

**AGENDA**  
**Alaska Chinook Salmon Symposium**  
**October 22-23, 2012 - Anchorage, Alaska**

**Understanding Abundance and Productivity Trends of Chinook Salmon in Alaska**

**Goal: Identify key knowledge gaps and assemble a list of research priorities to address specific questions that inform observations of Chinook salmon abundance and productivity in Alaska.**

**Monday, October 22 8:00 a.m.–8:30 a.m.**  
(Doors open and on-site registration at 7:30 a.m.)

**Introduction to Meeting**

- Eric Volk, Alaska Department of Fish and Game

**Opening Remarks**

- Commissioner Cora Campbell, Alaska Department of Fish and Game

**Monday, October 22 8:30 a.m.–12:30 p.m.**

**Session 1: Framing the Issue, Eric Volk, Session Chair.**

**8:30 – 10:30 Presentations**

- **Dr. Matt Catalano, Auburn University**
  - Abundance and productivity trends of Alaskan Chinook salmon stocks; gaining perspective on the magnitude of the problem.
- **Dr. Jim Fall, ADF&G**
  - Chinook Salmon Subsistence Harvests in Alaska: Recent Patterns and Trends.
- **John Linderman/Tom Vania, ADF&G**
  - Chinook salmon management challenges in Western and Central Alaska.
- **Dr. Jim Ianelli, NOAA, Alaska Fisheries Science Center**
  - Studies to understand Chinook salmon distribution in the pollock fishery: Evaluating impacts and developing measures to reduce bycatch

**Panel Members**

- Doug McBride, U.S. Fish and Wildlife Service
- Dr. Courtney Carothers, University of Alaska
- Dan Bergstrom, ADF&G
- Caroline Brown, ADF&G
- ADF&G Chinook salmon research team

**10:30 – 10:50 Break**

**10:50 - 12:00** Facilitated Panel discussion with written prompts from attendee comment cards.

**12:00 – 12:30** Facilitated Panel/attendee interaction with prompts from attendees with cordless microphones.

**12:30 p.m. – 2:00 p.m.** Lunch Break

**Monday, October 22 2:00 p.m.–6:00 p.m.**

**Session 2: Chinook Stock Assessment in Alaska, Robert Clark, Session Chair.**

**2:00 p.m. – 4:00 p.m. Presentations**

- **Dr. David Bernard, D R Bernard Consulting (retired ADF&G)**
  - Understanding Productivity of Chinook Salmon: Comments on the Accuracy and Precision of Scientific Information
- **Phil Richards, ADF&G**
  - Implementing coded wire tag projects in large rivers to estimate Chinook salmon smolt abundance, harvest, and survival.
- **Dr. Shawn Narum, Columbia Inter-tribal Fisheries Commission**
  - Use of parental-based genetic tagging as an innovative tool to estimate adult and juvenile abundance.
- **Bill Templin, ADF&G**
  - Using genetic tools to inform management of Alaska Chinook salmon: current capabilities and outlook.

#### **Panel Members**

- **Dr. Milo Adkison, University of Alaska**
- **Dr. Daniel Schindler, University of Washington**
- **Dr. Randall Peterman, Simon Fraser University (retired)**
- **Steve Fried, U.S. Fish and Wildlife Service, Office of Subsistence Management**
- **Dr. Jim Fall, ADF&G**
- **ADF&G Chinook salmon research team**

**4:00 – 4:20** Break

**4:20 - 5:30** Facilitated Panel discussion with written prompts from attendee comment cards.

**5:30 – 6:00** Facilitated Panel/attendee interaction with prompts from attendees with cordless microphones.

**Tuesday, October 23 8:00 a.m.–12:00 p.m.**

**Session 3: Ecology and Stock Assessment of Chinook Salmon In the Marine Environment, Eric Volk, Session Chair.**

**8:00 -10:00 Presentations**

- **Dr. Phil Mundy, NOAA, Ted Stevens Marine Research Institute**
  - Integrated understanding of oceanographic, atmospheric, and biological variables in nearshore marine habitats to inform our understanding of Chinook salmon trends in Alaska.
- **Dr. Ed Farley, NOAA, Ted Stevens Marine Research Institute**
  - How nearshore marine surveys contribute to a better understanding of early marine survival of Chinook salmon in the Bering Sea and improve forecasts.
- **Joe Orsi, NOAA, Ted Stevens Marine Research Institute**
  - How nearshore marine surveys contribute to a better understanding of early marine survival of Chinook salmon in the Gulf of Alaska and improve forecasts.
- **Dr. Kate Myers, University of Washington (retired)**
  - Ecology of Alaska Chinook Salmon in the Open Ocean

**Panel Members**

- **Jim Murphy, NOAA, Ted Stevens Marine Research Institute**
- **Dr. Katie Howard, ADF&G**
- **Bill Heard, NOAA, Ted Stevens Marine Research Institute**
- **Dr. Jim Ianelli, NOAA, Alaska Fisheries Science Center**
- **ADF&G Chinook salmon research team**

**10:00 – 10:20 Break**

**10:20 - 11:30 Facilitated Panel discussion with written prompts from attendee comment cards.**

**11:30 – 12:00 Facilitated Panel/attendee interaction with prompts from attendees with cordless microphones.**

**12:00 p.m. – 1:30 p.m. Lunch Break**

**Tuesday, October 23 1:30 p.m.–5:30 p.m.**

**Session 4: Role of Hatchery Research and Production in Addressing Observed Trends, Robert Clark, Session Chair.**

**1:30-3:30 Presentations**

- **Dr. John Burke, Southern Southeast Regional Aquaculture Association**
  - Chinook Enhancement in the Current Alaska Hatchery Program.
- **Bill Heard, NOAA**
  - Review of Chinook Salmon Enhancement and Relevant Issues in Southeast Alaska, 1979-2012.
- **Ron Josephson, ADF&G**
  - How available information from coded-wire tagging of hatchery populations provides better understanding of Chinook salmon marine survival in Alaska.
- **Dr. Kerry Naish, University of Washington**
  - Key information needs to understand balance between risk and benefit of hatchery supplementation of Chinook salmon.

**Panel Members**

- **Sam Rabung, ADF&G**
- **Gary Fandrei, Cook Inlet Regional Aquaculture Association**
- **Jeff Milton, ADF&G**
- **John Joyce, NOAA, Ted Stevens Marine Research Institute**
- **ADF&G Chinook salmon research team**

**3:30 – 3:50 Break**

**3:50 - 5:00 Facilitated Panel discussion with written prompts from attendee comment cards.**

**5:00 – 5:30 Facilitated Panel/attendee interaction with prompts from attendees with cordless microphones.**

**Summary and Closing Remarks: Robert Clark, Alaska Department of Fish and Game.**