SUNSET BEACH RSM INVESTIGATIONS



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SUNSET BEACH RSM SHORELINE CHANGE ANALYSIS

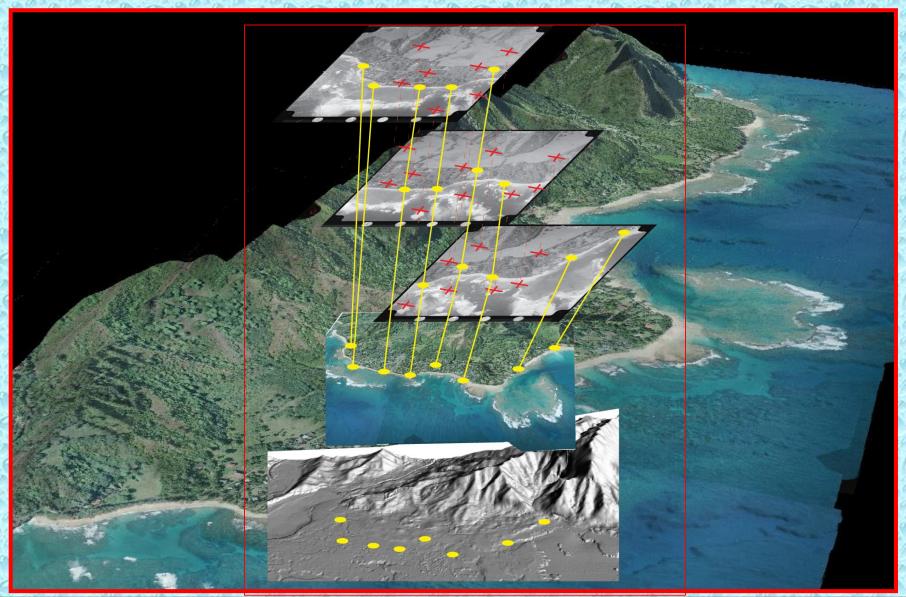
Tom Smith
Honolulu District



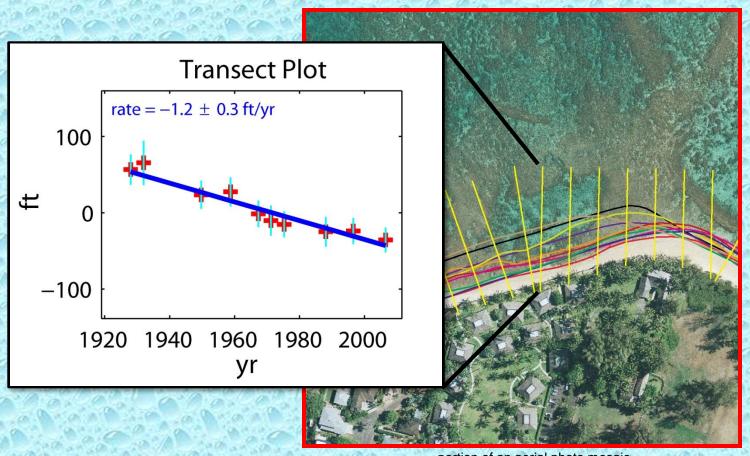
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HISTORICAL AERIAL PHOTOGRAMMETRY



MAPPING HISTORICAL SHORELINES



portion of an aerial photo mosaic



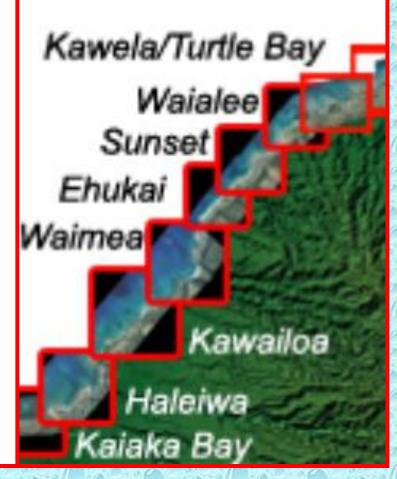
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OAHU COUNTY SHORELINE DATABASE

HISTORICAL SHORELINES

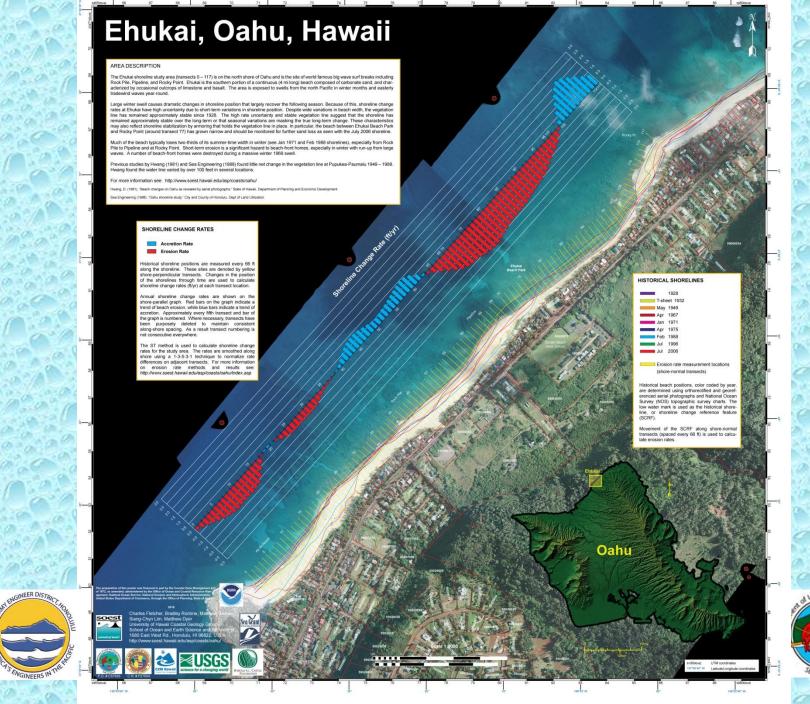




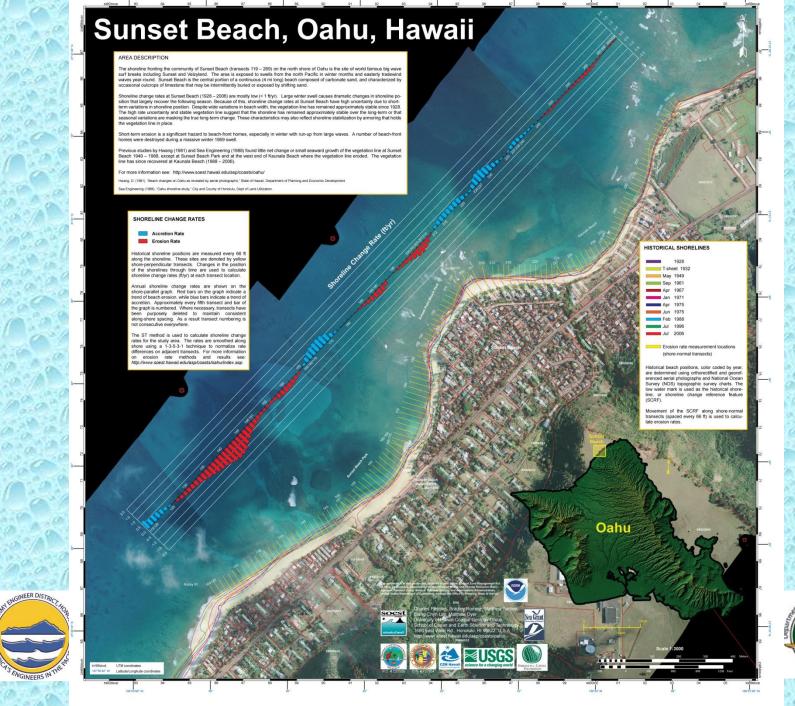


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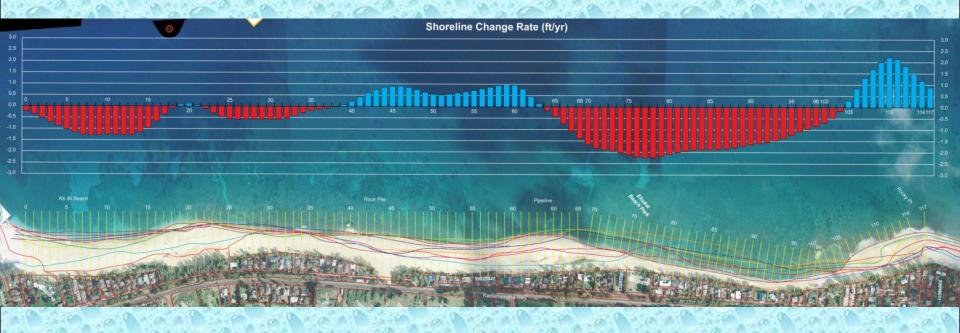








REACH 1 (Ke Iki Beach to Rocky Point)

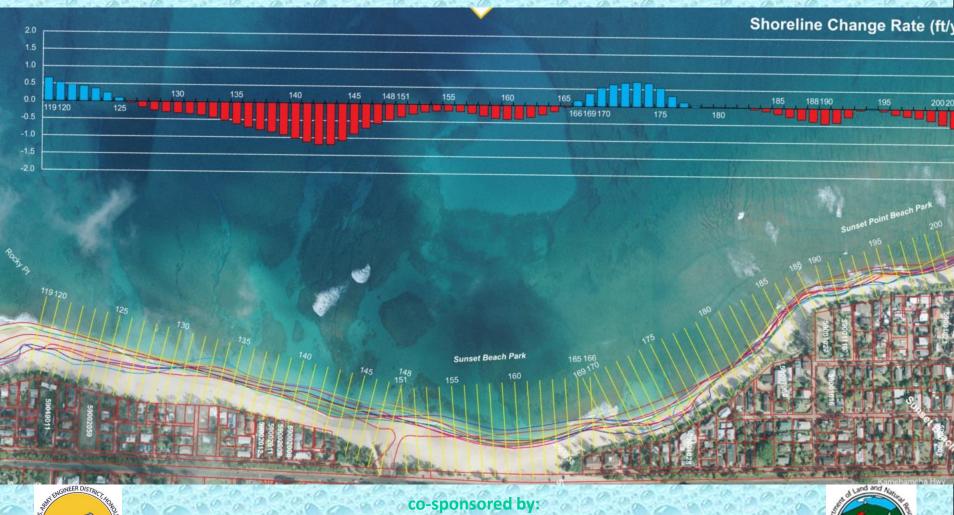




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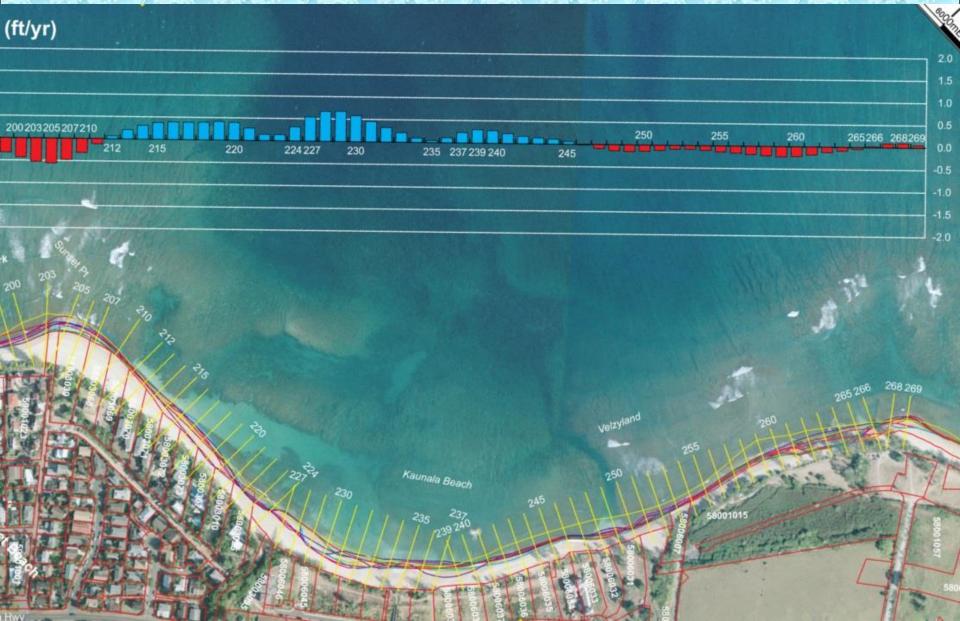
REACH 2 (Rocky Point to Sunset Point)







REACH 3 (Sunset Point to Velzyland)



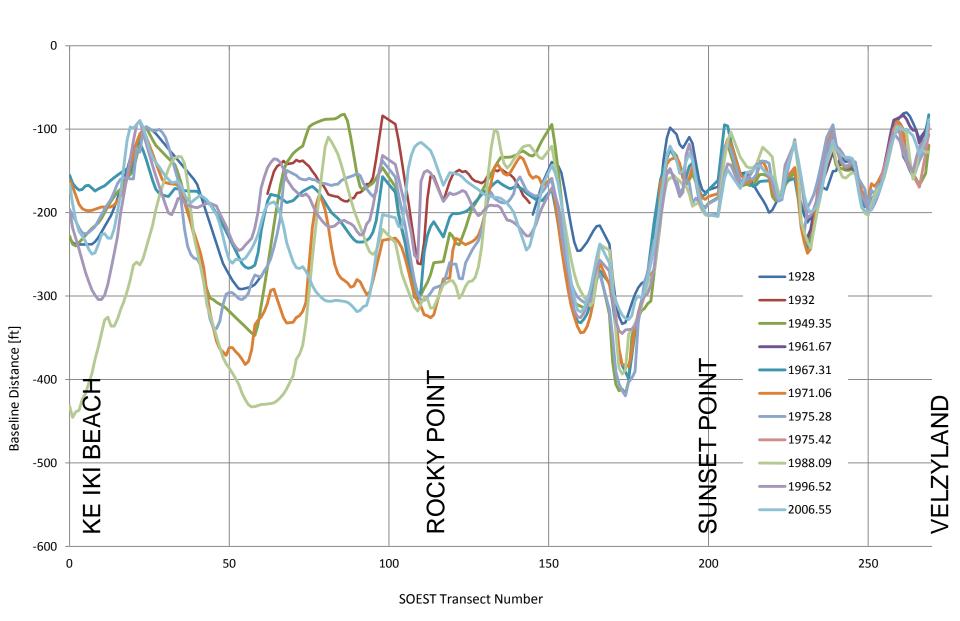
VOLUME CHANGE 1948 – 2006 57 years



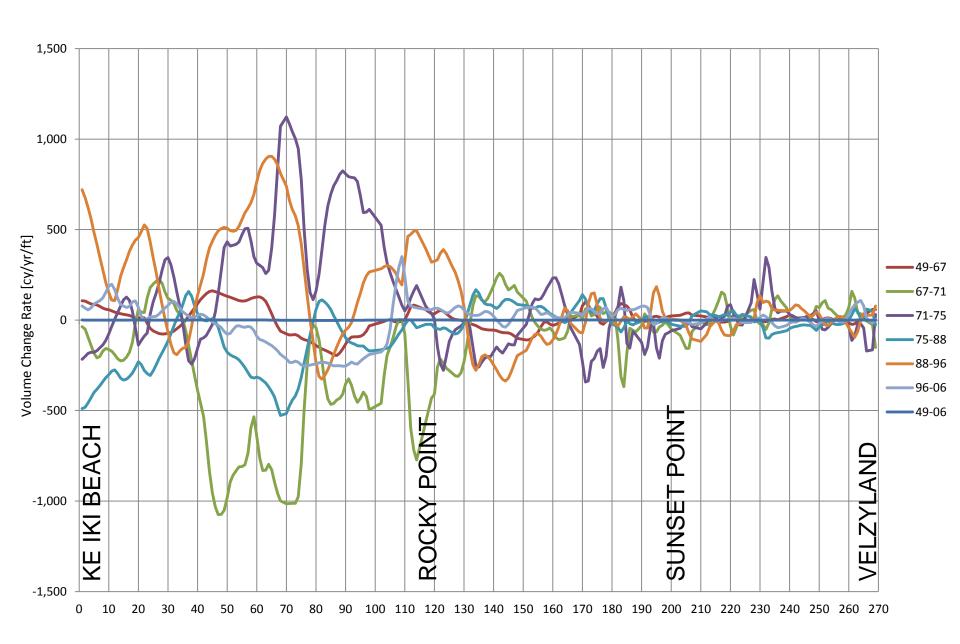
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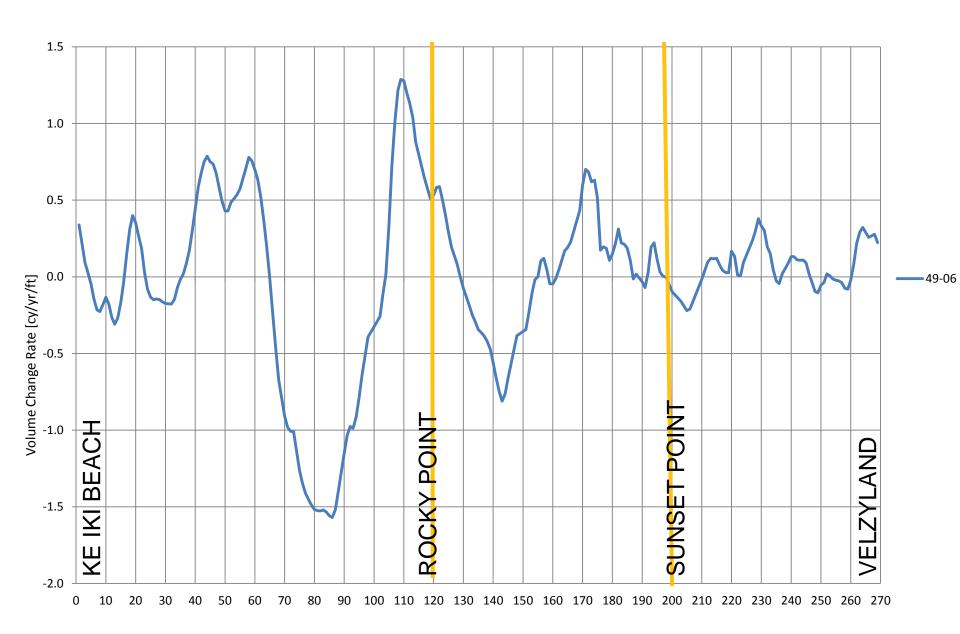
SUNSET BEACH REGION Shoreline Toe Positions from 1928 to 2006



Sunset Beach Region: Transect Volume Change Rate for Various Time Periods

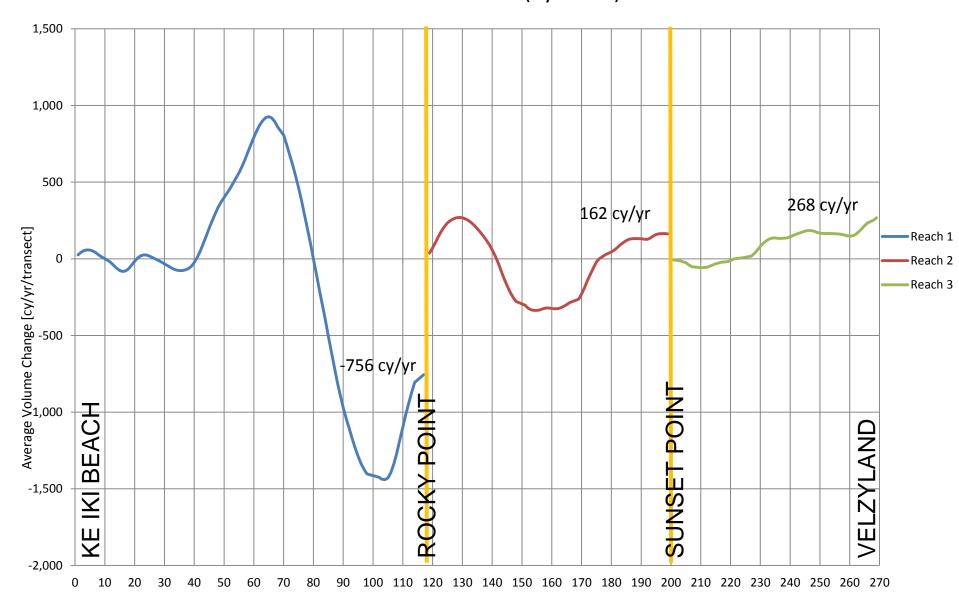


Sunset Beach Region: Transect Volume Change Rate from 1949 to 2006



SOEST Transect Number

Sunset Beach Region: Cumulative Transect Volumes from 1949 to 2006 (by reach)



Volume Change [cy]

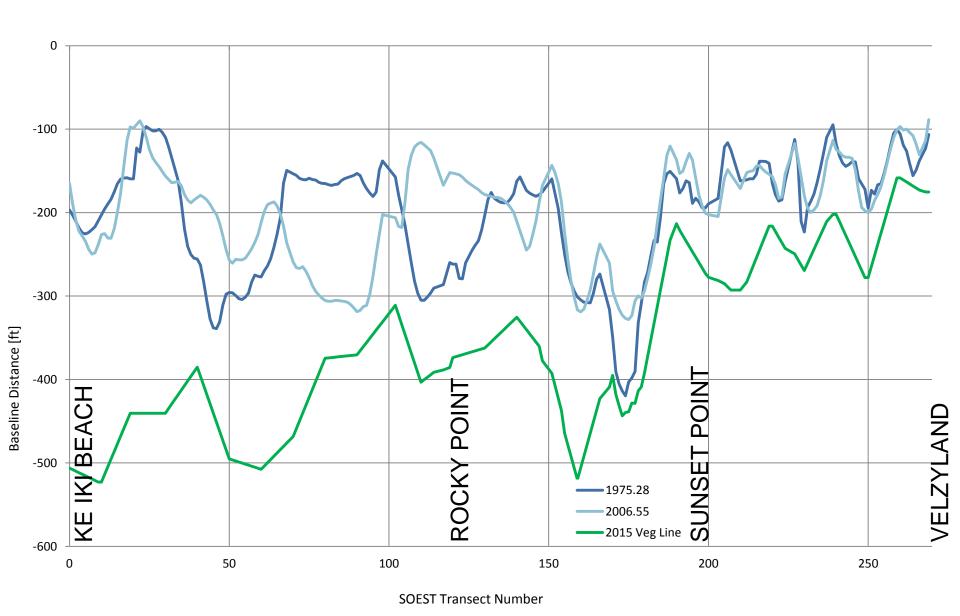
SHORELINE CHANGE 1975 – 2006 31 years



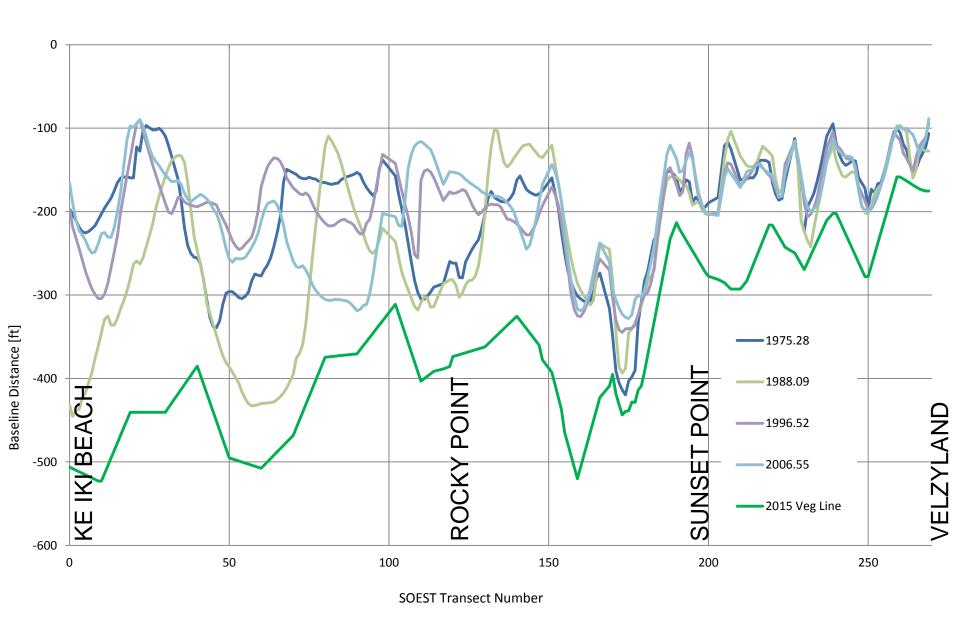
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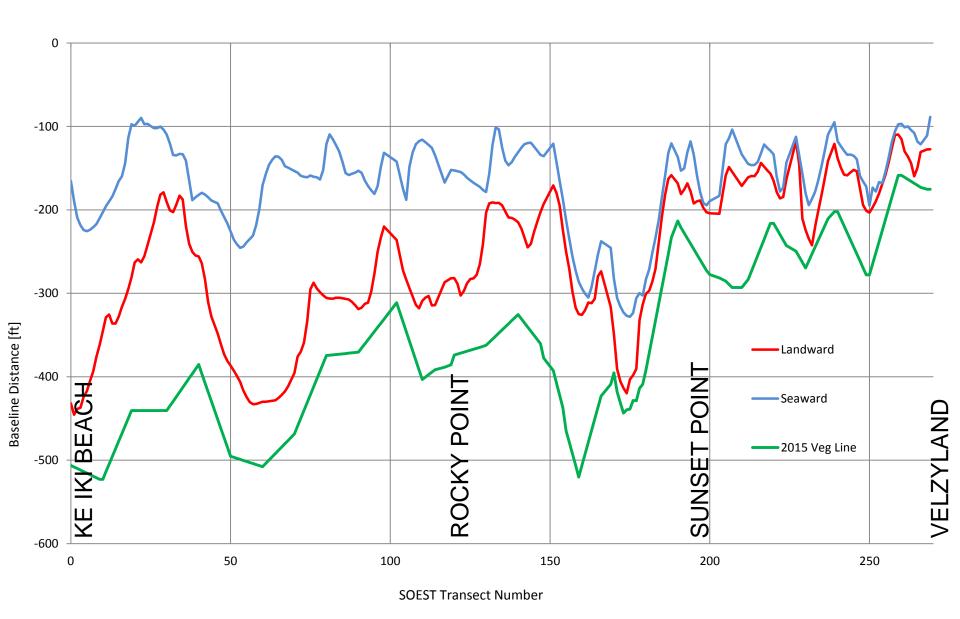
SUNSET BEACH REGION Shoreline Toe Positions for 1975 and 2006



SUNSET BEACH REGION Shoreline Toe Positions from 1975 to 2006

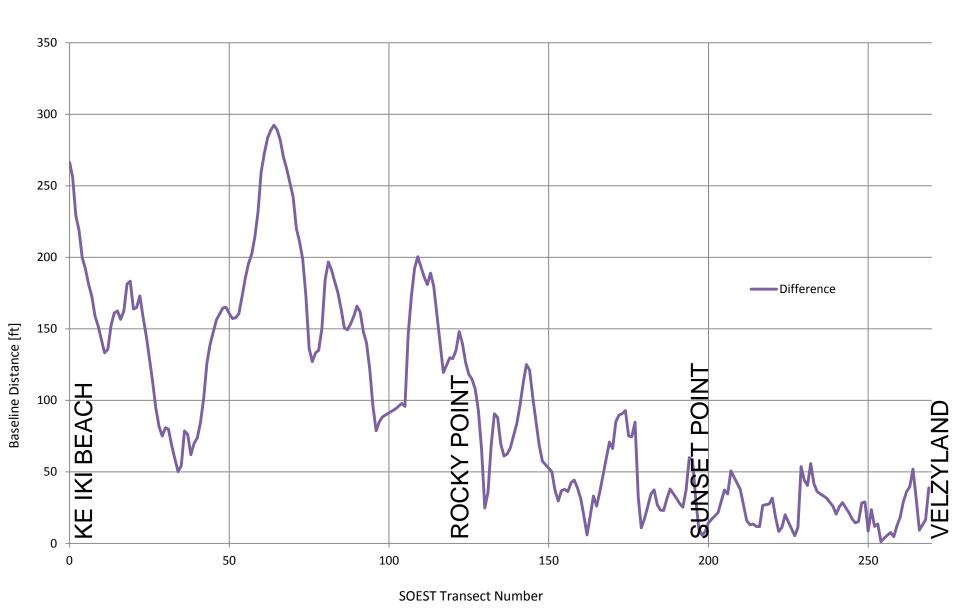


SUNSET BEACH REGION Landward and Seaward Shoreline Toe Positions from 1975 to 2006



SUNSET BEACH REGION Difference Between Landword and Seeward Shareline Tee Decitions from 1076

Difference Between Landward and Seaward Shoreline Toe Positions from 1975 to 2006

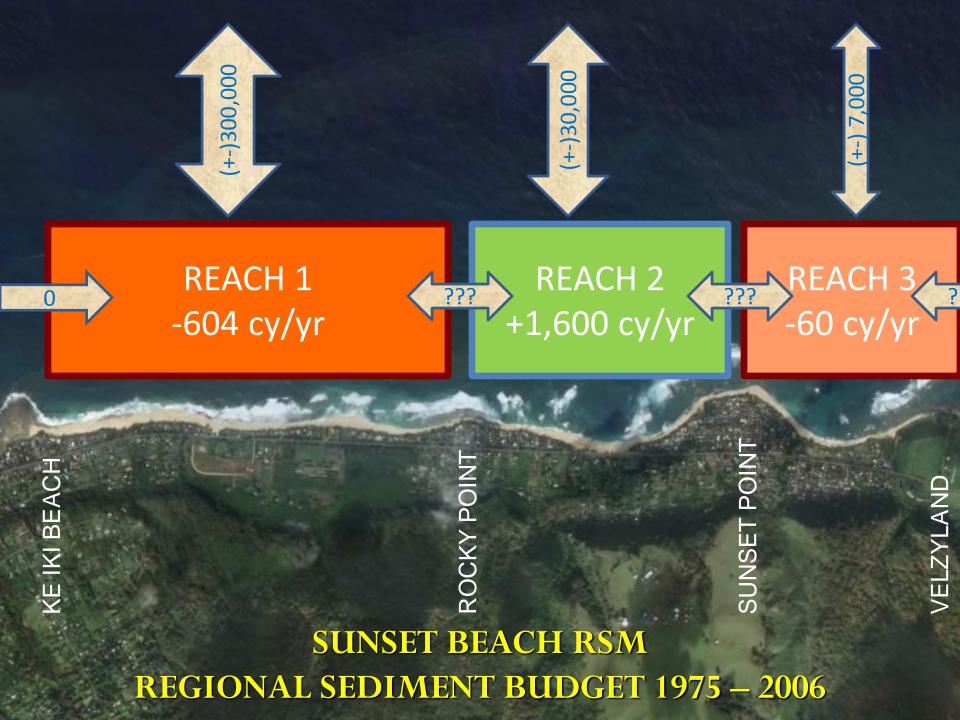


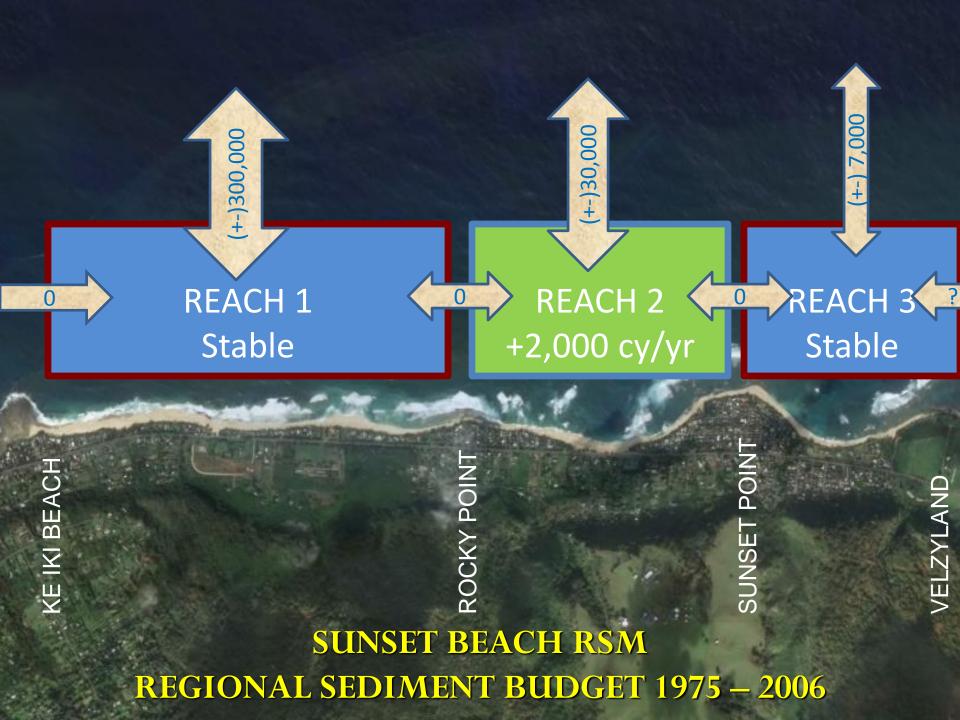
REGIONAL SEDIMENT BUDGET 1975 – 2006 31 years



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QUESTIONS

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COASTAL DATA COLLECTION

Robert Walker University of Hawaii



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WEST MAUI RSM COASTAL MODELING

Jessica Podoski Honolulu District





