

Department of Ocean and Resources Engineering

Seminar

Hawaiian Coastal Hazards, Land Use and Engineering Approaches

by

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Wednesday, March 14, 2007, Holmes Hall 243

3:00-3:30 pm Coffee Hour

3:30-4:30 pm Seminar

Please join us for the coffee hour near the seminar venue a half hour before the seminar, 3:00 – 3:30 pm

Abstract

Chronic coastal erosion is an ongoing problem for Hawaii with documented and widespread beach loss and coastal erosion of public and private lands. In addition, large magnitude but episodic coastal hazards such as hurricanes and tsunamis present a serious threat to heavily developed areas of Hawaii. At the same time development in the coastal zone is undergoing unprecedented growth putting increased pressure on the coastal resources. With recent projections for global climate and sea-level change, it is critical we assess our coastal hazard zones and begin to develop a plan for dealing with the projected change in the shoreline. Proactive planning for coastal hazards and land use problems in these areas will help to protect Hawaii's valuable coastal resources.

State efforts to address these issues include: Utilize a statewide small-scale beach nourishment permit to streamline the permit process. Development of science-based standards for shoreline identification. Education: UH and DLNR are providing extension and outreach for a wide variety of stakeholders interested in beach restoration statewide and erosion issues. Completion of a very successful state-sponsored beach restoration project in Waikiki beach (January, 2007). Providing information on natural hazards and coastal land use “/Coastal Hazard Considerations for Purchasing Real Estate in Hawaii”. (August, 2006).

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