

ICMP Table of Contents

BLUE Font -- means completed initial draft **RED** Font -- means working on draft

Illinois Coastal Management Program

Gubernatorial Letter

List of Abbreviations

CHAPTER 1- ILLINOIS COASTAL MANAGEMENT PROGRAM (ICMP) OVERVIEW

Program Development and Coordination

- *Historical Perspective on Program Development*
- *Public Participation in Program Development*
- *Coastal Issues and Areas Meriting Special Attention*
- *Coastal Program Area*

Core Program Elements

- *Based on Existing Policies and Laws*
- *Coastal Program Network*
- *Federal Consistency Provision*
- *Coastal Grants Program*

Summary

CHAPTER 2 - ILLINOIS' LAKE MICHIGAN COASTAL REGION

Introduction

Political Geography

Coastal Geomorphology

- *Zion beach-ridge plain*
- *Bluff coast*
- *Chicago lake plain*

Coastal Geology

- *Upland Sediments and Bedrock*
- *Beach Sediments*

Coastal Processes

- *Wind and Waves*
- *Lake Level and Lake-level Change*
- *Table 2-1 Lake Michigan water levels for several commonly referenced datums*
- *Short-Term and Sudden Lake-Level Change*
- *Beach and Nearshore Ice*
- *Littoral Transport*

Geologic History of the Illinois Coast

- *Overview*
- *Landscape Shaping by Glacial Processes*
- *Landscape Reshaping by Coastal Processes*

Watersheds and Drainage

History of Engineering the Chicago River

History of Engineering the Little Calumet River

Lake Michigan Flow Diversion

Historical Shoreline Change

- *General*
- *Chicago Lakeshore*
- *North Point Marina Vicinity*
- *Waukegan Harbor Vicinity*
- *Lake Calumet Vicinity*
- *Other Notable Shoreline Modifications*

Socioeconomic Characteristics and Land Uses

- *Public Beaches and Other Public Areas*
- *Population Characteristics*
- *Coastal Economy*
- *Recreation*
- *Tourism*

References

CHAPTER 3 - DEFINING THE ILLINOIS COASTAL ZONE BOUNDARY

Overview

Federal Requirements and Guidelines

- *Requirement for Excluded Land and Water Areas*

Framework for the Illinois Coastal Boundary

A Two-Component Inland Boundary

Public Input on the Illinois Coastal Zone Boundary

Lakeward Extent of the Illinois Coastal Zone

- *Figures 3-1 and 3-2 showing Lakeward extent of Boundary*

Procedure in Defining the Inland Coastal Zone Boundary

Organization of the Coastal Zone Boundary Maps

Description of the Lakeshore Coastal Zone Boundary

- *Figure 3-3 Index map for Lake County*
- *Figure 3-4 Index map for northern Cook County*
- *Figure 3-5 Index map for southern Cook County*

Description of the Inland Waterway Coastal Zone Corridors

- *Figure 3-6 Index for Inland Waterway Corridors*

Coastal Boundary Junction with Neighboring States

- *Figure 3-7 showing CMP boundaries of Illinois, Indiana and Wisconsin*

CHAPTER 4 - PROGRAM ORGANIZATION AND IMPLEMENTATION

ICMP Program Organization

- *Lead Agency – Illinois Department of Natural Resources (IDNR)*
- *ICMP Administrative Office – IDNR Office of Water Resources*
- *Figure 4-1 IDNR Organizational Chart*
- *Figure 4-2 IDNR Office of Water Resources Organizational Chart*

ICMP Program Implementation

- *Existing State Authorities*
- *ICMP Technical Advisory Committee (TAC)*
- *ICMP Coastal Advisory Group (CAG)*
- *ICMP Technical Advisory Groups (TAGs)*
- *Figure 4-3 Schematic of ICMP Implementation*

Achieving Consistency with ICMP Policies through Networking

CHAPTER 5 - EXISTING MANAGEMENT AUTHORITIES

Coastal Erosion and Flooding

- *Introduction*
- *Coastal Erosion*
- *Flooding*

Water Quality

- *Activities affecting water quality*
- *Public Water Supplies*
- *Non-point source pollution*
- *Groundwater*

Habitat, Ecosystems and Natural Areas

- *Wetlands and Other Natural Areas*
- *Fish and Aquatic Life*
- *Wildlife*

Recreation and Public Access

- *State Parks and Trails*
- *Conservation of Recreation Resources*
- *Public Access*

Historic and Cultural Resources

Economic Development

- *Eminent Domain*
- *Other Aspects of Economic Development*

CHAPTER 6 - SPECIAL MANAGEMENT AREAS

(TAGS working on ISSUE PAPERS which will be needed in order to prepare this chapter. ISSUE PAPERS will be included in Appendix D)

Introduction

Areas Meriting Special Attention

Technical Advisory Groups and Summary of Issues

Generic Areas of Particular Concern

Designated Areas for Preservation and Restoration

Future Designation Process

Coastal Resources of National Significance

CHAPTER 7 - SHOREFRONT ACCESS AND PROTECTION PLANNING

Overview

"Beach" Definition

Existing Beaches

State Parks and Other Existing Public Coastal Areas

Shoreline Access

Boating Access

Assessment of Beaches and Public Areas for Shorefront Access and Protection

CHAPTER 8 - COASTAL EROSION AND EROSION MITIGATION PLANNING

Introduction

Erosional Trends in the Natural Setting

Lake Level Influence on Coastal Erosion
Three Categories of Illinois Coastal Erosion
- *Shore Erosion*
- *Bluff Erosion*
- *Lakebed Erosion*
Assessment of Erosion along the Illinois Coast
- *Assessment by Aerial Photography*
- *Assessment by Bathymetric Mapping*
- *Assessment by Scientific and Technical Studies*
Mitigation of Coastal Erosion
- *Shore-Protection Structures*
- *Headland Beach Systems*
- *Lakefill*
- *Beach Nourishment*
Permitting Projects for Coastal Erosion Control
Delineating the Ordinary High Water Mark
Coastal Erosion Areas of Significance
- *Illinois Beach State Park*
- *Nearshore Lakebed*
References

CHAPTER 9 - COASTAL MANAGEMENT PROGRAM FUNDING & GRANTS PROGRAM

ICMP ADMINISTRATION, MANAGEMENT AND ENHANCEMENT GRANTS

- *Section 306/306A Federal Grant Funding Guidance and Allocations*
- *Administrative Grants (Section 306)*
- *Resource Management Improvement Grants (Section 306A)*
- *Coastal Zone Enhancement Grants (Section 309)*

ICMP GRANTS PROGRAM

- *Overview*
- *Goals and Objectives*
- *Eligible Recipients for ICMP Grants Program Assistance*
- *General Category Examples of Eligible Projects*
- *General Category Examples of Non-Eligible Projects*
- *General Project Eligibility and Qualifying Criteria*
- *Low-Cost Construction Project Criteria (Section 306A)*
- *Land Acquisition Project Criteria (Section 306A)*
- *Location and Match Requirements*
- *Identifying Annual Priority Issues and Emphasis Areas for the ICMP Grants Program*
- *Grant Proposal Guidance and Application Procedures*
- *Evaluation Review Process and Criteria*
- *Preliminary Timeline and Sequence of Activities for ICMP Grants*

CHAPTER 10 - FEDERAL CONSISTENCY

Introduction
Federal Agency Activities
License or Permit Actions
Conflict Resolution, Appeal, and Secretarial Review
Lists of Federal Activities Subject to Federal Consistency

CHAPTER 11 - ENERGY FACILITY PLANNING PROCESS

Program Requirements

Existing Energy Facilities Located within the ICMP Boundary

- *Electric generating plants*
- *Waterways and Deepwater Ports*
- *Other Energy Facilities*

Overview of Major Controlling Factors in Energy Facility Siting

State Regulations and Authorities

- *IEPA Bureau of Air – Clean Air Act*
- *IEPA Bureau of Water*
- *IEPA Bureau of Land*
- *IDNR Division of Resource Review and Coordination*
- *IDNR Office of Water Resources*
- *Illinois Emergency Management Agency – Division of Nuclear Safety*
- *Illinois Department of Public Health*
- *Illinois Department of Transportation*
- *Illinois Office of the State Fire Marshall*
- *Illinois Commerce Commission and*
- *Public Utilities Act (220 ILCS 5) “Certificate of public convenience and Necessity (CPCN)”*
- *Energy Policy and Planning Act (20 ILCS 1120/)*
- *Illinois International Port District Act (70 ILCS 1810)*
- *Dept. of Commerce and Economic Opportunity – Grants and Incentives*

Federal Regulations

- *U.S. Department of Energy*
- *Federal Energy Regulatory Commission*
- *U.S. Army Corps of Engineers*
- *U.S. Fish and Wildlife Service*

National Interest

Summary

CHAPTER 12 - NONPOINT SOURCE POLLUTION

Requirements of Section 6217

Development of an Illinois Coastal Nonpoint Pollution Management Plan

Illinois' Existing Statutes and Rules for NPS

CHAPTER 13 - INTERIM RESPONSES TO PUBLIC COMMENTS

COMMENTS AND RESPONSES RECEIVED ON THE SCOPING DOCUMENT

COMMENTS AND RESPONSES SUBMITTED DURING THE PUBLIC HEARINGS

APPENDIX A: COASTAL ZONE BOUNDARY MAPS (15 TOTAL) AND DETAILED WRITTEN DELINEATION OF THE COASTAL ZONE BOUNDARY

APPENDIX B: PUBLIC PROPERTY AND LAND USE MAPS WITHIN THE COASTAL ZONE BOUNDARY

APPENDIX C: CROSS-REFERENCE OF LAWS AND PROGRAM REQUIREMENTS

APPENDIX D: TECHNICAL ADVISORY GROUP (TAG) ISSUE PAPERS

Specific Resource Areas meriting special attention:

- A. Water Quality** to include beach closings, storm water discharges, sanitary sewer overflows, and sailboat/powerboat sewage.
- B. Shoreline Erosion** to include bluff erosion, beach erosion, lakebed erosion, and beach protection and nourishment.
- C. Habitat, Ecosystem and Natural Area Restoration** to include wetlands threatened and endangered species, exotic/invasive species, dune/swale systems, migratory bird routes and other sensitive resource areas and issues.
- D. Ravine Systems** of Kellogg Creek, Bull Creek, Waukegan River, Pettibone Creek and unnamed ravines along the bluffs between Lake Bluff and Wilmette.
- E. Public Access and Recreational Resources** to include beach access, swimming, fishing, boating, public boat access, bike and walking trails.
- F. Historic and Cultural Feature Preservation**
- G. Education and Public Awareness** to include data references, inventorying needs, educational reports, and or ideas for grant proposals.
- H. Land Acquisition/Easement Opportunities**

Specific Geographic Areas meriting special attention:

- I. North Point Marina & Illinois Beach State Park including the Dead River & Kellogg Creek Watersheds**
- J. Waukegan Harbor, Waukegan Lakefront & Waukegan River Watershed**
- K. Chicago River & North Shore Channel River Corridors and Wilmette Harbor**
- L. Lake Calumet and Calumet River Area**
- M. Little Calumet & Grand Calumet River Corridors**

APPENDIX E: LIST OF LOCAL, STATE, AND FEDERAL AGENCIES AND ORGANIZATIONS RECEIVING INFORMATION DURING THE PUBLIC COMMENT PERIOD FOR THE IMCP SCOPING DOCUMENT AND P/DEIS