

MONDAY, JUNE 22

**PRE-CONFERENCE PROGRAM SCHEDULE**

7:30 a.m.	REGISTRATION, EXHIBITS, REFRESHMENTS <i>Royal Taga B</i>		
ROOM ASSIGNMENTS	<b>ROYAL TAGA A</b>	<b>LILAC</b>	<b>SUNFLOWER</b>
8:30 a.m.	<b>CNMI Energy Summit</b>  CNMI Energy Status Update  Renewable Energy and Energy Conservation Solutions: Here and Now	<b>Regional Stormwater and Erosion Control Meeting</b>	<b>Environmental Screening Levels Workshop</b>
10:15 a.m.	BREAK		
10:30 a.m.	<b>CNMI Energy Summit</b>  Future Renewable Energy Options for CNMI  Discussion / Q&A	<b>Regional Stormwater and Erosion Control Meeting</b> (continued)	<b>Endangered Species Workshop: Preparing for ESA Consultation</b>
12:00 p.m.	LUNCH (on your own)		
1:30 p.m.	<b>Energy Efficiency 101: Making a Case for Saving Money</b>	<b>Landfill Gas to Energy Workshop</b>	<b>Invasive Species Workshop: Hazard Analysis and Critical Control Point Plans (HACCP)</b>
3:00 p.m.	BREAK		
3:30 p.m.	<b>Plugging the Leaks: How to Reduce Energy Use in Residential and Commercial Buildings</b>	<b>Landfill Gas to Energy Workshop</b> (continued)	<b>HACCP Workshop</b> (continued)
5:00 p.m.	ADJOURN		

## CNMI ENERGY SUMMIT

Co-sponsored by CNMI Dept. of Public Works, Energy Division

Room: Royal Taga A

**Moderators:**

Ben Machol, Manager, Clean Energy and Climate Change Office, EPA Region 9  
Misty Conrad, Senior Project Leader, National Renewable Energy Laboratory

**Description:**

The Energy Summit is the kickoff meeting to ensure a long-term commitment toward reducing the CNMI's dependence on imported oil. The panels will examine the current energy situation in the CNMI, discuss the benefits of energy efficiency and conservation strategies, summarize selected renewable energy technologies (solar, wind, ocean and geothermal), and discuss the use of financial incentives. Discussion will focus on the relevance of implementing these strategies in tropical Pacific Islands.



8:30 a.m. **Welcoming Remarks:**

John McCarroll, Manager, Pacific Islands Office, EPA Region 9

8:45 a.m. **CNMI Energy Status Update**

**Speakers:**

Tony Muña, Executive Director, Commonwealth Utilities Corporation  
Thelma B. Inos, Director, CNMI Energy Division  
Dr. Herb Wade, Independent Consultant

9:30 a.m. **Renewable Energy and Energy Conservation Solutions: Here and Now**

**Speakers:**

Howard Wiig, Institutional Energy Analyst, Hawaii Department of Business, Economic Development and Tourism (Energy Efficiency)  
Misty Conrad, Senior Project Leader, National Renewable Energy Laboratory (Wind and Solar)

10:15 a.m. Break

10:30 a.m. **Future Renewable Energy Options for CNMI**

**Speakers:**

Jack Brown, US Navy (Ocean Energy Technologies)  
Dr. James Quick, Southern Methodist University (Geothermal Energy)  
Ben Machol, Manager, Clean Energy and Climate Change Office, EPA Region 9 (Financing Tools)

11:30 a.m. **Discussion / Q&A**

12:00 p.m. Lunch (on your own)

12:15 p.m. – 5:00 p.m. **CNMI Energy Steering Committee Meeting** (Invitation Only)

Room: Tapachao

Note: Invited participants in the Energy Steering Committee will receive an invitation in advance. Contact Nuria Muniz at [muniz.nuria@epa.gov](mailto:muniz.nuria@epa.gov) for more information.

## ENERGY SUMMIT CONCURRENT SESSIONS

1:30 p.m. – 3:00 p.m. **Energy Efficiency 101: Making a Case for Saving Money**

Room: Royal Taga A

**Presenters:**

Howard Wiig, Institutional Energy Analyst, Hawaii Dept. of Business, Economic Development and Tourism

David Schaller, Sustainable Development Administrator Office of Conservation and Sustainable Development, City of Tucson, Arizona

Kelly Cutchin, Energy Analyst for the DOE Weatherization Assistance Program, Washington, D.C.

**Description:** This session will make the case for energy efficiency as the first, best use of energy investment funds at both the residential and commercial scale, and will provide policy makers and others with strong tools for pursuing efficiency improvements in their own communities. Examples will be provided of successful energy efficiency strategies in both the community and corporate sectors; innovative financing mechanisms useful in addressing the first-cost of efficiency materials, products and expertise; and briefly touch on emerging energy efficiency technologies now becoming commercialized.

1:30 p.m. – 5:00 p.m. **Landfill Gas to Energy Workshop**

Room: Lilac

**Presenter:**

Tom Frankiewicz, Landfill Methane Outreach Program, U.S. EPA, Washington, D.C.

**Description:**

This workshop will provide an overview of landfill gas basics, energy projects, operation and management techniques to enhance landfill gas recovery, and tax and carbon options to finance projects. Attendees will gain a better understanding of the climate impact of landfills, opportunities to utilize landfill gas for greenhouse gas reductions and renewable energy production, and finally, how to assess project opportunities in their locality.

3:00 p.m. Break

3:30 p.m. – 5:00 p.m. **Plugging the Leaks: How to Reduce Energy Use in Residential and Commercial Buildings**

Room: Royal Taga A

**Presenters:**

Howard Wiig, Institutional Energy Analyst, Hawaii Dept. of Business, Economic Development and Tourism

David Schaller, Sustainable Development Administrator, Office of Conservation and Sustainable Development, City of Tucson, Arizona

Kelly Cutchin, Energy Analyst for the DOE Weatherization Assistance Program, Washington, D.C.

**Description:** This session will take an in-depth look at cost-effective ways to reduce energy use in residential and commercial buildings. Presenters will discuss where and what to look for when assessing a building for energy efficiency. The latest energy efficiency technologies and tools for calculating potential savings and payback will also be presented. Participants will learn how to “plug the leaks” that are draining energy from our buildings and dollars from our wallets.

3:30 p.m. – 5:00 p.m. **Landfill Gas to Energy Workshop** (continued)

Room: Lilac

## PRE-CONFERENCE MEETINGS AND WORKSHOPS

8:30 a.m. – 12:00 p.m. **Regional Stormwater and Erosion Control Meeting**

Room: Lilac

Presenters:

Brian Bearden, CNMI DEQ  
Kathleen Hermann, CNMI DEQ  
Dr. Bob Gavenda, USDA NRCS (Guam)  
Jeff Wheaton, USDA NRCS (Guam)

Description:

This session will cover similarities and differences between islands in terms of soils and rainfall characteristics, and discuss recent products that have been developed for the benefit of the Pacific Basin as a whole. Two successful stormwater and erosion control projects will be presented including their potential benefits at regional scale. The session will discuss mechanisms for sharing such resources and how to move the Pacific Basin region toward a position of leadership in the management of stormwater and erosion control in island environments.

8:30 a.m. – 10:00 a.m. **Environmental Screening Levels Workshop**

Room: Sunflower

Presenters:

Ray Masga, CNMI DEQ  
Jim Callier, CNMI DEQ

Description:

The CNMI DEQ Environmental Screening Levels were developed by Dr. Roger Brewer in 2005 under the Brownfields I28a funding for DEQ's State Response Program. The DEQ adopted the ESLs through a policy memorandum to be used as a screening tool for preliminary evaluation of the groundwater and soil condition at a contaminated site. The ESLs are not intended for making the ultimate decision to require cleanups at a contaminated site, rather as a guideline to make decision on whether further definitive evaluation of the site is required. The ESLs are used to rapidly screen soil, soil gas, and groundwater data collected for a site and identify potential environmental hazards. We encourage participants to the workshop to bring a laptop to the training so we could download the ESLs onto their computer; the laptop would also be useful for the case study exercise.

10:30 a.m. - 12:00 p.m. **Endangered Species Workshop: Preparing for ESA Consultation**

Room: Sunflower

Presenter:

Holly Herod, Senior Fish & Wildlife Biologist, U.S. Fish & Wildlife Service

Description:

This workshop will provide the background and skills to establish competence in preparing a request for consultation under Section 7 of the Endangered Species Act. Background information on Section 7 procedures will identify when Section 7 consultation is needed and the general steps that should be incorporated into pre-project planning. Detailed information will be provided so that project applicants and action agencies can identify the data needed to prepare an adequate consultation initiation package. Proficiency in consultation package development will be accomplished through classroom exercises. The focus of this workshop is to assist applicants and agencies in pre-project planning and consultation package development to facilitate Section 7 consultation.

1:30 p.m. – 5:00 p.m. **Invasive Species Workshop: Hazard Analysis and Critical Control Point Plans**

Room: Sunflower

Presenter:

Jeffrey Herod, U.S. Fish & Wildlife Service

Description:

This workshop will provide the background and skills to establish competence in developing Hazard Analysis and Critical Control Point (HACCP) plans and assist with proper implementation of these plans. Background information on HACCP will be applied to attendee's experiences. Proficiency in plan development will be accomplished through classroom exercises. The focus of this workshop is how and why HACCP is being applied to activities involving natural resources. This workshop will provide the basic elements and provide real-world situations as examples of how non-native invasive species can be inadvertently introduced by Natural Resource Managers and how this could be prevented.