

# Cooperative Funding Initiative — FY 2013

## Mapping & GIS Section

Southwest Florida Water Management District  
(352) 796-7211

The following is provided as guidance for cooperators wanting to participate in the District's Cooperative Funding Initiative in the area of mapping and Geographic Information Systems (GIS). The following mapping and GIS data collection activities are candidates for funding under the Cooperative Funding Initiative. Questions not addressed below should be directed to the Mapping & GIS Manager at ext. 4210.

**AERIAL TOPOGRAPHIC MAPPING:** Topographic aerial mapping projects create digital terrain models that meet current mapping standards for the Federal Emergency Management Agency (FEMA) Flood Insurance Rate Map (FIRM) program. A copy of the District's current aerial topographic mapping specifications can be obtained from the Mapping & GIS Section. Mapping costs vary widely and District staff must be contacted when developing the funding requirements for a project. All cooperative funding applications must include the following:

- Map of the proposed project area.
- Description of specific activities that the mapping will support.
- Discussion of why the existing topographic information will not meet your mapping requirements.

Priority will be given to projects that are conducted in coordination with District-funded watershed modeling activities. *Contact Al Karlin at ext. 4204 for additional information and coordination.*

**AERIAL IMAGE MAPPING:** The District does not anticipate providing funding for digital orthophotos or oblique aerial imagery in FY 2013.

**DENSIFICATION OF HORIZONTAL AND VERTICAL CONTROL NETWORKS:** The District is currently in the process of improving the North American Vertical Datum of 1988 survey control network and welcomes local partners in this effort. All control projects will be coordinated with the Department of Environmental Protection and blue booked with the National Geodetic Survey. Applications must include a project area map delineated on 1:100,000 USGS topographic maps or provided as an ArcView Shapefile. *Contact Jim Owens, PSM, at ext. 4163 for additional information and coordination.*

**OTHER GIS DATA COLLECTION:** GIS data collection activities other than aerial mapping or control densification must be regional in nature and is preferred to be applicable Districtwide. Preference will be given to projects that update or revise existing District GIS data layers such as United States Department of Agriculture Natural Resources Conservation Service Soils maps, scanning and rectification of historical aerial photographs, or National Wetland Inventory maps. *Contact the Mapping & GIS Manager at ext. 4210 for additional information and coordination.*

**GIS APPLICATION DEVELOPMENT:** This category includes the development of desktop or Internet mapping applications that provide data display, query, modeling or data download activities. Priority for GIS application development will be given to projects that directly support cooperatively funded watershed modeling activities. Applications should specifically identify projects that are supported by these activities. The District does not fund the acquisition or maintenance of GIS computer hardware or software. *Contact the Mapping & GIS Manager at ext. 4210 for additional information and coordination.*