

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, 2002

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

35.0 %

Project Proceeding on Schedule: Yes No

Describe milestones achieved during this quarter:

LIDAR data collected for both Palm Beach and Broward Counties are in the final stages of processing. The ability to create a virtual terrain environment using the Broward County dataset to create a virtual terrain with buildings, oceans, intercostals waterways, vegetation, and animated flooding has been demonstrated. The development of an improved morphological filtering algorithm for the LIDAR dataset continues. Contract negotiations continue with Miami-Dade and Martin Counties.

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 and 1.5 m DEMS for both Palm Beach and Broward Counties. A workshop will be held during Summer 2002 where the participating counties can learn how to store, use, and disseminate the LIDAR data and also learn how to integrate the data into existing storm surge models. Upon reaching a contract agreement, data acquisition for Miami-Dade and Martin Counties will be performed during Summer 2002. The computer visualization and simulation of hurricane storm surges will continue into the second year. 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:

A modification of contract request was sent to the FL DCA on March 8, 2002 in regards to subcontracting to the College of William & Mary, Virginia Institute of Marine Sciences (VIMS). This subcontract would allow the IHC to further evaluate storm surge models for direct application to Florida, as indicated in the contract agreement. This modification of contract would not require additional funds nor change the completion date 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