

**Asia Pacific Economic Cooperation
Derelict Fishing Gear and Related Marine Debris Seminar**

**East-West Center
University of Hawaii, Manoa
1601 East-West Road**

Tuesday – January 13

- 8:00-9:00 Registration
- 9:00 – 9:30 Opening Ceremony
- “Traditional” Welcome – Ms. Kitty Simonds, Executive Director, Western Pacific Fisheries Management Council
- Chairman’s Address – Mr. Stetson Tinkham, Lead Shepherd, APEC Fisheries Working Group
- 9:30 – 12:30 Plenary Session
- 9:30 – 10:00 "Marine Debris---a Global Update on a Critical Issue for Our Oceans."
- Ms. Seba Sheavly
The Ocean Conservancy

Regional Case Studies

Derelict fishing gear and related marine debris is a costly and destructive problem facing many APEC economies. This session will focus on the experiences of four economies in the APEC region to address the derelict fishing gear and related marine debris problem. The case studies will cover issues such as damage caused by derelict fishing gear and related marine debris, research efforts to prevent or alleviate accumulation, and pertinent national policies or programs, including public and private activities.

- 10:00 - 10:30 Case Study – Hawaiian Islands
- Mr. Gregory Schorr
NOAA Fisheries – Coral Reef Ecosystem Investigation
U.S. Department of Commerce
- Dr. Mary Donohue
University of Hawaii Sea Grant College Program
School of Ocean and Earth Science and Technology

10:30 – 11:00	Morning Tea
11:00 – 11:30	Case Study – Korea Dr. Dong-Oh Cho Director of Marine Environment & Safety Division Korea Maritime Institute
11:30 – 12:00	Case Study – Australia Dr. Ilse Kiessling Oceans Liaison Officer North Australian Research Unite
12:00 – 12:30	Case Study – Chinese Taipei Dr. Don-Chung Liu Chief Secretary Fisheries Research Institute, Council of Agriculture
12:30 – 2:00	Lunch
2:00 – 2:30	Japan Dr. Toshihiro Watanabe Fishing Methods Section, National Research Institute of Fisheries Engineering Government of Japan
2:30-4:00	Panel 1 – Science and Policy The Pacific Ocean is characterized by unique circulation and flow patterns that can exacerbate the problem of derelict fishing gear and other marine debris. This panel will focus on defining the oceanographic conditions and physical environment of the Pacific Ocean and include an overview of ongoing research efforts in the region. The Panel will also discuss where and to what extent the physical environment is a factor in damage caused by derelict fishing gear and related marine debris in the APEC region.
4:00 – 4:15	Afternoon tea
4:15 – 6:00	Panel 1 continued
6:30	Opening reception East-West Center

Wednesday, January 14

9:00 – 10:30 Panel 2 – Fishing Gear and Practices

Fishing nets and gear are susceptible to loss at sea during storms, normal fishing operations and entanglement due to their size and unwieldy nature. This panel will explore the types of derelict gear and related debris most often encountered, identify practices employed by fishermen to retain their gear and discuss new technologies that may increase gear retention.

10:30 – 11:00 Morning tea

11:00 – 12:30 Panel 2 continued

12:30 – 2:00 Lunch

2:00 – 4:00 Panel 3 – Recovery, Ports and Disposal

Once fishing nets and gear have deteriorated or been too damaged to be repaired, disposing of them properly can be a challenge due to cost and a lack of readily available facilities. This Panel will discuss the challenges economies face to promote proper and safe disposal of fishing nets and gear and what technologies may be available to help alleviate the costs associated with disposal. The Panel will also examine disposal problems unique to islands and developing economies. It will explore possible ways to overcome the challenges associated with disposal, including technological solutions, with particular reference to island and developing economies.

4:00 – 4:15 Afternoon tea

4:15 – 5:30 Panel 3 continued

Thursday, January 15

9:00 – 10:30 Panel 4 – Domestic and International Regulatory Structures

A variety of national regulatory and infrastructure mechanisms pertinent to gear loss, disposal, and removal of derelict gear are in place. There may also be international legal and policy frameworks, as well as institutional mechanisms that may provide opportunities to address such issues. This Panel will discuss national measures taken and the possibilities for addressing derelict fishing gear and related marine debris nationally, regionally and internationally.

10:30 – 11:00 Morning tea

11:00 – 12:30 Panel 4 continued

12:30 – 2:00 Lunch

- 2:00 – 5:30 Plenary Session resumes
 Chairman: Mr. Stetson Tinkham
- Summary of panel discussions and seminar report and recommendations
- 5:30 – 6:00 Capstone speaker
- Ms. Holly Koehler
 Office of Marine Conservation
 U.S. Department of State

Friday, January 16 – Excursion

Technical Tour: Hawaii Metals Recycling

Participants will have the opportunity to inspect the blades and watch the heavy equipment operator pull out the nets out of a great bin and chop it up. The operation is awesome and the time it takes for the chopping operation depends on the net resistance. The chopped nets are loaded into a bin for transport to H-Power. Participants will be able to tour the operation with a HMR guide and observe from a safe distance the processing of metal debris in a large whirling chamber. Participants should dress casually in long pants and sturdy shoes. Cameras welcome.

- 9:00 First tour group departs Ala Moana Hotel
- 10:00 Arrive at Hawaii Metals Recycling
- 12:00* First tour completed
- 1:00 First tour group returned to Ala Moana
- 1:15 Second tour group departs Ala Moana
- 2:15 Arrive at Hawaii Metals Recycling
- 4:15 Second tour completed
- 5:15 Second tour group returned to Ala Moana

* Lunch on own.

- 6:30 Closing Luau Dinner
 Waikiki Aquarium
 2777 Kalakaua Ave.
 Aloha casual dress