effort in Miami-Dade County since the initial GIS implementation. In some cases, the lack of resources has prevented us from documenting these datasets. With the support received with this grant, we have been able to assign resources to this project. We plan to continue this initiative until we finalize all datasets maintained in our Central Data Repository. This is an effort that will continue even after the grant period finalizes.

As part of this grant we will receive training in the setup of the automatic harvesting tool. We anticipate that this is going to have a positive impact in the dissemination of our geographic information at a national level