



Wednesday November 18, 2015

Palmer Community Center (Depot), 610 S. Valley Way, Palmer

8:30 Registration

9:00 Symposium Welcome

9:20 Keynote Address: *Communicating the Miracle of Salmon* – Richard Nelson

10:15 Networking Break

10:45 Mapping Water & Salmon Resources & Their Economic Value

Mat-Su Basin NHD Update: Lessons Learned – Andy Robertson (Saint Mary's University of Minnesota)

Salmon Habitat Mapping for Landscape-scale Planning in the Matanuska-Susitna Basin – Christine Woll (The Nature Conservancy)

The Economic Value of Salmon Habitat in the Mat-Su – Corinne Smith (The Nature Conservancy)

The Economic Geography of Salmon: A Conceptual Framework and Preliminary Characterization of the Spatial Distribution of Economic Values Associated with Salmon in the Mat-Su Basin Alaska – Davin Holen (Cultural Research North)

The Return on Investment of Mat-Su's Open Space – Maya Kocian (Earth Economics)

12:00 LUNCH

1:00 Communicating the Miracle of Salmon through Film

Enjoy fish and fish habitat related short films made in the Mat-Su!

1:30 Hydropower & Salmon

Eklutna Dam Removal Project – Brad Meiklejohn (The Conservation Fund)

Riparian Instream Flow Study for the Susitna-Watana Hydroelectric Project – Michael Mazzacavallo (R2 Resource Consultants)

2:00 Tidbits

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 Break



2:45 Planning & Prioritization

Tyonek Area Watershed Action Planning – Christy Cincotta (Tyonek Tribal Conservation District)

Cold Water Habitat Use by Juvenile Salmon Directing Conservation in the Big Lake Basin – Sue Mauger (Cook Inletkeeper)

Prioritizing Riparian Habitat: an Update of on- the-Ground Conservation – Tess Frenchik (Great Land Trust)

Efforts to Prioritize Fish Passage Barrier Removal and Instream Flow Reservations in the Mat-Su Basin – Franklin Dekker (U.S. Fish and Wildlife Service)

Using Construction Opportunities to Increase Green Infrastructure – Cindy Gilder (Alaska Department of Environmental Conservation)

4:00 Announcements & Adjourn for Daytime Portion of Symposium

4:00– Evening Social & Poster Session

6:00 Palmer Community Center (Depot), 610 S. Valley Way, Palmer

Come visit with your colleagues and our keynote speaker. Poster authors will be on hand to answer questions about their projects and are encouraged to stay with their posters for the first half hour of the evening social. The Mat-Su Salmon Partnership is providing appetizers from Turkey Red and a cash bar will be available.

6:30– Evening Public Presentation: *Salmon Miracle* – Richard Nelson

7:30 Palmer Community Center (Depot), 610 S. Valley Way, Palmer

Everyone is welcome to come hear Richard Nelson talk about the Miracle of Salmon in our backyard!



Thursday November 19, 2015

Palmer Community Center (Depot), 610 S. Valley Way, Palmer

8:30 Registration

9:00 Symposium Welcome

9:15 Water Quality & Flows for Salmon

The Effects of Land Use and Climate Change on Lake Water Quality in the Matanuska-Susitna Valley, Alaska – Matt McMillan (Alaska Pacific University)

Analyzing Peatland Discharge to Streams in an Alaskan Watershed: An Integration of End-member Mixing Analysis and a Water Balance Approach – Mike Gracz (Kenai Watershed Forum)

Fish Passage Design: Meadow Creek – Heidi Robuck (DOWL)

10:00 Aquatic Invasive Species *Elodea*

Invasive Elodea: Management Actions in Alaska and the Future of the Mat-Su – Heather Stewart (Department of Natural Resources)

Expert Probability Elicitation Through Adaptive Choice: The Risk of Elodea Spp. for Salmonid Persistence in Alaska – Tobias Schwoerer (Institute of Social and Economic Research)

10:30 Networking Break

11:00 Mat-Su Salmon Partnership Accomplishments & Priorities

Efforts of the Mat-Su Salmon Partnership: How are we Doing Toward Keeping Wild Abundant Salmon in the Mat-Su? – Jessica Speed (Mat-Su Salmon Partnership)

Index Watersheds: Tracking Change Within and Across the Mat-Su Basin – Jeff Davis (Aquatic Restoration and Research Institute)

Prioritizing Conservation Strategies of the Partnership – Corinne Smith (The Nature Conservancy)

12:00 King Makers

There are “King Makers” Among Us – Kim Sollien (Great Land Trust)

12:15 LUNCH

1:15 Tools for Tracking Fish

Fish Tracker: A GIS Tool for Analyzing Radio-tagged Fish Migration – Gayle Neufeld (Alaska Department of Fish and Game)

Site Selection, Operating and Maintenance of Fish Wheels for Salmon Capture in the Susitna River Drainage – Stephen Dotomain (Alaska Department of Fish and Game)



1:45 Tidbits

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2:15 Networking Break

2:30 Salmon Studies

Monitoring Juvenile Salmon in Mat-Su Basin Streams – Jeff Davis (Aquatic Restoration and Research Institute)

Inriver Run Abundance of Chinook Salmon, Susitna River, 2014 – Pete Cleary (Alaska Department of Fish and Game)

Spawning Distribution of Susitna River Chinook Salmon in 2014 – John Campbell (Alaska Department of Fish and Game)

Northern Cook Inlet Chinook Salmon Marine Harvest – Adam St. Saviour (Alaska Department of Fish and Game)

*Seasonal Movements and Habitat Use of Rainbow Trout (*Oncorhynchus mykiss*) in the Susitna River Basin, Southcentral Alaska – Jeff Falke (U.S. Geological Survey)*

3:45 Conclusions

4:00 Adjourn