Risk Management

- Estimate Cost of Insurance (By Risk Mgt./Ins. Broker)
- Estimate Cost for Facility Strengthening
- Hazard Identification and Assessment
- Detailed Risk Identification and Analysis of Mitigation Options
- Select and Implement Risk Management Program

Facility Planning
- Insurance
- Existing Facility
- Future Construction
- Real Estate (Leasing/Purchase Decisions)

Facility Strengthening
- Buildings
- Equipment
- Inventory Storage
- Computers
- Fire Protection Systems
- Hazardous Materials

Business Continuity Planning
- Public Relations
- BCP Process Facilitation
- Business Impact Analysis
- Design of Recovery Coordination Center
- Post-Disaster Operations
- Training and Exercises
BIA Flowchart

1. Business Operation
   - Initial hazards screening
     - rank hazards by likelihood of occurrence

2. External Hazard Scenarios
   - Further Analysis of selected hazards based on client risk tolerance
   - Develop scenarios for selected hazards: Earthquake, Flood, Wind, etc.
   - Determine property losses

3. Operations Hazard Scenarios
   - Operations and Facilities Personnel Interviews
   - Develop business process & business reliability diagrams
   - Analyze business reliability diagram to identify system & operations vulnerabilities

Continue
BIA Flowchart

Continue

Determine financial impact of projected interruptions

Determine the risks associated with the identified vulnerabilities

Risk Mitigation & Management options

Risk Transfer Options: Insurance retention etc.

Business Continuity Plans: Emergency Recovery etc.

Hazard Mitigation Options: Structural Systems Vendors etc.
# The Cycle of Business Continuity Planning

## Phase I: Business Impact Analysis
- 1.0 Hazard assessment
- 2.0 Systems analysis
- 3.0 Vulnerability analysis
- 4.0 Operational impact analysis
- 5.0 Hazard mitigation
- 6.0 BIA Report

## Phase II: Develop Emergency Response
- 1.0 Identify staff capabilities
- 2.0 Establish evacuation procedures
- 3.0 Build response organization and define roles

## Phase III: Develop Recovery Operations
- 1.0 Identify staff capabilities
- 2.0 Build recovery organization and define roles
- 3.0 Develop recovery coordination center
- 4.0 Develop recovery actions

## Phase IV: Business Continuity Plan
- 1.0 Develop basic plan
- 2.0 Develop function annexes
- 3.0 Present the plan

## Phase V: Training and Plan Exercise
- 1.0 Develop and provide training for designated staff
- 2.0 Develop and implement table top exercise
- 3.0 Develop and implement full exercise

- Regularly scheduled review and exercise

- **Update?**
  - yes: Revise and re-train
  - no: Continue with existing plans