FIGURE 2.2 FLOOD GREEN GUIDE FRAMEWORK STAGES AND STEPS

THE FLOOD GREEN GUIDE FRAMEWORK STAGES AND STEPS

METHOD IDENTIFICATION

STEP 1: Identify suitable methods
- Table 5.1 Flood Risk Management Methods and Scales of Application
- Figure 5.2 Scale of Application of Structural and Non-structural Methods
- Table 5.2 Applicability of Structural Methods to Different Flood Types and Locations in the Watershed

PROCESS STEP: Review and revise the flood risk management objectives

METHODS SELECTION AND DESIGN

STEP 1: Consider preliminary specifications, management issues and cost estimates
- Sections 5.2–5.5, Structural and Non-structural Methods; Application of Methods According to Type of Intervention, Location (in the watershed) and Scale; Factors Affecting Successful Implementation of Structural Methods
- Table 5.4 Structural Method Design, Implementation, Maintenance and Closure Considerations
- Appendix D: Resource and Cost-Planning Guidance for Methods

STEP 2: Compare the methods
- Table 5.3 Factors Critical to Successful Implementation of Structural Methods
- Table 5.4 Structural Method Design, Implementation, Maintenance and Closure Considerations
- Appendix D: Resource and Cost-Planning Guidance for Methods

PROCESS STEP: Methods Selection Review

PROJECT EVALUATION

STEP 1: Periodically evaluate the methods and the project as a whole
- Appendix E: Monitoring and Evaluation Requirements for Different Methods
- Project Evaluation

PROCESS STEP: Evaluate with experts and proceed to closure or project revision

OPERATION AND MONITORING

STEP 1: Develop detailed operation plans
- Operational Requirements

STEP 2: Develop detailed monitoring plans
- Monitoring Plan

PROCESS STEP: Prepare evaluations

STAGE 1
PRELIMINARY ANALYSIS AND ASSESSMENT

STEP 1: Understand the watershed and social context
- Foundational Concepts and Key Crosscutting Issues
- Urban Issues

STEP 2: Understand the risk and climate uncertainties
- Flood Risk Assessment Data Summary
- Institutional Flood Management Capacity Assessment
- Watershed Characterization Table and Report

PROCESS STEP: Set preliminary flood risk management objectives

STAGE 2
METHODS SELECTION AND DESIGN

STAGE 3
METHOD IDENTIFICATION

STAGE 4
OPERATION AND MONITORING

STAGE 5
PROJECT EVALUATION