HAWAII REGIONAL SEDIMENT MANAGEMENT

West Maui RSM
Workshop
August 27, 2014

Sanctuary Learning Center Kihei, HI





co-sponsored by:



AGENDA

HAWAII REGIONAL SEDIMENT MANAGEMENT (RSM)

WEST MAUI RSM WORKSHOP

Sanctuary Learning Center 726 South Kihei Rd, Kihei, HI 96753

August 27, 2014

1130 - 1145	Welcome and Introductions	Lemmo
		Shimabuku
1145 - 1200	DCM Program Overview	
1145 - 1200	RSM Program Overview	Lillycrop
1200 - 1330	West Maui RSM Investigations	Smith
	Shoreline Change	Smith
	Coastal Modeling	Podoski
	Region Sediment Budget	Podoski
	Potential RSM Projects	Smith
1330 - 1400	Break	
1400 - 1445	Perspectives	
	Federal Perspective	Shimabuku
	State Perspective	Lemmo
	Maui County Perspective	Buika
1445 - 1615	Breakouts	
	Breakout Sessions	All
	Breakout Sessions Report Outs	All
1615 - 1630	Wrap-up and Adjourn	Lemmo Shimabuku







REGIONAL SEDIMENT MANAGEMENT PROGRAM OVERVIEW

Linda Lillycrop

USACE

Engineer Research and Development Center



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FY10 KIHEI RSM KAHULUI RSM

Tom Smith
Honolulu District







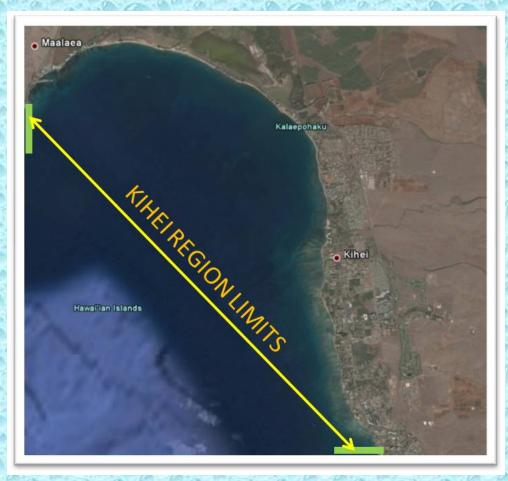
MAUI REGIONS







KIHEI REGION

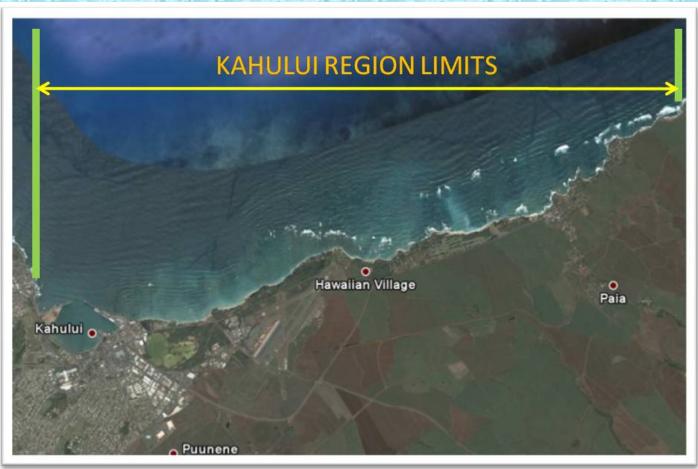




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KAHULUI REGION





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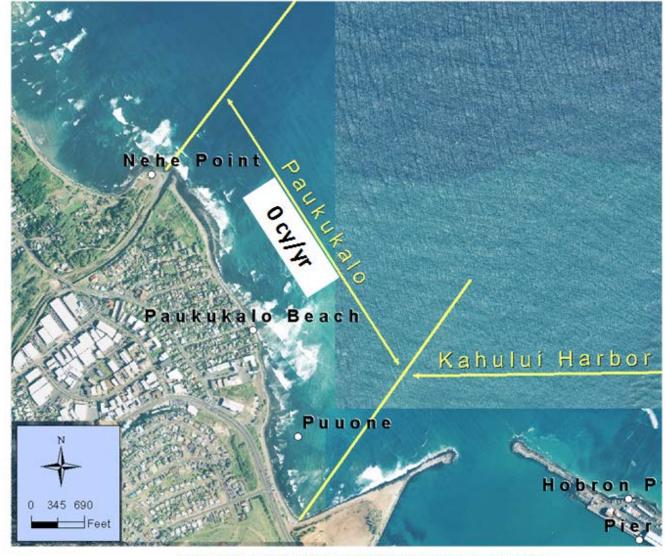
RMS PRODUCTS

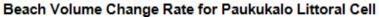
- DEVELOPED PRELIMINARY REGIONAL SEDIMENT BUDGET
- CONDUCTED INITIAL OFFSHORE SAND SOURCE INVESTIGATIONS
- IDENTIFIED POTENTIAL RSM PROJECTS
- PREPARED PRELIMINARY RSM PLAN



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Beach Volume Change Rate for Kanaha Littoral Cell



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Beach Volume Change Rate for Spreckelsville Littoral Cell



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Beach Volume Change Rate for Baldwin Park Littoral Cell



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Beach Volume Change Rate for Paia East Littoral Cell



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Beach Volume Change Rate for Hookipa Littoral Cell



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FY13 HALEIWA RSM

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Honolulu District



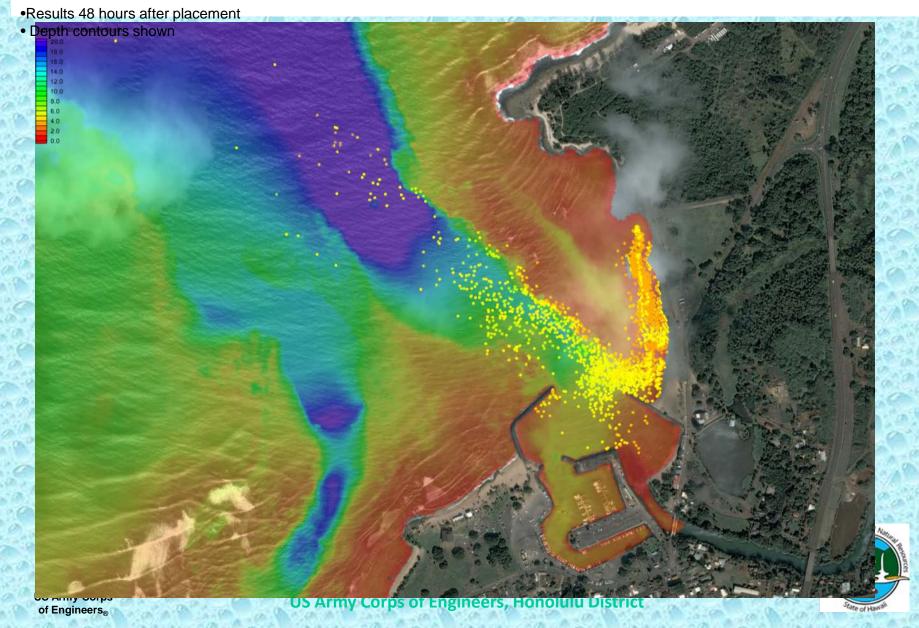




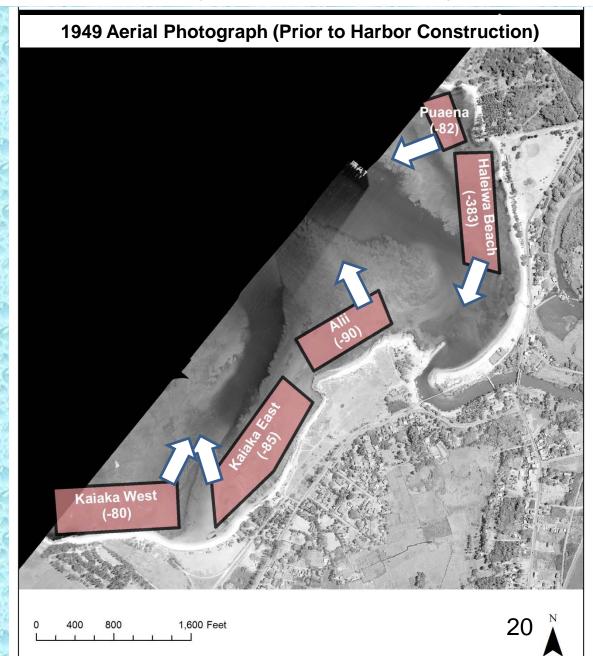


CMS Flow Currents from Steering Run (Waves ⇔ Circulation) • Approximate 10-year event (January 1998) H_o = 8.0m, Tp= 16-22s, Dir = 320 deg (NW) Velocity (m/s) 1.6 1.2 8.0

Particle Tracking Model Results for Simulated Beach Nourishment at Haleiwa Beach Park



Pre- Project Sediment Pathways







Post- Project Sediment Pathways







FY14 WEST MAUI RSM INVESTIGATIONS

Tom Smith
Honolulu District





