



Hawaii Resilience Symposium:

Building Resilience through Public Private Partnerships

Tuesday February 24th

YWCA, Elizabeth Fuller Ballroom

1040 Richards Street, Honolulu, Hawaii 96813

Purpose: This meeting will provide a strategy to improve the State of Hawaii’s critical infrastructure through a collaboration of governmental agencies, private industry, and academic institutions. The approach will demonstrate how a public private partnership devoted to the integration of research, education, and technological innovation can address Hawaii’s pressing critical infrastructure needs.

Objectives:

- Identify how broadband internet access is essential to building a resilient island state and the shortfalls currently leaving Hawaii at a disadvantage.
- Demonstrate how a research and development business model using a public private partnership will provide a holistic solution to address the critical infrastructure needs of Hawaii and the future needs of the State’s workforce: (Broadband, Smart grid; Water and sewer; and Advanced, technologically skilled workforce)

Agenda:

8:15 – 9:00 **Refreshments and Sign-in**

9:00 – 9:20 **Welcome and Opening Remarks**

Pono Shim, Enterprise Honolulu

Open the session to introduce the big ideas for why we are gathered.

Included in this session will be a message from **Governor David Ige** to describe the grand objective for creating a community with a knowledge-based economy that incorporates innovation with reliable and sustainable infrastructure where people want to work, live, invest, and raise their families.

- 9:20 - 9:40 **Identifying the Challenge**
Dr. Richard Berry, Pacific Outreach, US Pacific Command
Describe the critical importance of broadband as the driver for advanced security and economic development using public private partnerships.
- 9:40 -10:00 **Introduction of the Hawaii Resilience Strategy**
Senator J. Kalani English, State of Hawaii Senate
The State of Hawaii must do its part to create the opportunity for developing broadband infrastructure, supporting the technical innovation it can provide, and furthering the human capital needed to grow it in the future.
- 10:00 -10:15 **Break**
- 10:15 -11:30 **The Hawaii Resilience Strategy**
Dr. Steven Chan, Pacific-Asia Institute for Resilience and Sustainability (AIRS)
Presents the research and development strategy for designing a high tech park focused on deploying a transpacific cable that provides for the State’s broadband needs. The R&D effort will align industry participation into a cutting edge sensing and communication platform that creates an advanced ocean hazard and early warning system for Hawaii, as well as provide the foundation for developing a technologically advanced local workforce.
- 11:30 -3:00 **Information Session**
Attendees are able to go around to “Information Booths” to discuss questions with assigned experts.

Topic Areas:
• Broadband Cable and Sensors for a High Tech Park
• Buoys as Sensors and High Performance Computing
• Satellites and Unmanned Aerial Vehicles for Remote Sensing and Resilient Communities
• Building Resilient Critical Infrastructure through Local Sensing
- 12:00 – 1:00 **Lunch Provided**