

# Disaster Restoration and Reconstruction (DRR) Management

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When natural or man-made disasters strike, whether a bath tub overflows or the earth quakes, owners and their insurers seek the lowest cost way to restore buildings. Modern techniques and equipment often restore damaged property quicker and at less cost than replacement, thus offering value unavailable in times past. A “green” industry, restored materials remain in-place—not drawn anew from nature or dumped into landfills. When building systems or features must be replaced, sound reconstruction management practices deliver value to owners and profitability to contractors.

What makes DRR management so different and challenging is the unannounced nature of the work. Every job holds new opportunities. Time is critical, and the work demands immediate, accurate, thorough response at all hours of the day or night, any day of the week. Demand for restoration services does not fluctuate so much with the general economy. Interaction with owners and others makes good “people skills” essential. The deep satisfaction of serving the needs of people whose lives have been stricken with disaster is yet more compensation for the successful restoration contractor.

## **Introduction to Disaster Restoration and Reconstruction Management**

Introductory topics in the DRR concentration: causes of disasters and dimensions of their effects; protocols, equipment, and techniques of restoration and reconstruction; and project and business management practices and imperatives of DRR contractors.

## **Disaster Restoration and Reconstruction Project Management**

Advanced topics in DRR to further develop student ability to integrate knowledge, skills, and abilities essential for effective project management in the concentration. Typically includes scenario-driven role play with chronologically sequential project-level managerial problem-solving exercises.

## **Disaster Restoration and Reconstruction Industry Problem Investigation**

Preparation for industrial specialization by faculty and practitioner-guided study and analysis of a current DRR problem. Culminates in a formal oral presentation and paper whose position is justified on the basis of the study and application of earlier coursework. In addition to faculty oversight, each student is typically guided by a practicing manager of the DRR specialization who serves as a mentor to further develop student management potential.

**If you think this interesting,  
demanding concentration could be  
for you, then please contact  
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