FIGURE IV-1. COASTAL STORM RISK MANAGEMENT FRAMEWORK FOR VULNERABLE COASTAL POPULATIONS

NACCS Coastal Storm Risk Management Framework
(Repeat initial five steps for each Tier 1, 2, and 3 Evaluations)

**INITIATE ANALYSIS**
- Identify Stakeholders, Partners, and Authorities
- Identify Constraints and Opportunities
- Formalize Goals
- Determine Spatial and Temporal Scale of Analysis

**CHARACTERIZE CONDITIONS**
- Define Physical and Geomorphic Setting
- Compile Flood Probability Data
- Establish Baseline Conditions and Forecast Future Conditions

**ANALYZE RISK AND VULNERABILITY**
- Map Inundation and Exposure
- Assess Vulnerability and Resilience
- Determine Areas of High Risk

**IDENTIFY POSSIBLE SOLUTIONS**
- Assess Full Array of Measures
- Consider Blended Solutions
- Develop Performance Metrics
- Establish Decision Criteria

**EVALUATE AND COMPARE SOLUTIONS**
- Develop Cost Estimates
- Assess Benefits

**SELECT PLAN**

**DEVELOP IMPLEMENTATION PLAN**
- Complete Pre-construction Engineering and Design
- Consider Operation and Maintenance Issues
- Establish Adaptation Thresholds
- Develop Strategic Monitoring Plan

**EXECUTE PLAN**

**MONITOR AND ADAPT**
- Measure Performance and Benefit Production
- Assess Resilience
- Adaptively Manage

Additional steps to be completed in future replications of the framework at refined scales

Figure IV-1. Coastal Storm Risk Management Framework