



Wednesday November 14, 2018

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

8:30 Registration and Coffee/Snacks

9:00 Symposium Welcome

Brianne Blackburn (Mat-Su Basin Salmon Habitat Partnership Steering Committee Member; Environmental Planner, Mat-Su Borough)
Theo Garcia (Council Member, Knik Tribe)
Dan Mayfield (Assembly Member, Mat-Su Borough)

9:30 Keynote Address, Langdon Cook

Living on the Wild Side: Sustaining Our Age-Old Bond with Pacific Salmon
Introduction: Ted Eischeid (Mat-Su Borough)

10:30 Networking Break

11:00 Managing our Watersheds for Thriving Salmon

Moderator: Matthew LaCroix (U.S. Environmental Protection Agency)
State of the Kings: Update on the Statewide Chinook Salmon Research Initiative
Bill Templin and Jim Hasbrouck (Alaska Department of Fish and Game)
Assessing Watershed Integrity in the Matanuska-Susitna Basin
Kelsey Aho (U.S. Environmental Protection Agency)
Wetland Loss Assessment by Type and Watershed in an Expanded Core Area of the Matanuska Susitna Borough
Michael Gracz (Kenai Watershed Forum)
Remediating Stormwater Runoff: A Local Solution
Catherine Inman (Mat-Su Conservation Services)

12:00 LUNCH

1:00 Implementing Habitat Conservation

Moderator: Sue Mauger (Cook Inletkeeper)
Great Land Trust Overview of Projects in the Matanuska-Susitna Borough
Libby Kugel (Great Land Trust)
Fish Passage in the Mat-Su Borough: Progress and Goals
Gillian O'Doherty (Alaska Department of Fish and Game)
Mat-Su Trails and Parks Foundation and Salmon Habitat
Kim Sollien (Mat-Su Trails and Parks Foundation)
Brief Update on Fish Habitat Partnership Activities Across the State

2:00 Break

2:15 Tidbits

Moderator: Daniel Rinella (U.S. Fish and Wildlife Service)
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**

Moderator: Carrie Brophil (Native Village of Eklutna)

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

Quantification of ORV Impacts in Riparian Areas within the Mat-Su

Libby Benolkin and Franklin Dekker (U.S. Fish and Wildlife Service)

The Mat-Su Fish and Wildlife Commission: Past, Present, and Future

Brianne Blackburn and Larry Engel (Mat-Su Borough Fish and Wildlife Commission)

Modern and Traditional Tools Used in Salmon Processing and Harvesting

Kayla Horning (University of Alaska Anchorage Student)

Collaborative Invasive Species Management in the Tyonek Tribal Conservation District

Jillian Jablonski (Tyonek Tribal Conservation District)

Mat-Su Habitat Restoration and Protection Cost Share Program

Jessica Johnson (Alaska Department of Fish and Game)

Mat-Su Salmon Partnership Strategic Focus: Update and Feedback

Jessica Speed (The Nature Conservancy) and Partnership Steering Committee Members

Updated Streamlines in the Tyonek Area

MaryKate Swenarton and Franklin Dekker (U.S. Fish and Wildlife Service)

What Does it Mean to be Ethical?

Ryan Viola

3:15 **Invasive Northern Pike: Updates and Impacts**

Moderator: Samantha Oslund (Alaska Department of Fish and Game)

Impacts of Invasive Northern Pike in the Susitna Drainage

Tim McKinley, Parker Bradley and Kristine Dunker (Alaska Department of Fish and Game)

Shell Lake Project Update on Invasive Northern Pike

Andrew Wizik (Cook Inlet Aquaculture Association)

Invasion of Northern Pike in the Threemile Creek Drainage: Background and Updates from Tyonek Tribal Conservation District

Jillian Jablonski (Tyonek Tribal Conservation District)

4:00 **Announcements and Adjourn**

Moderator: Catherine Inman (Mat-Su Conservation Services)

5:30 - **Wild and Local Foods Dinner with Keynote Speaker Langdon Cook**

7:00 Join us for dinner, book reading and signing with Langdon Cook, author of *Upstream: Searching for Wild Salmon, from River to Table*.

Turkey Red, 550 S. Alaska St, Palmer

Everyone Welcome. Pre-registration required. Doors open at 5 pm, \$30/person.



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8:30 Registration and Coffee/Snacks

9:00 Symposium Welcome

Jessica Speed (Mat-Su Basin Salmon Habitat Partnership Coordinator, The Nature Conservancy)

9:15 Data and Updates: Genetics, Fish Passage, Elodea and Statewide Synthesis

Moderator: Adam St. Saviour (Alaska Department of Fish and Game)

A New Chinook Salmon Genetic Baseline for Cook Inlet: Opening Doors to New Analyses

Andrew Barclay (Alaska Department of Fish and Game)

The Mat-Su Fish and Wildlife Commission: Past, Present, and Future

Larry Engel, Howard Delo and Andy Couch (Mat-Su Fish and Wildlife Commission)

State of Alaska's Salmon and People: SASAP

Meagan Krupa (National Center for Ecological Analysis and Synthesis)

Aquatic Infestation in the Mat-Su: An Elodea Update

Dan Coleman (Alaska Department of Natural Resources)

10:15 Networking Break

10:45 Tidbits

Moderator: Ann Marie Larquier (Alaska Department of Fish and Game)

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11:00 Mat-Su Salmon Partnership Strategic Focus: Update and Feedback

Moderator: Mike Daigneault (U.S. Fish and Wildlife Service)

Christy Cincotta (Tyonek Tribal Conservation District)

Based on previous input, the Partnership Steering Committee created a document identifying where our focused efforts will be over the next five years. This session will highlight identified priorities, solicit feedback from partners, and explain the relationship to our current Strategic Plan.

12:00 LUNCH



1:00 Using Temperature and Flow Information to Understand Freshwater Productivity: Part 1

Introduction and Moderator: Jon Gerken (U.S. Fish and Wildlife Service)

How Can Stream Temperature and Flow Affect the Productivity of Alaskan Salmon Populations?

Daniel Rinella (U.S. Fish and Wildlife Service)

On the Hunt for Thermal Diversity in the Deshka River Watershed

Sue Mauger (Cook Inletkeeper)

Discovering Downriver Discharge in the Deshka Watershed for Habitat Modeling and Protection

Franklin Dekker (U.S. Fish and Wildlife Service)

Summary of Deshka River Salmon Assessment Projects Conducted by the Alaska Department of Fish and Game, 1974 – Present

Johnathon Campbell (Alaska Department of Fish and Game)

Group Question and Answer Session (15 minutes)

2:15 Networking Break

2:30 Applying Freshwater Productivity Information into Management Decision-Making: Part 2

Bridging the Gap: Creating Proactive Conservation and Management Tools

Leslie Jones (University of Alaska)

Using BLM's National Aquatic Monitoring Framework to Better Understand the Current and Future Physical, Chemical, and Biological Characteristics of Streams in the Mat-Su

Matt Varner (Bureau of Land Management)

Management of Salmon Sport Fisheries in the Mat-Su Area

Sam Ivey (Alaska Department of Fish and Game)

Susitna River Chinook Salmon Run Reconstruction

Nicholas DeCovich (Alaska Department of Fish and Game)

Group Question and Answer Session (15 minutes)

3:55 Conclusions

Moderator: Mike Daigneault (U.S. Fish and Wildlife Service)

4:00 Adjourn