

RISK-BASED DECISION-MAKING GUIDELINES

Volume 3 Procedures for Assessing Risks

Cover photo courtesy of the Office of Response and Restoration, National Ocean Service, National Oceanic and Atmospheric Administration.

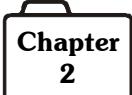
Table of Contents

Getting Started with Risk Assessment

Selecting an Appropriate Risk Assessment Approach



Managing a Risk Assessment Project



Applying Risk Assessment Tools

Pareto Analysis



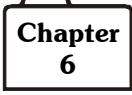
Checklist Analysis



Relative Ranking/Risk Indexing



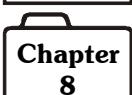
Preliminary Risk Analysis (PrRA)



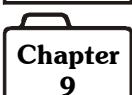
Change Analysis



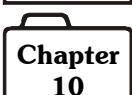
What-if Analysis



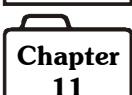
Failure Modes and Effects Analysis (FMEA)



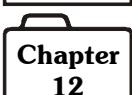
Hazard and Operability (HAZOP) Analysis



Fault Tree Analysis (FTA)



Event Tree Analysis (ETA)



Event and Causal Factor Charting.....

**Chapter
13**

Preliminary Hazard Analysis (PrHA)

**Chapter
14**

Acronym List and Glossary of Terms

**Chapter
15**