

Preserving the Past, Protecting the Present and Preparing for the Future

DMS Assists Clients To:

▼ Plan

- Hazard Mitigation
- Post Disaster Redevelopment
- Master Disaster Recovery Management Plan

▼ Respond

- Scope Development
- Development of Project Worksheets
- Immediate Needs Funding
- Cash Flow Management

▼ Recover

- Navigate the Complex Process of Disaster Recovery
- Maximize Funding Opportunities (e.g. FEMA, insurance, grants)

▼ Mitigate

- Reduce the Impact of Damages in Advance of Future Disasters
- Minimize Expenses as a Result of Damages From Future Events



Flood or Storm Surge Impacts

- ▶ **Essential and Sensitive Documents**
- ▶ **Cultural Resources**
- ▶ **Electrical Equipment**
- ▶ **Structures and Contents**



Essential and Sensitive Documents

▶ Protect:

- Floodproof – elevate, encapsulate
- Digital copies
- Off site back-up

▶ Restore:

- Refrigerate
- Remediate
- Photocopy and discard originals
- Protect sensitive information



Cultural Resources

- ▶ **Protect:**
 - Floodproof – elevate
 - Move to safe location
- ▶ **Restore:**
 - Air dry
 - Freeze
 - On-site dehumidification
 - Vacuum dry
 - Vacuum freeze dry



Electrical Equipment

- ▶ **Protect:**

- Floodproof – elevate

- ▶ **Restore:**

- Rinsing
- Routine Brushing
- Draining and drying are insufficient



Structures and Contents

▶ **Protect:**

- **Floodproof – elevate, relocate**

▶ **Restore:**

- **Carpet – wet vacuum, dehumidifier, fans**
- **Ceiling Tiles – discard and replace**
- **Concrete block – wet vacuum, fans – remove/demolish**
- **Insulation – discard and replace**
- **Drywall and gypsum – discard and replace**
- **Fabric – launder or discard**

LSU Schools of Medicine

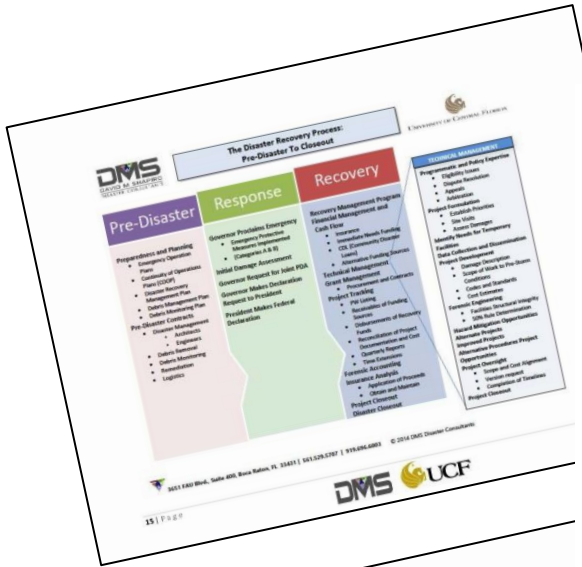
Hurricane Katrina (August 2005)

- ▼ Expedited 406 Hazard Mitigation Proposal for LSU-HSC Clinical Sciences and Research Building campus
 - Proposal - flood-proof lesser-value components remaining on lower floors
- ▼ New 7 story elevated building, upgraded emergency power generating system and equipment, relocation of existing critical equipment from lower floors
- ▼ Provided supporting documentation to FEMA



Total Funding: \$24 million

DMS is actively engaged at UCF writing the University's Master Disaster Recovery Management Plan



University of Central Florida

Master Disaster Recovery Management Plan

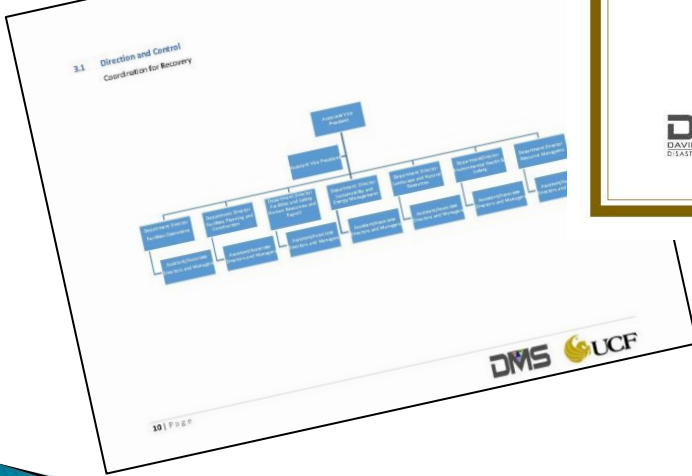
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DMS UCF



1.0 INTRODUCTION

The University of Central Florida (UCF) Master Disaster Recovery Management Plan (MDRMP) provides a procedural framework for facilities and safety to proactively manage disaster response and short and long term recovery efforts.

Following a disaster or catastrophic event, UCF will attempt to return the University campus to its normal condition and long term recovery activities. These activities consist of a wide range of activities that will likely include, damage assessment, implementation of emergency protective measures, debris management and monitoring, restoration of essential services and utilities, and mitigation resources to prevent future disaster damage.

Purpose

The MDRMP is an operational response and recovery plan that supports UCF's existing emergency management plans and policies. Implementation of the MDRMP will be supported by the following:

- UCF Main Campus
- Florida Interactive Entertainment Academy
- Florida Solar Energy Center
- Rollins College of Hospitality Management
- Rollins School of Biomedical Health Sciences Campus at Lake Nona
- Executive Development Center (Phase II)

This MDRMP will be implemented by Facilities and Safety Department:

- Facilities Planning and Construction
- Facilities Safety Human Resources and Payroll Office
- Facilities Operations
- Sustainability and Energy Management
- Landscaping and Natural Resources
- Environmental Health & Safety
- Resource Management

Throughout this document, references to departments will pertain to these departments within Facilities and Safety.

1.2 Situation Overview

The UCF campus facilities, infrastructure and operations are vulnerable to natural, human induced and technological hazards that could become disasters. Based on the Orange County Local Mitigation Strategy Hazard Analysis, the UCF campuses are prone to damage and threats from the following hazards:

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