

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, 2002

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

20.0 %

Project Proceeding on Schedule:  Yes  No

Describe milestones achieved during this quarter:

Interim reports were delivered to both Broward and Palm Beach Counties indicating acquisition parameters, error analysis, and results of preliminary testing. LIDAR data collected for both counties continues to be processed. The IHC is working closely with Miami-Dade County, discussing issues surrounding data storage, quality assurance, distribution, and the accuracy of LIDAR data sets. Development of procedural building models, vegetation and water animation have been undertaken, enhancing the simulation of storm surge. Research into improving data-filtering algorithms is also on going.

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

This is a three-year project. Remaining activities will include the completion of processing and the construction of 30 m DEMS for both Palm Beach and Broward Counties. Upon reaching a contract agreement, data acquisition for Miami-Dade County will be performed during Spring 2002. A 30 m DEM based on filtering will be provided, and research regarding improvements of storm surge models will continue. The computer visualization and simulation of hurricane storm surge will continue into the second year. During the third year, completion of final reports to all participating counties will be provided. The IHC will also provide training support to the emergency management offices and promote public awareness and education.

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

Due to the events on September 11, 2001 and the effects on the local economy thereafter, Monroe County has postponed their participation in this project for another year. This postponement will not affect the project nor its major milestones.

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- 1607