

Southeast Oahu Regional Sediment Management Project, Diamond Head to Pearl Harbor FY2010

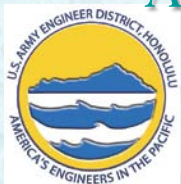
Overview of Scope of Study –

- FY2009/2010 RSM investigations focus in nearshore region from Diamond Head to Pearl Harbor (D2P)
- Scope for FY2010 includes Waikiki Remote Camera Imagery Analysis (University of Hawaii School of Ocean and Earth Science and Technology)
- Scope for FY2010 includes Shoreline Modeling with Longshore Advection and Diffusion (University of Hawaii SOEST)

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Waikiki Remote Camera Imagery Analysis:

- Data for analysis have been obtained from a camera mounted on roof of the Sheraton Waikiki for almost two years.
- Deliverables will include a report to discuss findings and results of evaluation, compilation of images, and GIS shape files.
- Further details on study will be presented by Chip Fletcher from UH SOEST.

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Shoreline Modeling with Longshore Advection and Diffusion:

- Additional modeling to be performed by University of Hawaii to supplement results from FY2009 investigation.
- Work is in progress.

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Breakout Sessions

- **Waikiki Beach Video Surveillance**
 - Brainstorm potential uses of images
 - Discuss nearshore variability
- **Fort DeRussy Sand Backpassing**
 - Discuss regulatory requirements
 - Identify potential environmental impacts
- **Beneficial Use of Dredged Material**
 - Discuss regulatory requirements
 - Reduce impairment to sediment quality

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