

Ausable Bayfield Conservation Authority  
Updated Shoreline Management Plan

**Draft Table of Contents**

**1.0 BACKGROUND & CONTEXT**

- 1.1 Study Background
  - 1.1.1 Study Purpose, Objectives & Principles
  - 1.1.2 Study Limits, Approach & Methodology
- 1.2 Why An Updated Shoreline Management Plan is Needed: Overview of Existing & Emerging Issues and Opportunities
- 1.3 Policy & Legislative Context
  - 1.3.1 Policy Platform
    - Ontario Provincial Policy Statement (MMAH, 2014)
    - County Official Plan
    - Technical Guide for the Great Lakes – St. Lawrence River System and Large Inland Lakes
  - 1.3.2 Legislative Platform
    - Planning Act
    - Conservation Authorities Act
    - Ontario Regulation 97/04
    - Individual CA Generic Regulations

**2.0 TECHNICAL ANALYSIS**

- 2.1 ABCA Shoreline Description (Consolidated Version)
- 2.2 The ABCA Shoreline - Field Observations
  - Recession Rates
    - 2.2.1 Published Historical Rates
    - 2.2.2 Recession Rate Calculations
    - 2.2.3 Adopted Recession Rates for Setback Planning
- 2.3 Evaluation of Lake Levels
- 2.4 Slope Stability Considerations

**3.0 SHORELINE HAZARDS**

- 3.1 Understanding Shoreline Hazards: An Overview
- 3.2 Erosion Hazard
- 3.3 Flooding Hazard
- 3.4 Dynamic Beach Hazard

## **4.0 ADDRESSING SHORELINE HAZARDS**

- 4.1 Overall Management Philosophy & Approach
- 4.2 Addressing the Erosion Hazard
- 4.3 Addressing the Flooding Hazard
- 4.4 Addressing the Dynamic Beach Hazard
- 4.5 Addressing Areas Subject To More Than One Hazard
- 4.6 Protection Works
  - 4.6.1 Bluff Stabilization Works
  - 4.6.2 Shore Protection Works
- 4.7 Emergency Response Considerations
- 4.8 Best Management Practices
  - 4.8.1 Riparian Landowners
    - Non-Structural Slope Management Practices
    - Dune Beach Management Practices
- 4.9 River Mouth Dredging

## **5.0 ADDITIONAL REFERENCES & RESOURCES**

### **APPENDICES**

- Appendix A: ABCA Hazard Maps
- Appendix B: Statistical Analysis of Recession Data
- Appendix C: Climate Change – Anticipated Impacts – Discussion Paper
- Appendix D: Shore Protection Works Discussion Paper
- Appendix E: Community Engagement Process: An Overview