Shoreline Change (1951 to 2019)



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1 Kilometer

1:50,000

shore-perpendicular transects. The transect length indicates the distance between the nearest and farthest bluff toe between 1951 and 2019. The shoreline change envelope is colored by the shoreline change rate (meters/year and feet/year), with hot colors representing erosion and cool colors representing accretion. The average linear rate of the bluff top and toe is used for the visualized change rate. Linear rates of shoreline change are simplified and do not accurately reflect shoreline erosion and accretion at all locations. This work is funded by the Federal Emergency Management Agency. The Alaska Division of Geological & Geophysical Surveys is a FEMA Cooperating Technical Partner.