



Climate Change Adaptation

James Burke

National Disaster Preparedness
Training Center



Mission Statement

Uniquely positioned geographically and culturally, the National Disaster Preparedness Training Center at the University of Hawai'i Manoa will develop and deliver disaster preparedness, response, and recovery training to governmental, private, and non-profit entities, incorporating urban planning with an emphasis on community preparedness and vulnerable at-risk populations

National Domestic Preparedness Consortium

- Nevada Test Site (Prevention, deterrence and response to radiological/nuclear attacks)
- Energetic Materials Research and Testing Center (Explosive and incendiary materials)
- National Emergency Response and Rescue Training Center (Incident Management, EMS, Hazmat, Public Works, Threat and Risk Assessment, Senior Executive Programs)
- National Center for Bio-Medical Research and Training (Prevention, deterrence and response to terrorist acts, chem-/bio-/ag-related terrorism response)

National Domestic Preparedness Consortium

- **Transportation Technology Center, Incorporated**
(Transportation research and testing organization, providing emerging technology solutions for the railway industry)
- **National Disaster Preparedness Training Center**
(Monitoring natural hazards, evaluating risks to urban populations and planning for the response, recovery and reconstruction of areas following a disaster.)
- **Center for Domestic Preparedness** (Prevention, deterrence and response to Chemical, biological and nuclear attacks involving hazmat.)



- Our Partners

- Pacific Risk Management Ohana (PRiMO)
- Pacific Services Center (NOAA)
- International Tsunami Information Center
- Pacific Marine Environmental Laboratory
- Pacific Disaster Center
- Asia Pacific Center for Security Studies
- COE – DMHA at Tripler Hospital
- Others...



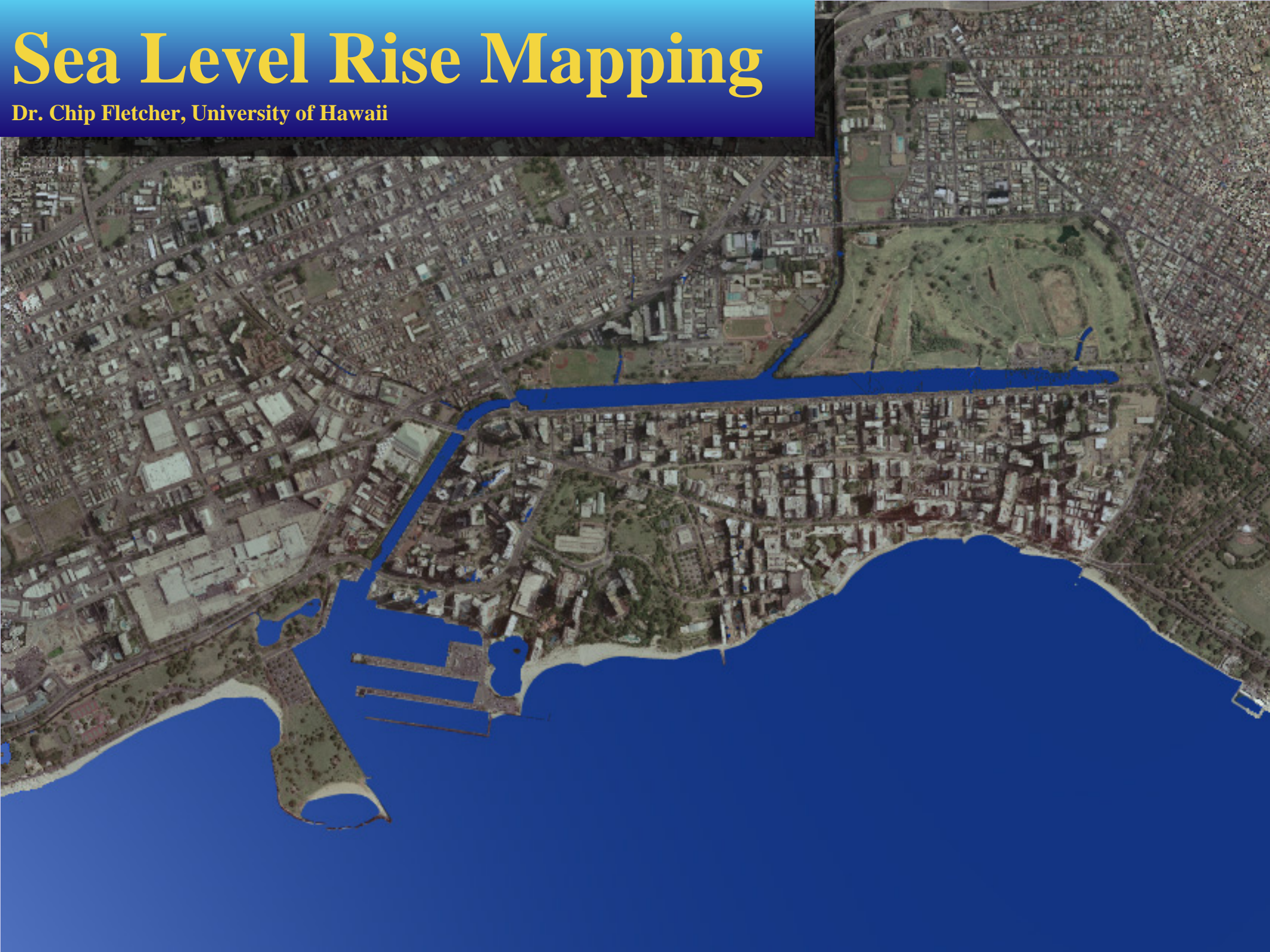
FEMA

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Sea Level Rise Mapping

Dr. Chip Fletcher, University of Hawaii



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Today's Issues

- Tropical storms and hurricanes
 - Middle Street Intermodal Center and Paratransit Facility in the 100 year floodplain.
 - Raised height of facility by 3 feet during construction
 - Must relocate 160 revenue and other vehicles during high storm surge and hurricanes

Waikiki Beach Restoration



Before
After



Before
After



Aloha and Mahalo!

