

Attachment F

FLORIDA DEPARTMENT OF COMMUNITY AFFAIRS
DIVISION OF EMERGENCY MANAGEMENT

QUARTERLY REPORT FORM

SUBGRANTEE: Florida International University

Project Number #: 1249-0079

PROJECT LOCATION: Windstorm Simulation & Modeling

DCA ID #: 01HM-4L-13-00-05-042

DISASTER NUMBER: FEMA-DR—1249-FL

QUARTER ENDING: January 1, 2003

Percentage of Work Completed (may be confirmed by state inspectors):

55.0 %

Project Proceeding on Schedule: Yes No

Describe milestones achieved during this quarter:

All participating county contracts were finalized during this quarter. Initial LIDAR data acquisition for Miami-Dade County was completed in December 2002. The web page dedicated to the dissemination of LIDAR data was created and can be accessed through <http://gis.ihc.fiu.edu/website/lidar/viewer.htm>. This web page will allow the general public to access LIDAR data freely. In the last development period more complex and realistic building models were constructed and imported into the Virtual Terrain Project environment. More than 30 kinds of typical building models in South Florida were collected and constructed in an animated environment. Vegetation models are continually improved. Investigations regarding the difference between the real time environment and non-real time environment are on-going. The progressive morphology filtering algorithm that removes "noise" from the LIDAR data continues to be modified and improved.

Provide a schedule for the remainder of work to project completion:

This is a three-year project. A LIDAR workshop was held November 15, 2002 where the participating counties learned how to store, use, and disseminate the LIDAR data and also learn how to integrate the data into existing storm surge models. Data acquisition for Manatee County will be performed during January 2003. The computer visualization and simulation of hurricane storm surges will continue into the second and third years with major focus being placed on the SLOSH model. During the third year, completion of final reports to all participating counties will be provided.

Describe problems or circumstances affecting completion date, milestones, scope of work, and cost:

IHC requested a no cost extension of six months (until 09/30/04) be granted for the referenced contract. As a result of the 9/11 tragedies, Miami-Dade County was delayed in securing funding to participate in this project and Monroe County was forced to default on their letter of intent. Due to many bureaucratic delays, the Miami-Dade contract was finally received November 13, 2002. After a year of campaigning with all Florida coastal counties, Manatee County became the project's fourth participant, replacing Monroe County. The contract was finally received December 2, 2002. The six-month extension will ensure that the project has sufficient time to achieve its stated objectives thereby developing a more effective final product.

Cost Status: Cost Unchanged Under Budget Over Budget

Additional Comments/Elaboration:

There are no comments at this time.

NOTE: Department of Community Affairs (DCA) staff may perform interim inspections and/or audits at any time. Events may occur between quarterly reports which have significant impact upon your project(s), such as anticipated overruns, changes in scope of work, etc. Please contact DCA as soon as these conditions become known, otherwise you may be found non-compliant with your subgrant award.

Name and Phone Number of Person Completing This Form: Carolyn Anderson (305) 348- 6057