

Agenda

**Workshop on Climate Variability and Change in Guam:
Challenges and Opportunities
April 24-25, 2006
Hilton Hotel
Guam**

DAY 1

7:30-8:30 **REGISTRATION**

8:30-9:00 **WELCOME REMARKS**

**WELCOME AND OPENING REMARKS FROM WORKSHOP
SPONSORS**

Eileen Shea, East-West Center and NOAA IDEA Center
Genevieve Miller, NOAA National Weather Service

9:00-9:15 **OVERVIEW OF WORKSHOP OBJECTIVES AND STRUCTURE**
Eileen Shea, East-West Center

9:15-10:00 **OVERVIEW OF GUAM'S CLIMATE TODAY**
Chip Guard, National Weather Service
Temperature, rainfall, tropical cyclones, background on and impacts of El Niño-Southern Oscillation (ENSO)

10:00-10:15 **BREAK**

10:15-11:30 **CHANGING CLIMATE IN GUAM: WHY DOES IT MATTER?**
Panelists provide some brief, personal perspectives on how changing climate conditions affect their responsibilities and how better information on climate variability and change might help make better decisions in your sector.
Mike Gawel, Guam Environmental Protection Agency
Leo Espia, Guam Civil Defense
Victor Torres, Guam Coastal Management Program

**QUESTIONS AND FACILITATED GROUP DISCUSSION OF THE
IMPACTS OF TODAY'S CLIMATE AND SECTORAL IMPACTS
IN GUAM BY PARTICIPANTS**

11:30-12:15 **CONSEQUENCES OF CLIMATE VARIABILITY AND CHANGE
FOR PACIFIC ISLANDS**
Eileen Shea, East-West Center

Overview of the key findings and recommendations from 2003 report entitled “Preparing for a Changing Climate: The Consequences of Climate Variability and Change for Pacific Islands”

12:15-1:15

WORKING LUNCH

Eileen Shea, “Introduction to the NOAA Integrated Data for Environmental Applications Center”

1:15-2:00

ANTICIPATING EL NIÑO: PACIFIC ENSO APPLICATIONS CENTER (PEAC) EXPERIENCE

Cheryl Anderson, University of Hawaii and Nicole Colasacco, NOAA/PEAC

Background on PEAC; experience during 1997-1998 El Niño, current and future programs

2:00-2:45

PARTICIPANT REFLECTIONS ON 1997-1998 IN GUAM

2:45-3:00

BREAK

3:00-4:30

TABLE-TOP EXERCISE: USING EL NIÑO FORECASTS IN THE GOVERNMENT, PRIVATE, AND COMMUNITY SECTORS

Chip Guard, Cheryl Anderson, and Nicole Colasacco

4:30

ADJOURN FOR THE DAY

DAY 2

- 8:00-8:30 **TAKING STOCK AND OVERVIEW OF THE DAY**
- 8:30-8:45 **PALEO-CLIMATE RESEARCH**
John Jenson, University of Guam
- 8:45-9:00 **RECENT TRENDS IN CLIMATE CHANGE MODELING**
Chip Guard, National Weather Service
- 9:00-9:15 **QUESTIONS ON UNDERSTANDING CLIMATE RESEARCH AND MODELS**
- 9:15-9:45 **CLIMATE ADAPTATION AND MAINSTREAMING**
Cheryl Anderson for Taito Nakalevu, SPREP
Discussion of key concepts, challenges and opportunities in climate adaptation and mainstreaming including discussion of recent experience with community-based vulnerability and adaptation projects
- 9:45-10:00 **BREAK**
- 10:00-11:00 **FACILITATED DISCUSSION OF CLIMATE ADAPTATION AND MAINSTREAMING OPPORTUNITIES IN GUAM**
Small-group discussions of opportunities to enhance resilience in key sectors
- 11:00-11:15 **ROLE OF MARINE PROTECTED AREAS AND THE ALL ISLANDS CORAL REEF INITIATIVE RESPONSE TO CLIMATE CHANGE**
Dwayne Minton, National Park Service
- 11:15-11:45 **DISCUSSION ABOUT THE IMPORTANCE OF MARINE RESOURCES**
- 11:45-1:00 **WORKING LUNCH**
Video: “Youth Call for Climate Adaptation”
Video: “Hurricane Education: Learning from the 2005 Season”
Facilitated Discussion (Cheryl Anderson) about the perception of climate change, climate variability, and the tools available to address climate issues.
- 1:00 -1:45 **CLIMATE MAINSTREAMING: INFORMATION GAPS AND RESEARCH NEEDS**
Discussion of critical information and research needs associated with supporting climate adaptation and mainstreaming

1:45-2:45	KEEPING AN EYE ON THE CLIMATE SYSTEM: OVERVIEW OF GLOBAL AND REGIONAL ENVIRONMENTAL OBSERVING SYSTEMS Eileen Shea, NOAA IDEA Center Global Earth Observing System of Systems (GEOSS), Pacific Island Global Climate Observing System (PI-GCOS), Pacific Island Global Ocean Observing System (PI-GOOS) and Pacific Island Integrated Ocean Observing System (PacIOOS)
2:45-3:00	BREAK
3:00-4:00	BRAINSTORMING PACIFIC IOOS INFORMATION NEEDS
4:00-4:15	NEXT STEPS
4:15-4:30	CLOSING REMARKS