

the journey to restore
America's
Everglades



Corps Planning 101

Task Force Meeting
May 10, 2005



Topics

- Overview of Corps Planning Process
- CSOP Planning Effort
- CERP Formulation

The Corps Planning Process: Six Steps



Principles and Guidelines (P&G)

- Economic and Environmental Principles and Guidelines for Water and Related Land Resources Implementation Studies
- Approved by President Ronald Reagan in 1983
- Better known as the “Principles and Guidelines” or “P&G”
- Guide all Federal water resources planning

Step 1

Specify Problems and Opportunities

- Without a clear statement of the problems or the opportunities, there is no reason for planning
- **Planning Objective** – A statement of what an alternative plan should achieve. It is more specific than an overall goal.
- **Planning Constraint** – A restriction that limits the extent of the planning process
- Objectives and constraints indicate what is important to people

Step 2

Inventory and Forecast

- Analysis of existing conditions (inventory) and future without project conditions (forecast)
- Inventory and forecast must be meaningful to the decision that is made
- Existing condition – conditions that exist at the time of the study

Without-Project Condition

- General Rule: The alternative future likely to occur in the absence of any public (non-Federal or Federal) attempt to respond to the planning objectives
- Projected to the base year and then extended through the period of analysis
- Same as “No Action” for NEPA purposes

Step 3

Formulate Alternative Plans

- Doing nothing (“no action”) is always the default action
- Any plan must be better than doing nothing
- **Measures** are single features or activities which address the planning objectives
- **Plans** are combinations one or more of measures
- Alternative plans must address one or more of the planning objectives

Step 4

Evaluate Effects of Alternative Plans

- Forecast with project conditions
- Compare with project and without project conditions
- Describe effects
- Determine benefit-cost ratio (BCR) for “traditional” projects or use cost-effectiveness and incremental cost analysis (CE/ICA) for restoration projects

Step 5

Compare Alternative Plans

- Contrast the merits among plans
- Compare effects of plans
- Describe differences among plans
- Describe trade-offs among plans

Step 6

Select Recommended Plan

- The decision makers select a plan; not the Project Delivery Team
- The Project Delivery Team does the planning, makes its recommendations, and provides results to decision makers
- Judgment of which plan is best takes into consideration all of the evaluation effects, plan comparisons, and stakeholder views

CSOP

- Process to develop water control plan and associated EIS for operation of authorized Modified Water Deliveries to ENP and C-111 projects
- Specialized application of the 6-step planning process
 - Projects are authorized
 - Planning process being used to develop operational plan

CSOP Objectives

- Authorized Objectives
 - Include the objectives specified in the authorization documents for MWD and C-111 projects
 - These are the objectives that the projects are trying to achieve
 - Will be used to evaluate performance of CSOP alternative plans
- Additional Opportunities
 - Include identified opportunities that are within Corps authority to implement and consistent with authorized project purposes
 - Will be used to evaluate performance of CSOP alternative plans

CERP

- Project Implementation Reports provide additional formulation and evaluation of projects presented in the 1999 feasibility report (“Yellow Book”)
- Specialized application of the 6-step planning process
 - Projects are elements of a comprehensive plan
 - Projects are designed to fit together with other projects to achieve system-wide goals

CERP

Formulation and Evaluation

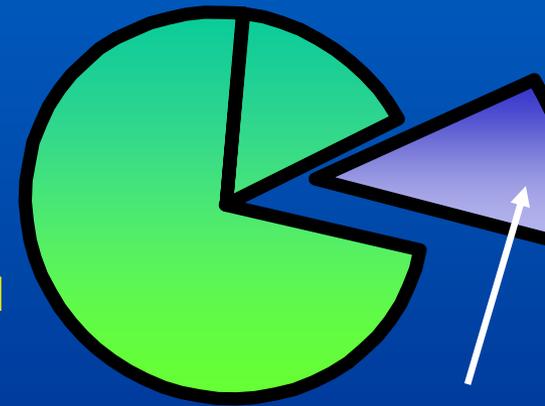
- “Yellow Book” is starting point for all plan formulation and evaluation
 - Reaffirmation or formulation of additional alternatives
- Individual projects formulated to help achieve system-wide goals and objectives of CERP
- Formulation and evaluation procedures for CERP described in Guidance Memoranda

System Formulation and Evaluation

Future Without Condition



Future With Condition



Next-Added Increment Analysis

Future Without Condition



Future With Condition





Questions?