

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: October 1, 2001

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

10.0 %

Project Proceeding on Schedule:  Yes  No

Describe milestones achieved during this quarter:

Data acquisition for Palm Beach and Broward Counties was completed between July 13-17 and August 6-7 2001. Each deployment typically took 4-5 hours during which GPS data was continuously recorded on both the aircraft and on the 2-3 stations on the ground. A preliminary error analysis was then performed. Review of initial data sets did not identify any foreseeable problems with further analysis and revealed data of excellent quality. The IHC continues to work closely with Miami-Dade and Monroe Counties to determine priority areas and funding issues related to the project. Data acquisition for the remaining counties will be performed in the Winter 2002. Tools and software have been evaluated for the use in the storm surge animation environment. A preliminary virtual terrain environment that can simulate areas before and after flooding occurs was also created using the Broward County data set.

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

This is a three year project. During the first year, initial data analysis for Palm Beach, Broward, Miami-Dade, and Monroe Counties will be performed. Completion of processing, terrain filtering, error analysis, and the construction of 30 m DEMS are remaining tasks for both Palm Beach and Broward Counties. Data acquisition for Miami-Dade and Monroe Counties will be performed during winter 2002. 30 m DEM based on filtering will be provided and research into the improvement of the SLOSH models will be initiated. The computer visualization and simulation of hurricane storm surge will be undertaken during 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:

Subject areas for both Miami-Dade and Monroe Counties will be increased to offset the loss of matching funds encountered when Lee County failed to participate in the project. Exact increase of acreage is unknown due to pending contracts; however, the increase of subject areas for these counties will not affect the overall scope of work or cost of the project.

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