

# WORK SESSION ON TRADITIONAL KNOWLEDGE

Sponsored by Chugach Regional Resources Commission, the Subsistence Division/Alaska Department of Fish and Game, and the *Exxon Valdez* Oil Spill Trustee Council

Tuesday and Wednesday, April 9-10, 1996  
645 G Street, Ground Floor Conference Room, Anchorage

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## Day 1

**Purpose:** Develop a set of written guidelines for community involvement and the collection and use of traditional knowledge by western scientists.

EXXON VALDEZ OIL SPILL  
TRUSTEE COUNCIL  
ADMINISTRATIVE RECORD

9:00 a.m. Invocation

Introductions

*Everyone attending will have an opportunity to introduce him/herself*

Overview of Work Session Purpose and EVOS Efforts to Date Regarding Traditional Knowledge

*Martha Vlasoff, EVOS Community Involvement Coordinator  
Subsistence Division, Alaska Department of Fish and Game*

One example of a project where protocols were established by Tribes  
*Dr. Ellen Bielawski, Keepers of the Treasures*

*Western science and traditional knowledge are two different ways of understanding the same thing. Dr. Bielawski will talk about research protocols she helped to develop with Native communities and the role that community-based research and traditional knowledge played in one case of environmental damage on Native land in Canada.*

9:30 a.m. Village Reports

*Each community facilitator will have an opportunity to share their community's observations and comments about traditional knowledge and western science*

Work to Develop Consensus on Written Guidelines

*Discussion will be facilitated by Henry Huntington, Inuit Circumpolar Conference*

### Issues:

- Steps a researcher should follow before conducting research in or near a community
- Compensation and acknowledgment for local contribution to research projects, including employment of local people
- Confidentiality of information collected

12:00 Lunch on your own

1:00 p.m. Continue Work on Written Guidelines

- Who owns the information once it's collected
- Return of research results to local communities
- Ethical guidelines
- Review of draft guidelines by communities

Closing Comments

5:00 p.m. Adjourn

## Day 2

**Purpose:** Review the protocol document from Day One, provide an opportunity for local facilitators and principal investigators to meet, and work to finalize FY 97 project proposals.

9:00 a.m. Review of draft document developed on Day One

10:00 a.m.- 5:00 p.m.

Meetings between principal investigators and local facilitators to discuss community involvement efforts planned for FY 96 or proposed for FY 97.

Meetings between local facilitators and technical assistance personnel to finalize FY 97 project proposals.

*Appointments for this day's activities will be set up through the EVOS Restoration Office. Call Cherri Womac at 278-8012 for appointment times.*

Lunch on your own again today

As time allows, work session participants may wish to attend the Native American Fish and Wildlife Society Conference at the Hilton Hotel.

**PAG Field Trip**  
**September 18-19, 1996**  
*(Homer, Port Graham, Nanwalek, Seldovia)*

Cordova, Fairbanks, Juneau, Kodiak, and Valdez PAG members will arrive in Anchorage Tuesday evening, September 17. They will depart Anchorage, back to their residence, Wednesday evening, September 19.

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**Wednesday, September 18**

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SEVENTH COUNCIL  
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- 6:50 AM Depart Anchorage (Era commercial flight). Breakfast on your own before flight.
- 7:40 Arrive Homer - met at airport by bus (LaidLaw), transported to dock
- 8:00 Board boat charter (Alaska Maritime Tours)
- 8:15 Depart Homer dock via boat charter - estimated travel time 1 hr 40 min
- 10:00 **Arrive Port Graham** (Nanwalek participants skiff over) - tour community, visit hatchery and cannery, basket weavers and/or other native artisans to display crafts — Contacts: Walter Meganack, Jr. and Fran Norman
- 11:00 Open House - held at community center. Youth dancers from Port Graham and Nanwalek to perform.
- Exxon Valdez Oil Spill 1996 Status Report*
  - FY 97 Exxon Valdez Oil Spill projects*
  - Community Involvement Project - Martha Vlasoff, Walter Meganack, Jr.*
  - Habitat Acquisition - Overlook Park*
  - Port Dick Project - Nick Dudiak or Mark Dickson (ADFG, Homer)*
  - APEX Project*
  - SOS Response - someone to address equipment acquisition and storage needs*
- 12:30 PM Lunch - in Port Graham. (Brown bag lunch from Homer or something/somewhere available in Port Graham? Walter suggested a pot-luck with community?)
- 3:00 Depart Port Graham
- 4:00 **Arrive Seldovia** - tour community, native artisans display crafts—Contacts: Fred Elvsaas, Lillian Elvsaas, Karl Pulliam
- 5:00 Dinner - Fish Bake with/by Seldovia Native Tribe? (Suggested by Kim Benton.)
- 6:30 Open House - Multi-purpose Room (City of Seldovia)
- Exxon Valdez Oil Spill 1996 Status Report*
  - FY 97 Exxon Valdez Oil Spill projects*
  - Community Involvement Project-Martha Vlasoff*
  - Habitat Acquisition - Overlook Park*
  - Port Dick Project-Nick Dudiak or Mark Dickson (ADFG, Homer)*
  - APEX Project*
  - SOS Response-Karl Pulliam*

overnight in Seldovia

Thursday, September 19

- 7:00 AM Breakfast on your own in Seldovia. There are two cafes available for breakfast; one serves traditional meals, one serves continental.
- 8:00 Depart Seldovia via boat charter (Alaska Maritime Tours)
- 9:00 Arrive Homer meet bus charter (LaidLaw) transport to Overlook Park
- 9:30 View Overlook Park
- 10:00 Pratt Museum, open 10:00 am to 6:00 pm
- 11:00 Open House - City Council Chambers  
*Exxon Valdez* Oil Spill 1996 Status Report  
 FY 97 *Exxon Valdez* Oil Spill projects  
 Community Involvement Project - Martha Vlasoff  
 Habitat Acquisition - Overlook Park  
 Port Dick Project - Nick Dudiak or Mark Dickson (ADFG, Homer)  
 APEX Project  
 SOS Response
- Noon Lunch - in Homer on own or arranged???
- 1:00 Depart Homer via flight seeing over the Kenai Fjords returning to Anchorage
- 2:00 Arrive Anchorage

## WORK SESSION ON TRADITIONAL KNOWLEDGE

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## **Traditional Knowledge Worksheet**

Prepared by Bill Simeone  
Division of Subsistence 267-2309  
Alaska Department of Fish and Game

On April 9th and 10th the Exxon Valdez Oil Spill Trustee Council is hosting a work session on traditional knowledge and oil spill restoration research. Community representatives who attend this work session will be responsible for drafting a set of research guidelines or protocols. To help participants prepare for this meeting here is an outline of issues and options to be considered at a village council or community meeting. Other options or concerns brought up during these meetings should be added to this list and brought to the work session. It is expected that each village representative will come prepared to discuss:

- the ethical principles for the conduct of scientific research
- regional research protocols for the relationship between villages and scientists
- local protocols for the conduct of research

At the end of this meeting it is expected that a set of ethics and protocols will be agreed upon and adopted by the group of village representatives, subject to final village council approval. Please return this form by **Friday April 5, 1996** so that we can collate your responses and have them available to you at the start of the work session. The fax number is **267-2450**.

### **Ethical Guidelines or Principles for the Conduct of Scientific Research**

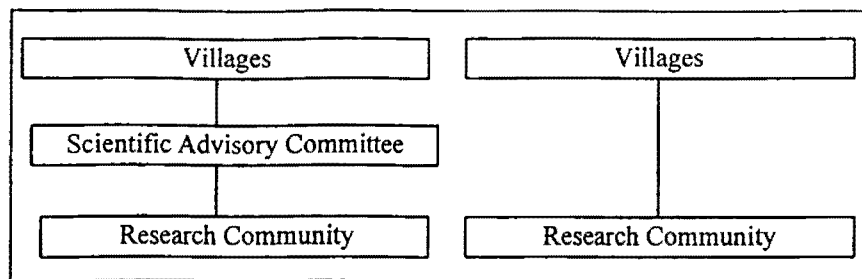
An ethics statement is a formal way of saying what you think is appropriate behavior in the relationship between Native communities and scientists. This statement sets the tone of the relationship. The Alaska Federation of Natives has adopted an ethics statement concerning scientific research (this document is attached). Some of the highlights of the AFN document include:

- informed consent
- local participation
- respect for local tradition and language
- respect for privacy, dignity, and confidentiality
- acknowledgment of local contributions
- and the return of research results to the participating communities.

**Would your community like to:**

- A. adopt this statement as is**
- B. modify it (bring suggested changes to the work session)**
- C. draft a completely new one (bring a draft ethics statement to the work session)**

The relationship between research scientists and the Native community can be structured either as a direct relationship or as a relationship mediated through a Scientific Advisory Committee.



The purpose of the scientific advisory committee is to assist the communities in areas where the committee has experience and knowledge. Final authority and decisions would always rest with tribal or local governments. Possible advisory committees could be the Chugach Regional Resources Commission or the Alaska Native Science Commission.

#### **The advantages of having a Scientific Advisory Committee**

- the committee acts as the initial contact between the Native community and scientists so village governments are not flooded by requests
- the committee would provide assistance in evaluating research projects
- the committee would monitor research projects to make sure researchers follow the guidelines they agreed on
- the committee would assist in the assessment of finished products created by scientists (reports, books, articles)
- the committee would handle legal issues related to the sharing and use of traditional knowledge
- the committee would coordinate with other efforts to collect traditional knowledge

#### **The advantages of the direct relationship are:**

- insures direct community involvement
- allows for more flexibility, dealing with research projects on a case by case basis

**Would your community prefer a scientific advisory committee?**

**Yes**

**No**



## **Regional Protocols for the Relationship Between Villages and Scientists**

The general statements adopted in the ethical guidelines can be implemented through research protocols. Protocols are specific statements about the mechanics of the relationship. They are not meant to cover every question about the research relationship but set out, in broad terms, who will be responsible for making decisions. For example, communities can decide if they want to be involved in research but only individuals can decide whether they want their names used.

The mechanism of agreement between the research community and the Native community can take various forms, such as:

- binding contract
- memorandum of agreement
- letter of agreement
- simple handshake
- village resolution based on approval of a research design

Binding contracts provide security for both parties but they must be negotiated. Funding agencies, researchers and the Native community would have to commit significant resources to the negotiation process.

In any agreement the responsibilities of the researcher and the community should be spelled out. Terms and conditions should be clear and understandable to both parties and cannot place unreasonable or unfair burdens on either. For example, where decisions and review processes are required, the parties should commit and stick to a schedule that is timely. Any conditions or limitations on the part of either party should be clearly stated. Issues to be considered in any agreement include, but are not limited to, the following:

- Researchers need to describe in appropriate detail the purpose of research
- Researchers need to identify potential benefits and possible problems of research
- Both parties need to identify research and community liaison personnel
- Both parties need to develop appropriate mechanisms for maintaining communication, including timely response to requests from either party and adhering to review schedules
- Researchers need to obtain informed consent from the community and/or individuals
- Researchers need to insure the anonymity and confidentiality of participants, if desired
- Researchers need to include traditional knowledge in research

- Both parties need to develop agreements about the control of information collected; stipulations regarding the appropriate use of traditional knowledge and coordination with other data collection efforts
- Both parties need to agree on developing a schedule for an appropriate review process of results: Researchers need to discuss the peer review process with the community and to seek their participation in the process
- Researchers need to insure community access to all forms of research data, not just summaries or final reports
- Both parties need to agree on appropriate forms of compensation
- Both parties need to agree on the providing meaningful training to local people

There will be a general discussion of these topics at the meeting but it is up to each community to decide how, or to what extent, they want to approach these issues with scientists.

## Local Protocols for the Conduct of Research

Besides the general protocols that can apply on a region wide basis, communities should generate their own set of research protocols. Community representatives should come with a set of these protocols already completed. Here are a set of questions the community may use in preparing these protocols.

1. Name and title of the person who is the primary contact for researchers

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2. Address, telephone and fax numbers for this contact person

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3. What time of day or week is best for establishing contact with this person?

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4. What is the best way to inform the community about planned research? Circle those that apply.

A. Presentation in the community

D. Teleconference

B. Newsletter or flyer

E. Other (please list)

C. Letter to the village council

5. What kinds of information does the community not want shared or written up in reports?

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6. If a researcher wants to interview community residents they need to: (Circle those that apply)

A. Set up appointments through contact person

B. Have a local assistant with them for every interview

C. Hire a translator to go to interviews with them

D. Get a signed release form from the people being interviewed

E. Other (please specify)

F. Visit the residents on his/her own

7. What are the conditions in which a research assistant should be hired?

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8. To hire a local assistant or interpreter, should the researchers go to the

- A. Village contact person
- B. The village council
- C. Other (include address, phone and fax number of other person)

9. Does the community want to be involved in each stage of the research, from design to presentation of final results?

Yes                      No                      Maybe (depending circumstances)

If No, circle which parts of the research process the community does want to be involved in.

- A. Design                      B. Proposal evaluation                      C. Field work
- D. Analysis                      E. Review of draft report                      F. Presentation of final report

10. In what form would the community like to have final results communicated to them? Circle all that apply:

- A. Letter to council    B. Newsletter to community residents    C. Teleconference
- D. Presentation outside the community    E. Presentation to the community
- F. Copy of the final report or technical paper    G. Other (Please specify)

11. Under what circumstances do researchers need permission to use photographs in their research?

- A. Photographs of the village                      B. Photographs of people
- C. Photographs of archaeological sites or cultural property    D. Historic photos

12. Should researchers try to learn about the culture of your community before visiting or trying to work with the community?

Yes                      No

If yes, how should they do this? (Please remember the easier this is the more likely researchers are to take advantage of this)

Check all that apply

- A. Read books or articles (list titles)
- B. View films or videos (list titles)
- C. View museum exhibits
- D. Contact regional organizations for information (which ones)
- E. Attend class on cross cultural communication

[illegible]

Currently there is an effort by the Alaska Federation of Natives to collect and document "indigenous knowledge systems of Alaska Native people" and to integrate this knowledge into educational programs. The project is organized under six major initiatives:

- Each of the first five initiatives will be implemented in one cultural region. The initiative to be implemented in the "Aleut Region" (which includes the oil spill communities) during 1995-96 is the "Indigenous Science Knowledge Base." The primary activity for this year is the documentation of traditional knowledge and the development of a "Regional Cultural Atlas." Villages might consider developing their own projects to collect and document traditional knowledge so that it can be incorporated into the Regional Cultural Atlas.

16.8.4 S.A. 7.4.4

Day 3 • Thursday, January 18

- 8:00 AM ..... Fisheries Management, Stock Identification and Resource Supplementation  
Session Chair: *Mark Willette, Alaska Department of Fish and Game*  
*L. Seeb* – Projects 95255 & 95320D: Pink Salmon & Sockeye Genetics  
*T. Joyce* – Projects 95320B & 95320C: Mass Marking Pink Salmon  
*D. Schmid* – Projects 95139A1 & C1, 95043B: Fisheries Habitat Restoration
- 9:30 AM ..... Information, Science Management and Administration  
*Molly McCammon, EVOS Trustee Council*
- 10:00 AM ..... Break
- 10:30 AM ..... Updating the Injured Species List and Recovery Objectives  
(Concurrent Sessions with PIs and others providing suggestions)
- 12:00 PM ..... Lunch (on your own)
- 1:30 PM ..... Alaska SeaLife Center and EVOS Science  
*Mike Castellini, University of Alaska Fairbanks*
- 2:00 PM ..... Reactions from Peer Reviewers  
Session Chair: *Robert Spies, Applied Marine Sciences & EVOS Trustee Council*  
Panel: *P. Peterson, G. Rose, C. Haney, P. Wheeler and P. Mundy*
- 3:00 PM ..... Public Comments
- 3:30 PM ..... Closing Remarks  
*Molly McCammon, EVOS Trustee Council*
- 3:45 PM ..... Adjourn



# 1996 RESTORATION WORKSHOP

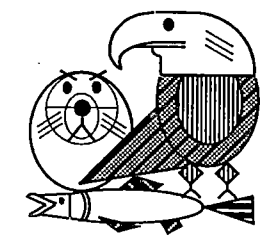
*Exxon Valdez* Oil Spill Trustee Council

January 16 – 18, 1996  
Anchorage, Alaska

## AGENDA

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# 1996 RESTORATION WORKSHOP

January 16 – 18, Anchorage

## Day 1 • Tuesday, January 16

8:00 AM ..... Registration – *Aft Deck*

9:00 AM ..... *Fore Deck* – Introduction and Annual Report on EVOS Program  
*Molly McCammon, EVOS Trustee Council*

9:30 AM ..... Traditional Ecological Knowledge and Science: Successful Examples  
*Larry Merculieff, Native American Fish & Wildlife Society*  
*Thomas Albert, North Slope Borough*

10:30 AM ..... Break

10:50 AM ..... Traditional Ecological Knowledge and Science: the EVOS Restoration Program  
Session Chair: *Sandra Schubert, EVOS Trustee Council*  
Panel: *K. Wynne, D. Gibbons, H. Huntington, D. Scheel and W. Meganack, Jr.*

12:00 NOON ... Buffet Lunch – *Aft Deck*

1:15 PM ..... Subsistence and Archaeology  
Session Chair: *Martha Vlasoff, Chugach Regional Resources Commission*  
*M. Vlasoff & W. Simeone* – Projects 95052 & 95138: Community Interaction & Subsistence  
*J. Fall & M. Reidel* – Project 95244: Harbor Seal and Sea Otter Cooperative Harvest Assistance  
*L. Yarborough & D. Reger* – Projects 95007A & B: Archaeological Sites

2:15 PM ..... Trustee Perspectives  
*Steve Pennoyer, National Marine Fisheries Service*  
*Frank Rue, Alaska Department of Fish and Game*

2:40 PM ..... Integrating EVOS Science: Ecosystem Linkages  
*Robert Spies, Applied Marine Sciences & EVOS Trustee Council*

3:15 PM ..... Break

3:45 PM ..... Environmental Characterization and Lower Trophic Levels  
Session Chair: *Ted Cooney, University of Alaska Fairbanks*  
*S. Vaughan & D. Eslinger* – Projects 95320H, G, J & M: SEA Oceanography & Plankton  
*P. van Tamelen* – Project 95086C: Herring Bay Monitoring  
*S. Jewett* – Project 95106: Subtidal (Eelgrass) Monitoring

5:30-7:30 PM... Reception and Poster Session – *Aft Deck*

6:00 – *C. Holba & J. Lawrence: OSPIC World Wide Web Home Page Demonstration*  
6:30 – *D. Mortenson: GIS Demonstration – Preliminary Status of Information Management Project*

## Day 2 • Wednesday, January 17

8:00 AM ..... Higher Trophic Levels – Forage Fish, Salmon and Herring

Session Chair: *Alex Wertheimer, National Marine Fisheries Service*  
*M. Willette* – Projects 95320A & E: Overview on Salmon Growth & Mortality  
*B. Norcross & E. Brown* – Projects 95320T & E, 95166: Overview on Herring Growth & Habitats  
*L. Haldorson* – Project 95163A: Distribution & Abundance of Forage Fish  
*D. Schmidt* – Project 95258: Plankton & Sockeye Overescapement

9:45 AM ..... Break

10:15 AM ..... Higher Trophic Levels – Mammals

Session Chair: *Kathy Frost, Alaska Department of Fish and Game*  
*K. Frost* – Project 95064: Harbor Seal Monitoring & Habitats  
*C. Matkin* – Project 95012: Killer Whale Monitoring  
*B. Ballachey & J. Bodkin* – Project 95025: Sea Otter Monitoring

11:15 AM ..... Higher Trophic Levels – Birds

Session Chair: *David Duffy, University of Alaska Anchorage*  
*J. Piatt* – Project 95163K: APEX - Lower Cook Inlet/Barren Island Seabirds  
*D. Roby* – Project 95163G: APEX - Seabird Energetics

12:00 NOON ... Buffet Lunch – *Aft Deck*

1:00 PM ..... *Birds* [continued]

*K. Kuletz* – Project 95031: Murrelet Productivity Index  
*D. Rosenberg & D. Esler* – Projects 95427 & 95025: Harlequin Duck Monitoring & Condition

2:00 PM ..... Ecosystem Dynamics and Trophic Structure

Session Chair: *Don Schell, University of Alaska Fairbanks*  
*P. Anderson* – Project 95163I: Historical Review of Gulf of Alaska Trawl Data  
*T. Kline* – Project 95320I: Food Web Studies with Isotope Tracers  
*K. Frost & D. Schell* – Projects 95064 & 95117: Harbor Seal Trophic Interactions

3:00 PM ..... Break

3:30-5:00 PM... Disease, Ecotoxicology and Oiling

Session Chair: *Stanley Rice, National Marine Fisheries Service*  
*R. Heintz* – Projects 95191A & B: Oil and Early Life Stages of Salmon  
*G. Marty* – Project 95320S: Field Assessment of Herring Disease in PWS  
*M. Castellini* – Projects 95001 & 95064: Harbor Seal Health  
*M. Babcock* – Project 95090: Oiled Mussel Beds

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## Agenda

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Restoration Retreat  
Westcoast International Inn  
3333 West International Airport Road  
243-2233

Tuesday - January 9, 1996

8:00 AM - 12:00 PM

Administrative Items

- Role of Restoration Office
  - Overall Restoration Program
  - Science Program
  - Habitat
  - OSPIC
- Role of Trustee Council Agencies
  - Liaisons
  - Program Management
  - Principal Investigators
- Agency Funding
  - Administrative Support Needs
  - Program Management
  - General Administration
  - Definitions of Direct/Indirect Costs
- FY 97 Detailed Project Descriptions
- FY 97 Budget Instructions

12:00 PM - 1:00 PM

Lunch on your own

1:00 PM - 5:00 PM

- The restoration stories to be told
  - Resource injury, status, recovery
  - Restoration process
  - Ecosystem links
- How to tell the stories
  - Scientific Community
    - Scientific conferences
    - Articles in non-Trustee, peer-reviewed literature
    - National Research Council review
    - Research "fellowships"
    - Other

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Public

- March 24th Anniversary
- Radio Programs
- OSPIC
- Newspapers and Other Printed Media
- Written Synthesis/Report
- Other

[NOTE: DETAILS OF THIS AGENDA ARE SUBJECT TO CHANGE. FOR EXAMPLE, NOT ALL PARTICIPANTS ARE FULLY CONFIRMED. MOST UNCERTAINTIES ARE NOTED WITH "?".]

[12/28/95 draft]

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**1996 RESTORATION WORKSHOP**  
**January 16-18, 1996**  
**Hotel Captain Cook, Anchorage**

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**Day 1 - Tuesday (16th)**

8:00 am      Registration

9:00      *Introduction & Annual Report on EVOS Program*  
Molly McCammon, EVOS Trustee Council

**EXXON VALDEZ OIL SPILL  
TRUSTEE COUNCIL  
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9:30      *Traditional Ecological Knowledge and Science: Successful Examples*  
Larry Merculieff, Native American Fish & Wildlife Society  
Thomas Albert, North Slope Borough

10:30      Break

11:00      *Traditional Ecological Knowledge and Science: the EVOS Restoration Program*  
Session Chair: Sandra Shubert, EVOS Trustee Council  
Panel: Wynne, Gibbons, Huntington, EVOS Community Liaison (1)

12:00 pm      Buffet Lunch (in hotel)

1:15      *Subsistence and Archaeology*  
Session Chair: Martha Vlasoff, Chugach Regional Resources Commission  
Projects 95052 & 138: Communities Interaction & Subsistence  
Vlasoff & Simeone  
Projects 95007A & B: Archaeological Sites  
Yarborough & Reger

2:15      *Trustee Perspectives*  
Steve Pennoyer, National Marine Fisheries Service  
Frank Rue, Alaska Department of Fish and Game

2:40      *Integrating EVOS Science: Ecosystem Linkages*  
Robert Spies, Applied Marine Sciences and EVOS Trustee Council

3:15      Break

3:45      *Environmental Characterization and Lower Trophic Levels*  
Session Chair: Ted Cooney, University of Alaska Fairbanks  
Projects 95320H, G, J & M: SEA Oceanography & Plankton  
Vaughn & Eslinger  
Project 95086C: Herring Bay Monitoring  
Stekoli (?)

Project 95106: Subtidal (Eelgrass) Monitoring  
Jewett

5:30-7:30 Reception (in hotel)

6:00-7:30 Poster Session (in same room as reception)

**Day 2 - Wednesday (17th)**

8:00 am *Higher Trophic Levels - Forage Fish, Salmon, and Herring*  
Session Chair: Alex Wertheimer, National Marine Fisheries Service  
Projects 95320A & E: Overview on Salmon Growth & Mortality  
Willette  
Projects 95320T & E, 166: Overview on Herring Growth & Habitats  
Norcross & Brown  
Project 95163A: Distribution & Abundance of Forage Fish  
Haldorson  
Project 95258: Plankton & Sockeye Salmon Overescapement  
Schmidt

9:45 Break

10:15 *Higher Trophic Levels - Mammals*  
Session Chair: Kathy Frost, Alaska Department of Fish and Game  
Projects: 95064: Habor Seal Monitoring & Habitats  
Frost  
Project 95012: Killer Whale Monitoring  
Matkin  
(?) Project 95025 (part): Sea Otter Monitoring  
(?) Ballachey & Bodkin

11:15 *Higher Trophic Levels - Birds*  
Session Chair: David Duffy, University of Alaska Anchorage  
Project: 95163K: Lower Cook Inlet/Barren Island Seabirds  
Piatt  
Project 95163G: Seabird Energetics  
Roby

12:00 pm Buffet Lunch (in hotel)

1:00 *Birds [continued]*  
Project 95031: Murrelet Productivity Index  
Kuletz  
Project 95427 & 025 (part): Harlequin Duck Monitoring & Condition  
Rosenberg & Esler

2:00 *Ecosystem Dynamics and Trophic Structure*  
Session Chair: Don Schell, University of Alaska Fairbanks  
Project 95163I: Historical Review of Gulf of Alaska Trawl Data  
Anderson

Project 95320I: Food Web Studies with Isotope Tracers  
Kline & Schell (?)  
Project 95064 & 117: Harbor Seal Trophic Interactions  
Frost

3:00 Break

3:30 *Disease, Ecotoxicology and Oiling*  
Session Chair: Stanley Rice, National Marine Fisheries Service  
Projects 95191A& B: Oil and Early Life Stages of Salmon  
Heintz  
Project 95320S (162): Field Assessment of Herring Disease in PWS  
Marty  
Project 95001 & 064: Harbor Seal Health  
Castellini  
Project 95090: Oiled Mussel Beds  
Babcock

**Day 3 - Thursday (18th)**

8:00 am *Fisheries Management, Stock Identification, and Resource Supplementation*  
Session Chair: Mark Willette, Alaska Department of Fish and Game  
Projects 95255 & 320D (196): Pink Salmon & Sockeye Genetics  
Seeb & Seeb  
Projects 95320B (186) & 320C (188): Mass Marking Pink Salmon  
Joyce (?)  
Projects 95139A1 & C1, 043B: Fisheries Habitat Restoration  
Schmid

9:30 *Information, Science Management, and Administration*  
Molly McCammon, EVOS Trustee Council

10:00 Break

10:30 *Updating the Injured Species List and Recovery Objectives*  
(Concurrent Sessions with PIs and others providing suggestions)

12:00 pm Lunch (on your own)

1:30 *Alaska Seafife Center and EVOS Science*  
Mike Castellini, University of Alaska Fairbanks

2:00 *Reactions from Peer Reviewers*  
Session Chair: Robert Spies, Applied Marine Sciences & EVOS Trustee Council  
Panel: Peterson, Rose, Haney, Wheeler, and Mundy

3:00 *Closing Remarks*  
Molly McCammon, EVOS Trustee Council

3:15 Adjourn

**DRAFT**

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[12/06/95 draft]

**1996 RESTORATION WORKSHOP  
January 16-18, 1995  
Captain Cook Hotel, Anchorage**

**RECEIVED**  
DEC 11 1995

**Day 1 - Tuesday (16th)**

- 8:00 am            Registration
- 9:00                *Introduction & Annual Report on EVOS Program*  
Molly McCammon
- 9:45                *Traditional Ecological Knowledge and Science:  
Successful Examples*  
Larry Mercurieff  
(2nd speaker to be determined)
- 10:30              Break
- 11:00                *Traditional Ecological Knowledge and Science: the EVOS  
Restoration Program*  
(Speakers/panel members to be determined)
- 12:00 pm           Buffet Lunch (in hotel)
- 1:15                *Integrating EVOS Science: Ecosystem Linkages*  
Robert Spies
- 2:00                *Subsistence and Archaeology*  
Session Chair: Martha Vlasoff
- 3:00                Break
- 3:30                *Environmental Characterization and Lower Trophic Levels*  
Session Chair: Ted Cooney
- 5:30-7:00          Reception and Poster Session (in hotel)

EXXON VALDEZ OIL SPILL  
TRUSTEE COUNCIL  
ADMINISTRATIVE RECORD

## Day 2 - Wednesday (17th)

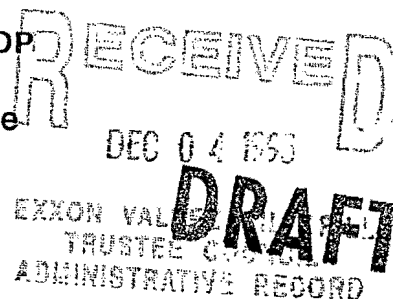
8:00 am	<i>Higher Trophic Levels - Forage Fish, Salmon, and Herring</i> Session Chair: Alex Wertheimer
9:45	Break
10:15	<i>Higher Trophic Levels - Mammals</i> Session Chair: Kathy Frost
11:15	<i>Higher Trophic Levels - Birds</i> Session Chair: David Duffy
12:00 pm	Buffet Lunch (in hotel)
1:00	<i>Birds</i> [continued]
2:00	<i>Ecosystem Structure and Functions</i> Session Chair: Don Schell
3:00	Break
3:30	<i>Disease, Ecotoxicology and Oiling</i> Session Chair: Stanley Rice

### Day 3 - Thursday (18th)

8:00 am	<i>Fisheries Management, Stock Identification, and Resource Supplementation</i> Session Chair: Mark Willette
9:30	<i>Information, Science Management, and Administration</i> Molly McCammon
10:00	Break
10:30	<i>Updating the Injured Species List and Recovery Objectives</i> (Concurrent Sessions with Pls and others providing suggestions)
12:00 pm	Lunch (on your own)
1:30	<i>Alaska Sealife Center and EVOS Science</i> Mike Castellini
2:00	<i>Reactions from Peer Reviewers</i> ("Core" peer reviewers in a panel format)
3:00	<i>Closing Remarks</i> Molly McCammon
3:15	Adjourn

1996 RESTORATION WORKSHOP  
January 16-18, 1995  
Captain Cook Hotel, Anchorage

DRAFT - 24 Nov 1995



**Day 1 - Tuesday**

- |           |  |
|-----------|--|
| 0800-0900 | Registration   |
| 0900-0945 | Introduction & Annual Report on EVOS Program<br><i>Molly McCammon</i>  |
| 0945-1040 | Keynote address (speaker to be invited)<br><i>Traditional Ecological Knowledge and Science: Successful Examples</i>                          |
| 1040-1100 | Break  |
| 1100-1200 | Panel (3-4 short presentations, followed by discussion)<br><i>Traditional Ecological Knowledge and Science: the EVOS Restoration Program</i> |
| 1200-1315 | Buffet Lunch (in hotel)  |
| 1315-1400 | Integrating EVOS Science: Ecosystem Linkages<br><i>Robert Spies</i>  |
| 1400-1500 | Subsistence and Archaeology (suggested session chair: Vlasoff)   |
| 1500-1530 | Break  |
| 1530-1700 | Environmental Characterization and Lower Trophic Levels<br>(suggested session chair: Cooney)   |
| 1730-1900 | Reception and Poster Session (in hotel)  |
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**Day 2 - Wednesday**

- |           |   |
|-----------|---|
| 0800-0930 | Higher Trophic Levels - Forage Fish, Salmon, and Herring<br>(suggested session chair: Wertheimer or Willette) |
| 0930-1030 | Higher Trophic Levels - Mammals (suggested session chair: Frost)  |



1030-1100	Break
1100-1200	Higher Trophic Levels - Birds (suggested session chair: Duffy or Irons)
1200-1300	Buffet Lunch (in hotel)
1300-1345	Birds [continued]
1345-1500	Ecosystem Structure and Functions (suggested session chair: Schell)
1500-1530	Break
1530-1715	Disease, Ecotoxicology and Oiling (suggested session chair: Rice)

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### **Day 3 - Thursday**

0800-0930	Fisheries Management, Stock Identification, and Resource Supplementation (suggested session chair: Fried or Willette)
0930-1000	Information, Science Management, and Administration <i>Molly McCammon</i>
1000-1030	Break
1030-1200	Concurrent Sessions (PIs and others provide suggestions) <i>Updating the Injured Species List and Recovery Objectives</i>
1200-1330	Lunch (on your own)
1330-1400	Alaska Sealife Center <i>Mike Castellini</i>
1400-1500	Summary Comments by Peer Reviewers (panel format)
1500-1515	Closing Remarks <i>Molly McCammon</i>
1515	Adjourn