



***Derelict Fishing Gear and Related Marine Debris:
An Educational Outreach Seminar Among APEC Partners***

ASIA PACIFIC ECONOMIC COOPERATION • JANUARY 13-16, 2004
EAST-WEST CENTER • HONOLULU, HAWAII

Tuesday – January 13

8:00-9:00 AM Registration

9:00 – 9:30 AM Opening Ceremony

Welcome – Ms. Kitty Simonds, Executive Director, Western Pacific
Regional Fishery Management Council

Chairman’s Address – Mr. Stetson Tinkham, Lead Shepherd, APEC
Fisheries Working Group

9:30 – 12:30 PM Plenary Session

9:30 – 10:00 AM "Marine Debris - An Overview of 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 AM 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 AM Morning Tea
- 11:00 – 11:30 AM Case Study – Korea
- Dr. Dong-Oh Cho
Director of Marine Environment & Safety Division
Korea Maritime Institute
- 11:30 – 12:00 PM Case Study – Australia
- Dr. Ilse Kiessling
Oceans Liaison Officer
National Oceans Office
- 12:00 – 12:30 PM Case Study – Chinese Taipei
- Dr. Don-Chung Liu
Chief Secretary
Fisheries Research Institute, Council of Agriculture
- 12:30 – 2:00 PM Lunch
- 2:00 – 2:30 PM Case Study – Japan
- Mr. Toshihiro Watanabe
Fishing Methods Section,
National Research Institute of Fisheries Engineering
Government of Japan
- 2:30-4:00 PM 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.

Moderator: Dr. Tatsuuro Matsuoka

Panelists:

1. Dr. Murray Gregory
University of Auckland
New Zealand

2. Mr. Jeff June
NW Straits Survey
Natural Resources Consultants, Inc.
Seattle, WA

3. Dr. Tatsuro Matsuoka
Faculty of Fisheries
Kagoshima University
Japan

4. Dr. Mary Donohue
University of Hawaii Sea Grant

5. Dr. Anthony L. Andrady
Research Triangle Institute
North Carolina

4:00 – 4:15 PM Afternoon tea

4:15 – 6:00 PM Panel 1 continued

6:30 PM Opening Reception
East-West Center
Garden Level
Aloha casual dress

Wednesday, January 14

9:00 – 10:30 AM 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.

Moderator:
Dr. Don-Chung Liu

Panelists:

1. Mr. Brent Paine
Executive Director
United Catchers Boats
Seattle, WA

2. Mr. Philip MacMullen
Marine Technology Manager
Seafish Authority
United Kingdom

3. Mr. Jim Cook
Pacific Ocean Producers
Honolulu, Hawaii

4. Mr. Ernesto Altamirano
Associate Scientist
Inter-American Tropical Tuna Commission (IATTC)

5. Mr. Kiyokazu Inoue
Deputy Director
Ecosystem Conservation Office Resources and Environment
Research Division
Fisheries Agency, Government of Japan

10:30 – 11:00 AM Morning tea

11:00 – 12:30 PM Panel 2 continued

12:30 – 1:30 PM Lunch

1:30-2:00 PM Photo

2:00 – 4:00 PM 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.

Moderator: Mr. Howard Wiig

Panelists:

1. Mr. Howard Wiig
Institutional Energy Analyst
Department of Business, Economic Development and Tourism
State of Hawaii

2. Mr. Sefania Nawadra
Marine Pollution Advisor
PACPOL Program
South Pacific Regional Environment Program (SPREP)
Samoa
3. Ms. Fran Recht
Pacific States Marine Fisheries Commission
Depoe Bay, Oregon
4. Mr. Joe Schmitt
Chair, Clallam County
Marine Resources Committee
Joyce, WA 98343
5. Mr. James Banigan
President
Hawaii Metals Recycling Inc
Honolulu, HI
6. Video of GENSCO Inc. cutting machine:
Mr. Eric Kingma (Western Pacific Regional Fishery Management Council)
Ms. Seba Sheavly (The Ocean Conservancy)

4:00 – 4:15 PM Afternoon tea

4:15 – 5:30 PM Panel 3 continued

Thursday, January 15

9:00 – 10:30 AM 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.

Moderator: Ms. Holly Koehler

Panelists:

1. Ms. Lindy Johnson
NOAA General Counsel
Washington, DC

2. Mr. Eric Appleyard
Commission for the Conservation of Antarctic Marine Living Resources (CCAMLR)
Australia

3. Mr. Sefania Nawadra (on behalf of IMO)
Marine Pollution Advisor
PACPOL Program
South Pacific Regional Environment Program (SPREP)
Samoa

4. LCDR Chris Curatilo
United States Coast Guard, District 14
Honolulu, Hawaii

6. Mr. Ed Araki
Honolulu Agency, Inc.
Honolulu, Hawaii

7. Mr. Rick Steiner
Marine Advisory Program
University of Alaska
Anchorage, Alaska

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| 10:30 – 11:00 AM | Morning tea |
| 11:00 – 12:30 PM | Panel 4 continued |
| 12:30 – 2:00 PM | Lunch |
| 2:00 – 5:45 PM | Plenary Session resumes
Chairman: Mr. Stetson Tinkham |
| | Summary of panel discussions and seminar report and recommendations |
| 5:45– 6:00 PM | Capstone speaker

Ms. Holly Koehler
Office of Marine Conservation
U.S. Department of State |
| 6:00 PM | Traditional Closing Ceremony |

Friday, January 16 – Excursion

Technical Tour: Hawaii Metals Recycling (HMR) and City and County of Honolulu's H-Power

Participants will be able to tour the HMR operation with a guide and observe from a safe distance the processing of debris in a large whirling chamber. In addition, participants will have the opportunity to inspect the blades and watch the heavy equipment operator pull nets out of a large bin and chop them up into small pieces. The operation is awesome and the time it takes for the chopping operation depends on the net resistance. The chopped nets are then loaded into a bin for transport to Hawaii-Power. Participants will then tour the H-Power facility.

The tour will depart from the Ala Moana Hotel at approximately 8:30 am and will return in the afternoon at approximately 1 pm.

Cameras welcome. Lunch on own.

6:00 – 9:00pm Closing Luau Dinner
Waikiki Aquarium
2777 Kalakaua Ave.
Honolulu, Hawaii
Aloha casual attire