

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: April 1, 2003

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

57.0 %

Project Proceeding on Schedule: Yes No

Describe milestones achieved during this quarter:

Due to technical problems with the laser and issues with the United States customs, data acquisition for the remaining counties was not performed during this quarter. A working meeting was held in March to discuss project activities and outline strategies to complete work during the final project year. The evaluation of storm surge models continues and includes: SLOSH, ADCIRC, EFDC/HEM3D, and UnTRIM. Research for an animated storm surge environment is ongoing. System architecture presently includes processing, construction of 3D elements extracted from the LIDAR data and automatic animation. A virtual component is currently being developed to provide greater detail to the animated environment.

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

This is a three-year project. Data acquisition for Manatee County and the remainder of Miami-Dade County will be performed during Summer and Fall 2003 (timing will depend on the return of the laser). A project web page will be developed and posted for public outreach and education. The evaluation of storm surge models and the computer visualization and simulation of hurricane storm surges will continue into the third year. Final reports will be provided to all participating counties.

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

During the Miami-Dade County December 2002 data collect, the LIDAR system experienced mechanical difficulties and data acquisition was stopped prematurely. After two weeks of troubleshooting, the system was shipped back to the manufacturer in Canada for repairs. The system was then redelivered to the United States in the beginning of March 2003 where it was detained by customs in Orlando due to problems with the export license. The State Department is currently reviewing the case and our customs broker at Kuhne & Nagel has been contacted. To date, the system is still in the custody of the State Department and no additional information has been provided. In addition, the IHC recently became aware of a new high resolution storm surge model (UnTRIM, Trento University, Italy) that was just made available. More time may be needed to research this model in greater detail.

Cost Status: Cost Unchanged

Under Budget

Over Budget

Additional Comments/Elaboration:

The IHC requested a no cost extension of six months (until 09/30/04) for the project on December 6, 2002 and March 26, 2002.

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