

Climate Change Resilience Workshop
Tuesday, August 21st, 2012
Governor Rex Lee Auditorium, American Samoa

Resilience can refer to "the ability of a system to maintain key functions and processes in the face of stresses or pressures by either resisting or adapting to change." Two components of resiliency are the ability to absorb or resist impacts of stresses (e.g. mass bleaching, storms), and the ability to recover quickly from them. With this in mind, resilience can be applied to both ecological and social systems. Both systems should be considered when creating adaptable coral reef management plans. One clear link between the resiliency of these systems is the dependency of communities on ecological and environmental resources for their livelihoods. When environmental resources demonstrate resiliency, the communities that depend on them become more resilient. Another clear link is the dependency of environmental resources on the behavior of communities. For example, when communities manage terrestrial and social resources to become resilient to climate change, anthropological pressures on ecological resources decrease. This results in greater resiliency of ecological resources.

1:30 – 2:00 Welcome and Opening Remarks

Ray Tulafono (Director of DMWR)

Steve Palumbi (Stanford University), moderator

2:00 – 2:45 Coral Resilience

- **Dr. Doug Fenner** (10 minutes) will present on a number of current research projects taking place in American Samoa regarding coral bleaching
- **Dr. Brian von Herzen** (20 minutes) will be present on his research on using cooling to promote recovery from bleaching and even block bleaching from happening
- **Question and answer** (15 minutes)

2:45-3:00 BREAK

3:00– 4:30 Community Resilience Partnerships

- **John McCarroll (EPA)** (10 minutes)
- **Fatima Sauafea-Leau (NOAA- PIRO)** (10 minutes)
- **Netatua Pelesikoti (SPREP)** (10 minutes)
- **Bob Richmond (University of Hawaii)** (10 minutes)
- **Trina Leberer (TNC)** (10 minutes)
- **Question and Answer** (30-45 minutes)

4:30 – 5:00 - Summary of Session & Closing

Steve Palumbi (Stanford University), moderator