



November 7, 2012

Central Mat-Su Public Safety Building, 101 W. Swanson Avenue, Wasilla

8:30 Registration

9:00 Welcome

Frankie Barker (Matanuska-Susitna Borough)

Tribal Welcome

Warren Keogh (Matanuska-Susitna Borough Assembly)

9:30 Keynote Address: Straight Talk About the Future of Salmon – Bob Lackey (Oregon State University)

Introduction by Katrina Mueller (US Fish & Wildlife Service)

10:30 Networking Break

11:00 Planning & Economic Valuation

Moderator: David Wigglesworth (US Fish & Wildlife Service)

*Identifying Priority Management Information Needs via Landscape Conservation
Cooperatives* – John DeLapp (US Fish & Wildlife Service)

Build-out and Density Study- Emerson Krueger (Mat-Su Borough)

Strategic Conservation in the Mat-Su Borough – Kim Sollien and Phil Shephard (Great Land
Trust)

Valuing Nature: What are Ecosystem Services Worth in the Mat-Su?– Corinne Smith (The Nature
Conservancy)

Fiscal Analysis of Alternative Land Use Scenarios in the Mat-Su Borough – Steve Colt (Institute
for Social & Economic Research)

12:15 LUNCH

1:15 Unpublished Lessons Learned from the Salmon 2100 Project – Bob Lackey

Moderator: Ann Rappoport (US Fish & Wildlife Service)

*An interactive session with Bob Lackey to discuss lessons learned from the Salmon 2100 Project
and their application in keeping abundant wild salmon returning to Mat-Su waters.*

2:15 Tidbits

Moderator: Amber Bethe (Alaska Department of Fish & Game)

*Please sign up at the registration desk to present a 3 minute project summary or announcement.
If you have a slide or two to project (maximum 2 slides), please load them by the end of lunch.*



2:30 Poster Session

Poster authors will be on hand to answer questions about their project.

Swiftwater Creek Cooperative ATV/ORV Outreach, Trail and Restoration Plan Pilot Project, Mat-Su Borough - Katrina Mueller (US Fish & Wildlife Service) and John Paszalek (Wasilla Soil & Water Conservation District)

Invasive Aquatic Weed "Attacks" in the Mat-Su Basin – Chuck Kaucic (Wasilla Soil & Water Conservation District)

Mat-Su Stormwater Assessment – Laura Eldred (Alaska Department of Environmental Conservation)

Great Land Trust Conservation Easements – Kim Sollien and Phil Shephard (Great Land Trust)

Matanuska Delta Salmon Counts – Ralph Hulbert (AlaskChem Engineering)

Wetlands and Climate of Cook Inlet Basin – Mike Gracz (Kenai Watershed Forum & University of Minnesota)

Habitat Variables and Their Effect Upon Single-pass Backpack Electrofishing Sampling Efficiency within an Alaskan Headwater System – Kevin Foley (University of Alaska, Fairbanks)

Little Su River Salmon Recovery Plan– Jack Harrison (Upper Cook Inlet Sportfish Association)

3:00 Hydrology & Wetlands

Moderator: Eric Rothwell (National Oceanic & Atmospheric Administration)

Shallow Groundwater in the Matanuska-Susitna Valley, Alaska – Colin Kikuchi (US Geological Survey) (note: this presentation is 30 minutes)

Rain, Snow, and Glacier Ice: Streamflow Drivers in the Susitna River Basin, Alaska – Janet Curran (US Geological Survey)

Wetland Classification and Mapping of Priority Matanuska-Susitna Borough Watersheds – Mike Gracz (Kenai Watershed Forum and University of Minnesota)

4:00 Announcements & Adjourn

4:00- Social Hour

6:00 Grape Tap, 322 Boundary St., Wasilla

Come visit with your colleagues and meet Bob Lackey. The Mat-Su Salmon Partnership is providing appetizers, and a cash bar will be available.



November 8, 2012

Central Mat-Su Public Safety Building, 101 W. Swanson Avenue, Wasilla

8:30 Registration

9:00 Stream & Fish Passage Restoration

Moderator: Catherine Inman (Mat-Su Conservation Services)

Status of Mat-Su Fish Passage Program – Bill Rice (US Fish & Wildlife Service)

The Assessment of Road Crossing Migration Barriers to Juvenile Pacific Salmon – Jeff Davis
(Aquatic Restoration & Research Institute)

Inventory of Salmon and Off-road Vehicle Trail Distribution in the Knik River Public Use Area –
Casey Smith (US Fish & Wildlife Service)

*Off-road Vehicle (ORV) Stream Crossings in the Matanuska-Susitna Borough: Initial Findings of
Impacts on Turbidity Levels and Channel Morphology* – Scott Graziano (Alaska Pacific
University)

Cottonwood Creek Mapping Project – Louisa Branchflower (Palmer Soil & Water Conservation
District)

McRoberts Creek Fish Habitat Restoration and Trail Maintenance Project – Brian Winnestaffer
(Chickaloon Village)

Streambank Restoration Successes Along Private Property on Wasilla & Little Meadow Creeks
– Chuck Kaucic (Wasilla Soil & Water Conservation District)

10:45 Networking Break

11:15 Climate Change & Invasive Species

Moderator: Jeff Davis (Aquatic Restoration & Research Institute)

*Stream Temperature Action Plan: Steps to Protect Alaska's Wild Salmon Habitat from the
Impacts of Thermal Change* – Sue Mauger (Cook Inletkeeper)

An Invasive Aquatic Plant, Elodea, Threatens Alaska's Fisheries and Aquatic Resources – Cecil
Rich (US Fish & Wildlife Service)

11:45 Strategies of the Mat-Su Salmon Partnership

Corinne Smith (The Nature Conservancy)

12:00 LUNCH



1:00 Open Space Discussion Groups

Moderator: Sue Rodman (Alaska Department of Fish & Game)

Discussion topics stem from proposals received before the Symposium, and include some subjects intended to assist in the updating of the Salmon Partnership Strategic Action Plan. Additional ideas can be suggested on the signup sheet at the registration desk during the symposium. You may attend multiple discussion groups. Topic numbers will be placed on tables. There will be time for each group to report back to all participants.

1. Science Needs for Salmon Habitat Conservation
2. Outreach Tools for Fish Habitat Partnerships
3. Ensuring Fish Passage at Roads and Railroads
4. Conserving Priority Wetlands for Salmon
5. Invasive Species in Mat-Su Waters
6. Climate Change Impacts to Water Quality and Quantity
7. Motorized Off-road Recreation & Salmon
8. Thriving Fish and Growing Communities in the Mat-Su
9. Understanding and Protecting Ground and Surface Waters
10. Balancing our Salmon Resource with Large-scale Resource Development
11. Where Have All the Salmon Gone?
12. Importance of Overwintering Habitat for Juvenile Salmon

2:15 Networking Break

2:30 Tidbits

Moderator: Janet Curran (US Geological Survey)

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2:45 Salmon Distribution & Habitat Use

Moderator: Doug McBride (US Fish & Wildlife Service)

Juvenile Salmon Use of Knik Arm Estuaries – Hannah Ramage (Aquatic Restoration & Research Institute)

Chinook Salmon Surveys in Northern Cook Inlet, 2000-2012 – Suzanne Hayes (Alaska Department of Fish & Game)

Migratory Pathways and Overwintering Habitat Use by Juvenile Coho Salmon in Big Lake, Alaska – Jon Gerken (US Fish & Wildlife Service)

Identification of Cold Water Inputs Utilization by Juvenile Coho Salmon in the Big Lake Watershed – Joshua Ashline (US Fish & Wildlife Service)

3:45 Conclusions

Cecil Rich (US Fish & Wildlife Service)

4:00 Adjourn