

1501-6-13

Preparation of coastal erosion area maps.

Coastal erosion areas shall be delineated on coastal erosion area maps.

- (A) Where coastal erosion areas are identified, such areas shall include land lakeward of the base recession line and all land that extends landward of the base recession line for a distance equal to the anticipated recession distance. Where anticipated recession distances are equal to zero, a coastal erosion area shall not be designated, either lakeward or landward of the base recession line.
- (1) The landward boundary of a coastal erosion area shall be delineated by plotting on each transect a point landward from the base recession line equal to the anticipated recession distance as determined in rule 1501-6-12 of the Administrative Code and then drawing straight lines between these points (figure 1).
- (2) Where one transect has a positive anticipated recession distance and an adjacent transect has a zero anticipated recession distance, the coastal erosion area boundary shall be delineated as follows. A boundary line shall be drawn between the positive anticipated recession distance on the one transect to the base recession line position on the adjacent transect (figure 2). At the point where the distance between the boundary line and the base recession line equals the calculated accuracy limit, the boundary line shall turn lakeward. The lakeward extension of the boundary line shall extend to the shoreline and shall be spaced proportionately between the transects (figure 2).
- (B) The preliminary identification of coastal erosion areas shall be shown on recession-line base maps described in paragraph (A) of rule 1501-6-11 of the Administrative Code as areas bounded on the lakeward side by the shoreline and on the landward side by a line (coastal erosion area line) drawn pursuant to paragraphs (A)(1) and (A)(2) of this rule. The base recession line and the recession line used to determine annual recession rates and anticipated recession distances as prescribed in paragraph (A)(4) of rule 1501-6-11 of the Administrative Code shall also be shown on the recession-line base maps (figure 3).

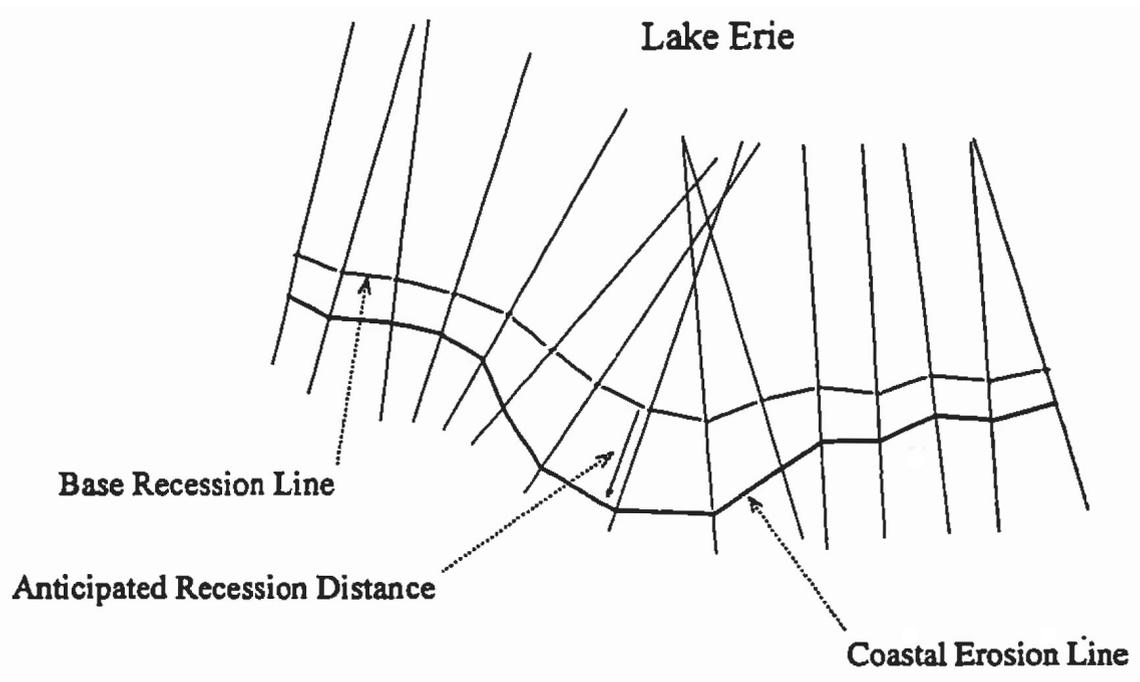


Figure 1. Anticipated recession distance measured from the base recession line defines the landward boundary of a coastal erosion area.

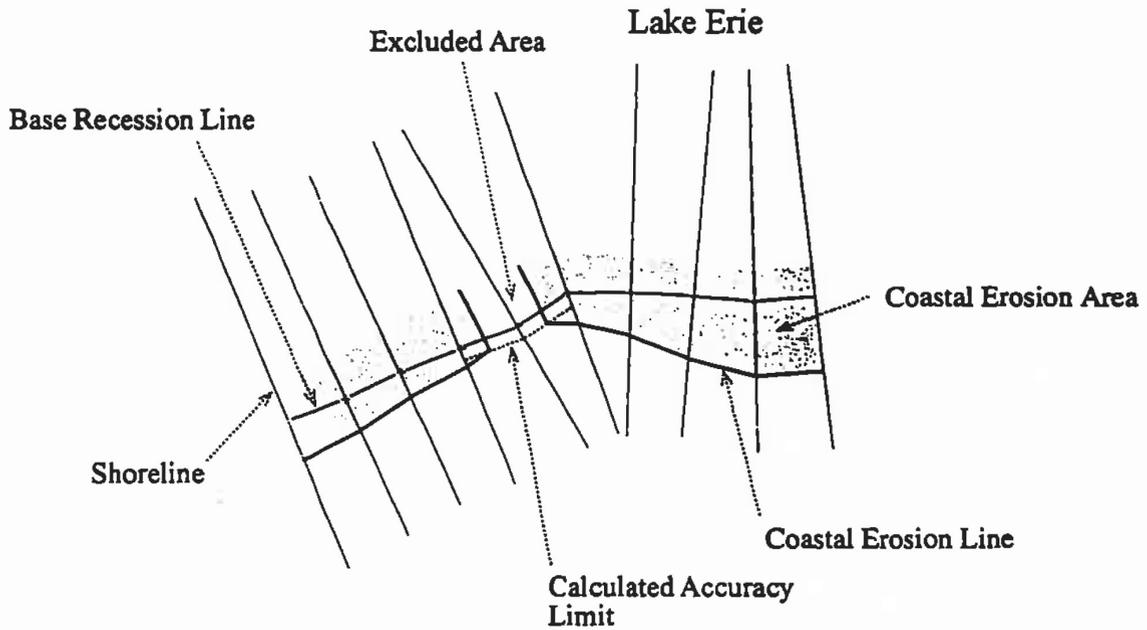


Figure 2. Example of an excluded area. Shading indicates coastal erosion areas. Coastal erosion line turns lakeward upon intersecting the calculated accuracy limit.

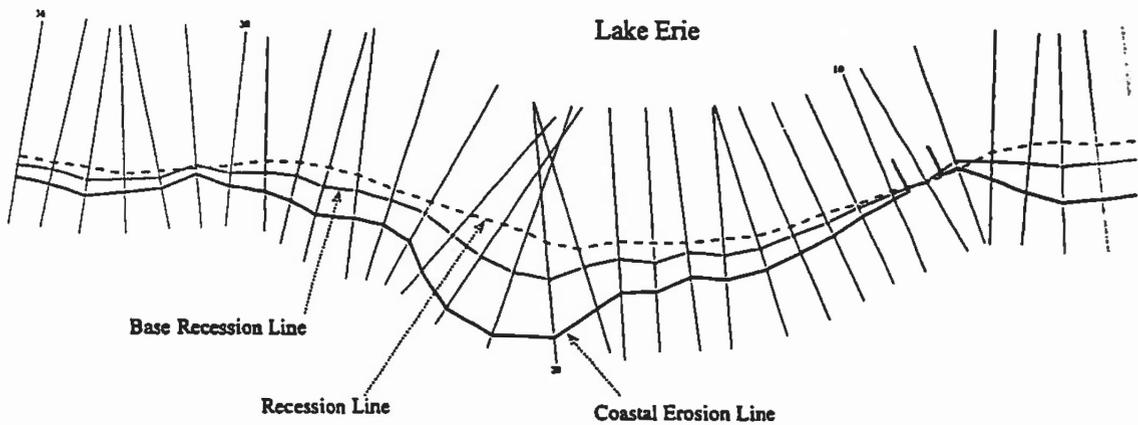


Figure 3. Example of a coastal erosion map illustrating transects, the recession line used to determine annual recession rates (dashed line), the base recession line, and coastal erosion line denoting the landward extent of coastal erosion areas.

(C) Final identification of coastal erosion areas shall be shown on the recession-line base maps described in paragraph (A) of rule 1501-6-11 of the Administrative Code as

areas bounded on the lakeward side by the shoreline and on the landward side by a line drawn pursuant to paragraphs (A)(1), (A)(2), and (B) of this rule. This final identification shall show the boundaries of coastal erosion areas as they existed at the time the base-map imagery was acquired. Subsequent to the final identification, the landward extent of a coastal erosion area shall be determined by measuring the anticipated recession distance from the current base recession line defined in paragraph (R) of rule 1501-6-10 of the Administrative Code. Recession rates and anticipated recession distances shall be provided by the department of natural resources with coastal erosion area maps.

R.C. 119.032 review dates: 07/29/2009 and 07/25/2014

CERTIFIED ELECTRONICALLY

Certification

07/29/2009

Date

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