

Emergency Management Institute

10th Annual FEMA EM HiEd Conference



FEMA

Higher Education Project Overview

The Good, The Bad and The Ugly

B. Wayne Blanchard, Ph.D., CEM

(301) 447-1262, wayne.blanchard@dhs.gov

<http://training.fema.gov/EMIWeb/edu>

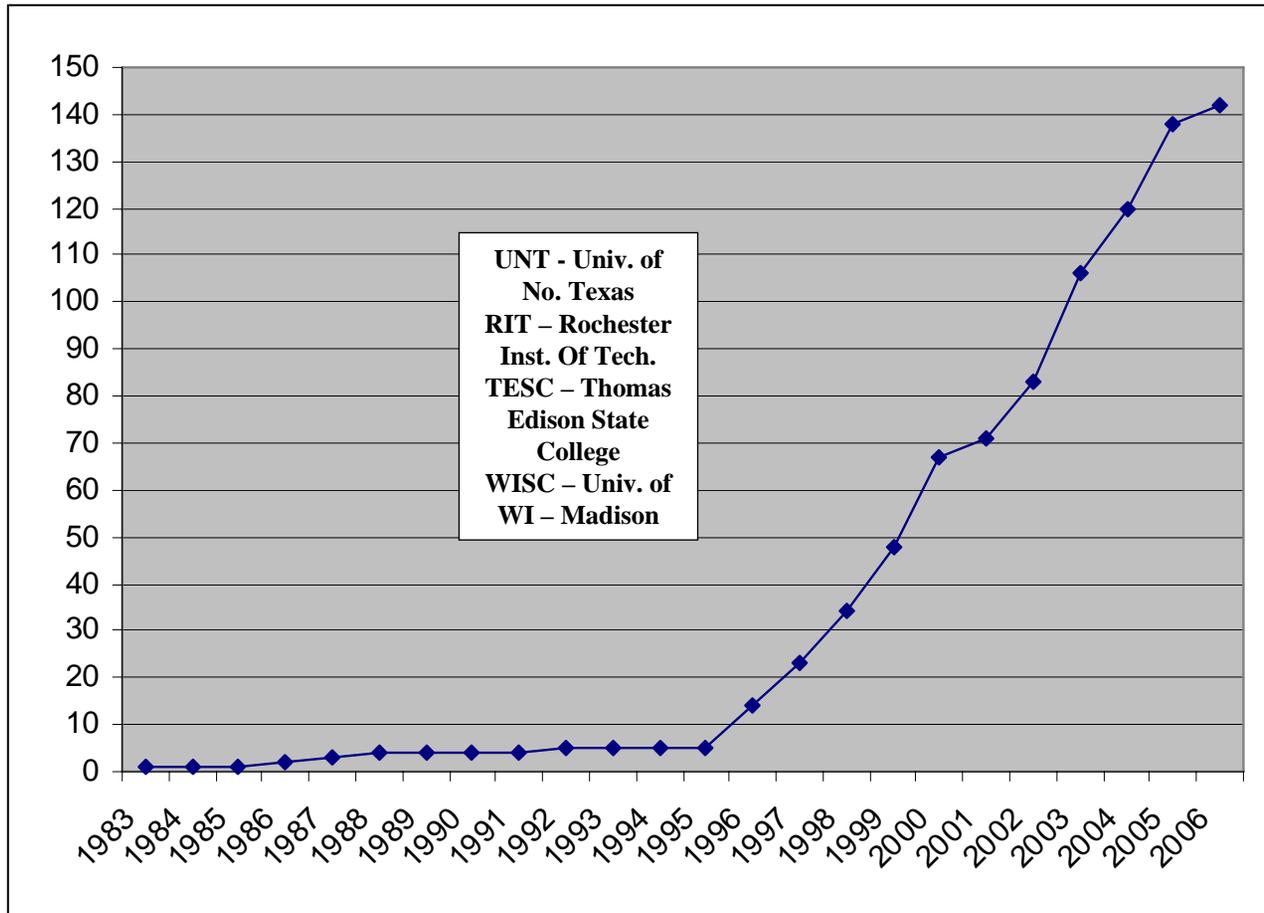
EM HiEd Conference 2007

- **Let's Start With Some Good Stuff**
 - **Participants**
 - **Speakers and Presenters**
 - **Moderators**
 - **Students**
 - **First Timers**

Goals: EMI Higher Education Project

- Increase **Collegiate Study** of Hazards, Disasters, & EM
- Enhance Emergency Management **Professionalism**
- Support Development of **Academic Discipline** of EM
- Greater **Collegiate Role** in EM and Disaster Reduction
- Long-Term: Contribution to **Enhanced Hazards Footing**

Emergency Management College Programs by Year



UNT--

RIT--

TESC--

Wisc--

UC--

Berk--

*Project -
Begins*

Emergency Management Collegiate Programs - 2006

- 142 College Emergency Management Programs:
 - 47 Certificates, Minors, Diplomas, Tracks, Focus
 - 35 Associate Degrees
 - 20 Bachelor Degrees
 - 34 Masters-Level Programs
 - 6 Doctoral-Level Programs
- 120 Under Investigation, Proposed or Developing:
 - 47 at Associate Level
 - 39 at Bachelor Level
 - 34 at Graduate Level

Good News:

Not Only Are Programs Growing In Number

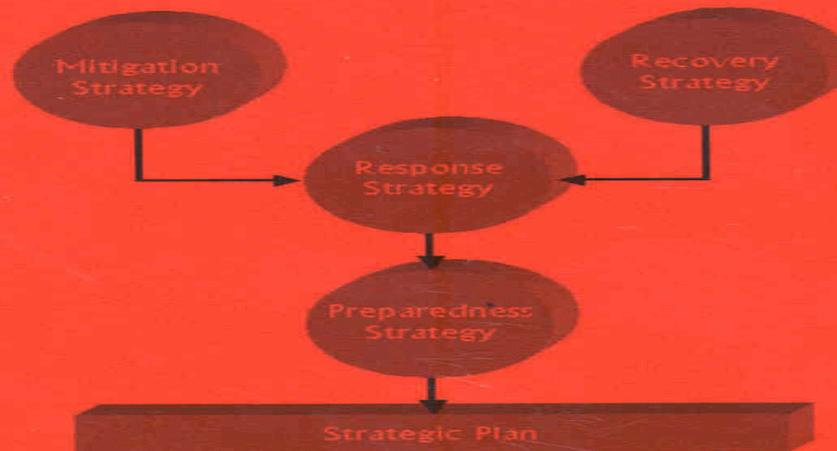
- **Programs Generally Growing In Size**
- **And Students Are Getting Jobs**
- **See Carol Cwiak Survey of Schools with EM Hi Programs Thursday**

More Good News

- Lot's of Good New Commercial Books
- New EM Hi-Ed Project Courses
- New EM Hi-Ed Project “Books”
- New EM Hi-Ed Project Materials
- New EM Hi-Ed Project Survey Reports
- Emergency Management Roundtable

EMERGENCY MANAGEMENT

Concepts and Strategies
for Effective Programs



LUCIEN G. CANTON

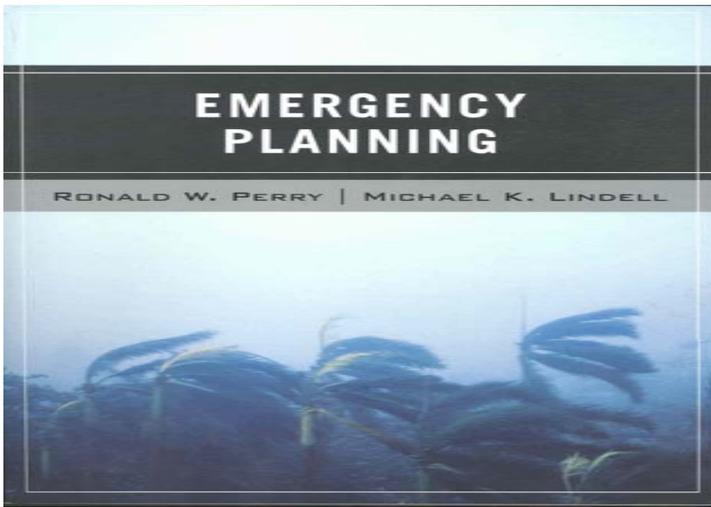
Handbooks of Sociology and Social Research

Handbook of
DISASTER
RESEARCH

Edited by
Havidán Rodríguez
Enrico L. Quarantelli
and
Russell R. Dynes

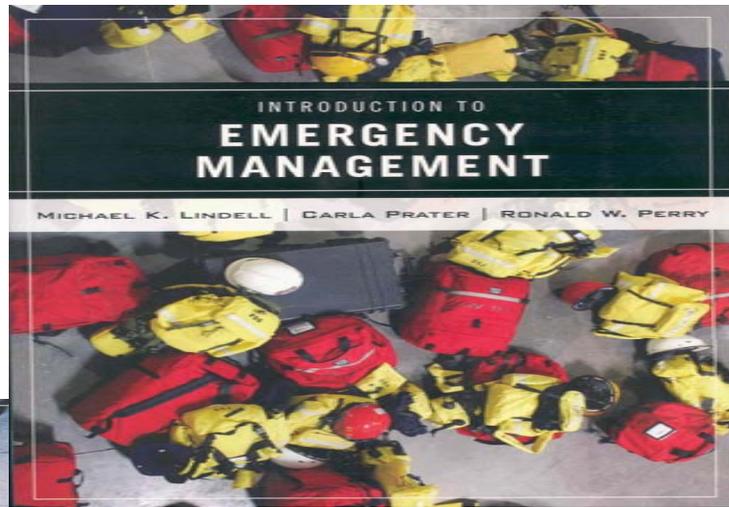


Springer



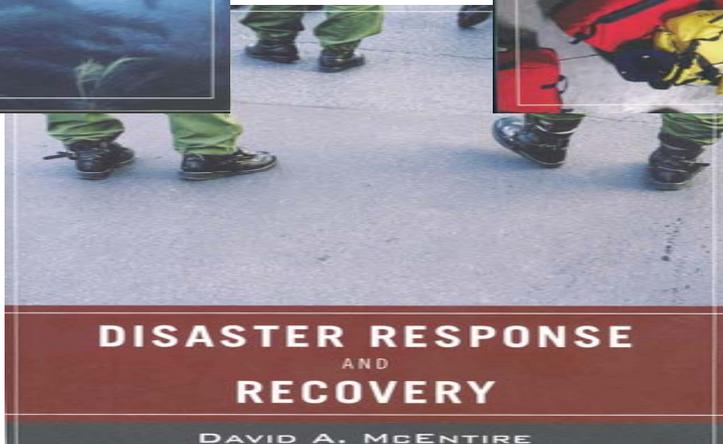
EMERGENCY PLANNING

RONALD W. PERRY | MICHAEL K. LINDELL



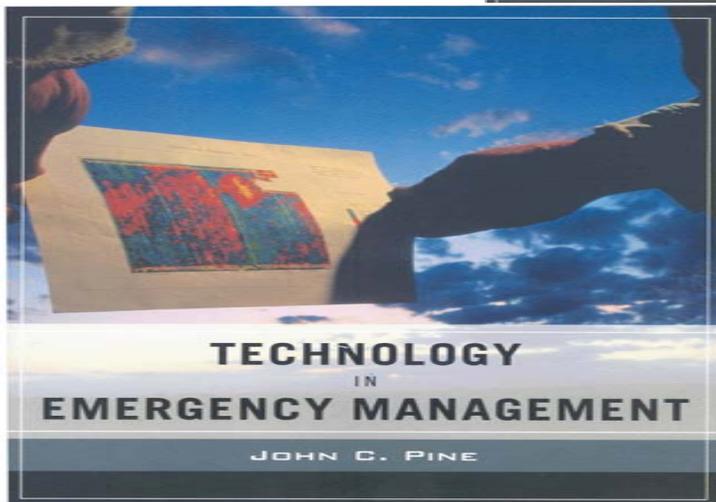
INTRODUCTION TO EMERGENCY MANAGEMENT

MICHAEL K. LINDELL | CARLA PRATER | RONALD W. PERRY



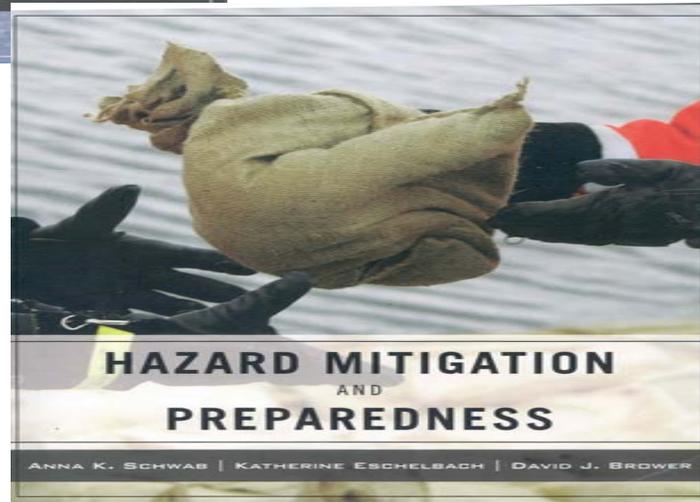
DISASTER RESPONSE AND RECOVERY

DAVID A. MCENTIRE



TECHNOLOGY IN EMERGENCY MANAGEMENT

JOHN C. PINE



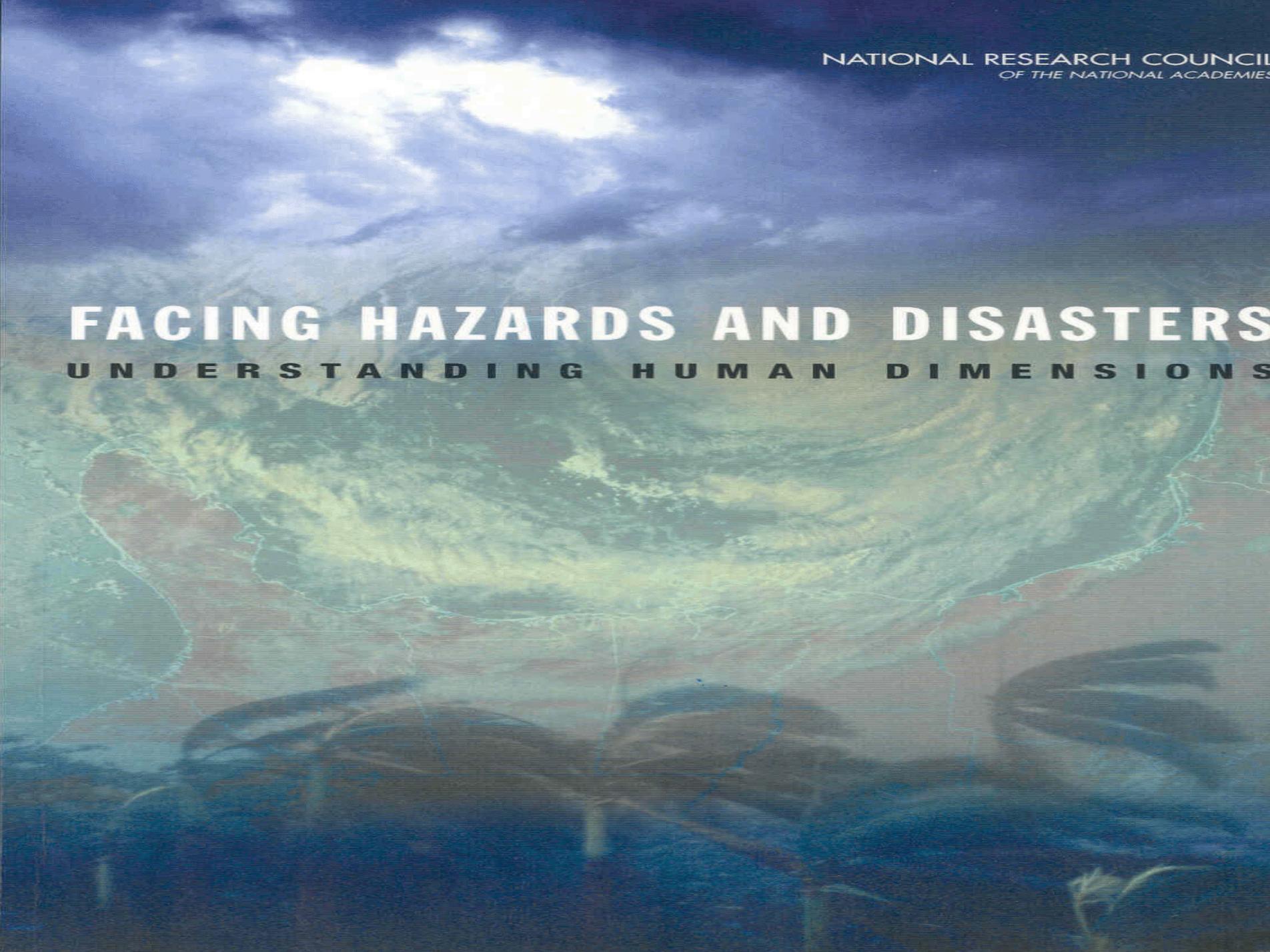
HAZARD MITIGATION AND PREPAREDNESS

ANNA K. SCHWAB | KATHERINE ESCHELBACH | DAVID J. BROWER

NATIONAL RESEARCH COUNCIL
OF THE NATIONAL ACADEMIES

FACING HAZARDS AND DISASTERS

UNDERSTANDING HUMAN DIMENSIONS



EM Hi-Ed Project Sponsored Materials

- Fundamentals of Emer. Mgmt. Textbook
- Crisis & Emer. Mgmt. Case Studies Book
- Disciplines, Disasters & EM Textbook
- Hazard Mapping & Modeling Course
- Homeland Security & Emer. Mgmt. Course
- Floodplain Mgmt. Principles/Practice Course
- Hazard & Disaster Film & Video Annotations
- Clips from FEMA Mitigation DVD

Other Material

- *The Future of Emergency Management:*
Papers from the 2005 EM Higher Education Conf.
 - Dr. William Waugh, Jr.,
 - Georgia State Univ.,
 - Nine chapters at:
 - <http://training.fema.gov/EMIWeb/edu/emfuture.asp>
- 2007 Body of Knowledge IAEM Survey
 - EM Educators Next Year
- 2007 State of Collegiate Emergency Mgmt Survey
- Additional “Experiential Learning” Case Studies

Back in Course Development Business?

- 22 Courses at:
<http://training.fema.gov/EMIWeb/edu/completeCourses.asp>
- Catastrophe Readiness and Response?
- Principles, Practice, Philosophy and Doctrine of Emergency Management?

A Good Thing: Principles of Emergency Management Project

- Participated in **Emergency Management Roundtable**
- Resulted in **consensus on eight core EM Principles**
 - – **after all this time, sort of a ground-breaking event**
- More on this by Mike Selves and the EM Roundtable Group this morning and afternoon.

The Bad:

Underlying Problems in 1994/1995 And Now

- We Build in Floodplains
- We Destroy Wetlands
- We Build Along Earthquake Faults
- We Build On The Coast
- We Build On Alluvial Fans (spilling from mountains)
- We Build In and Near Forests Susceptible to Wildfires
- We Try To Control Nature
- We Don't Zone, Code, Build, Maintain (Aging Infrastructure),
Inspect and Enforce Appropriately Enough
- Thus – **Disasters Are A Growth Business**

The Ugly

EM HiEd Project Homepage Slide

<http://training.fema.gov/emiweb/edu>

- One goal of FEMA is to encourage and support the dissemination of hazard, disaster, and emergency management-related information in colleges and universities across the U.S. We believe that in the future more and more emergency managers in government as well as in business and industry will come to the job with college education that includes a degree in emergency management. We also believe that in order to build disaster resistant and resilient communities a broad range of college students and professionals need courses that introduce them to hazards, disasters, and what to do about them.
- In support of this effort, the Emergency Management Institute in Emmitsburg, Maryland, has undertaken several projects with the aim of promoting college-based emergency management education for future emergency managers and other interested personnel.
- For a listing of colleges and universities offering emergency management courses, certificates or degree programs, go to [The College List](#). The description of the
- [Higher Education Activity Reports](#) are published weekly. To subscribe click on the link to send a blank e-mail to our list server. You do not need to enter any information on the Subject line or in the Message area. You will receive weekly Higher Education Project Activity Reports and other pertinent information concerning professional development.

11th Annual FEMA All-Hazards Emergency Management Higher Education Conference

- June 2-5, 2008 (Emmitsburg, MD)
- Seeking More Sunday Dorm Rooms to Support More Monday Workshops
- Seeking More Total Dorm Rooms
- EM HiEd Conf. Support Group
- Acknowledgements

THE END



FEMA