



Wednesday November 13, 2019

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

8:30 Registration & Coffee/Snacks

9:00 Symposium Welcome

Mike Daigneault, (Mat-Su Basin Salmon Habitat Partnership Strategic Plan Committee Member; Alaska Region Habitat Restoration and Partnerships Coordinator, U.S. Fish and Wildlife Service)

Debra Call (Representative, Knik Tribe)

Maria Coleman (Cultural Facilitator, Native Village of Eklutna)

Jim Sykes (Assembly Member, Mat-Su Borough)

9:30 Keynote Address: *Indigenizing Salmon Science and Management* – **Courtney Carothers, University of Alaska Fairbanks and Jonathan Samuelson, Kuskokwim River Inter-Tribal Fish Commission**

Introduction: Meredith Marchioni (Alaska Pacific University)

10:30 Networking Break

11:00 Stewardship and Monitoring for Healthy Salmon Systems

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

Restoring the Eklutna River - A Short Film

Ryan Peterson (Alaskanist Stories), Marc Lamoreaux (Native Village of Eklutna)

Brad Meiklejohn (The Conservation Fund), Eric Booten (Trout Unlimited)

Eklutna River Salmon Habitat Assessment

Carrie Brophil (Native Village of Eklutna)

Moose Creek Juvenile Salmon Distribution and Outmigration Timing Project

Jerrid Hixon, (Chickaloon Village Traditional Council)

Vulnerability Assessment: Prevalence of Paralytic Shellfish Toxins in the Marine Food Webs of Lower Cook Inlet and the South Alaska Peninsula, Alaska

Bruce Wright (Knik Tribe)

12:00 LUNCH

12:45 Partnerships – Working Together, Achieving Greater Impacts

Moderator: Erika Ammann (National Oceanic and Atmospheric Administration)

Updates from the Mat-Su Basin Salmon Habitat Partnership

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

Salmon Habitat Project Mapper: A Tool for Measuring Progress Toward Partnership Goals

Marcus Geist (University of Alaska Anchorage)

The Sustainable Southeast Partnership

Paul Hackenmueller (Sustainable Southeast Partnership)



1:30 First People, First Stewards

Moderator: Sue Mauger (Cook Inletkeeper)

Idlughet Qayeht'ana (Eklutna Village Dena'ina) Overview and History of The People, The Salmon, and Traditional Lands, Yesterday and Today

Maria Coleman (Native Village of Eklutna)

Chickaloon Village Traditional Council Salmon Conservation Efforts in the Twenty-First Century

Jessica Winnestaffer (Chickaloon Village Traditional Council)

2:00 Tidbits

Moderator: Nicole Swenson (Tyonek Tribal Conservation District)

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

2:15 Break

2:30 Equity Dialogue

Moderators: Courtney Carothers & Jonathan Samuelson

4:00 Announcements and Adjourn

Moderator: Thomas Capiello (Retired, Alaska Department of Fish and Game)

5:30 – Wild, Local and Traditional Foods Dinner

7:30 *Join us for an evening of celebrating wild, local and traditional foods of the Mat-Su as well as acknowledging the First Peoples and first salmon stewards of this land. Following dinner, Angie Wade of Chickaloon Native Village will highlight several varied uses of salmon and engage participants in a short salmon skin craft for everyone to take home.*

Location: Turkey Red, 550 S. Alaska St, Palmer

Everyone welcome. Doors open at 5pm, Dinner 5:30 – 7:30pm.

Salmon skin activity begins during dessert. Cost \$20 per person. Pre-registration required.



Thursday November 14, 2019

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8:30 Registration & Coffee/Snacks

9:00 Symposium Welcome

Gillian O'Doherty (Mat-Su Basin Salmon Habitat Partnership Science and Data Committee Member, Alaska Department of Fish and Game)

9:30 Scale & Scope of Valuing Salmon

Moderator: Marcus Geist (University of Alaska Anchorage)

Economics of Sport and Commercial Fishing in the Mat-Su

Andy Couch and Mike Wood (Mat-Su Borough Fish and Wildlife Commission)

Mat-Su Borough Fish and Wildlife Commission: An Update

Mike Wood and Howard Delo (Mat-Su Borough Fish and Wildlife Commission)

Endangered Cook Inlet Beluga Whales and the Threats to Their Recovery

Bonnie Easley-Appleyard, (NOAA National Marine Fisheries Service, Alaska Region)

Protecting Fish and Wildlife Habitat in the Mat-Su Basin

Leah Ellis and Kevin Keith (Alaska Department of Fish and Game)

How Data is (or is not) Tractable to Management: A Case Study in the Kuskokwim

Sarah Inman (University of Washington)

10:45 Networking Break

11:15 Tidbits

Moderator: Catherine Inman (Mat-Su Conservation Services)

Please sign up at the registration desk to present a 3-minute project summary, announcement or artistic work. If you have a slide or two to project (maximum 2 slides), please load them during the networking break.

11:30 Addressing Invasive Species in the Mat-Su Basin

Moderator: Kristine Dunker (Alaska Department of Fish and Game)

Invasive Species in the Tyonek Tribal Conservation District: Updates on our Terrestrial Plant, Northern Pike, and Elodea projects

Nicole Swenson (Tyonek Tribal Conservation District)

What's Happening with Pike in the Valley?

Parker Bradley (Alaska Department of Fish and Game)

Mat-Su Elodea Update

Dan Coleman (Alaska Department of Natural Resources)

12:15 LUNCH

1:00 Changes in Freshwater Keep Salmon on the Run: Understanding the Interaction Between Stream Fishes and Water Temperature Processes Part 1



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

Interaction Between Stream Fishes and Water Temperature Processes

Jon Gerken and Mary Kate Swenarton (U.S. Fish and Wildlife Service)

Wild Salmon in a Warming World

Sue Mauger (Cook Inletkeeper)

Examining Heat Stress in Migrating Adult Pacific Salmon

Vanessa Von Biela (U.S. Geologic Survey)

Freshwater Drivers Influence Chinook Salmon Productivity in Southcentral Alaska

Leslie Jones (University of Alaska Anchorage)

Landscape Setting Modulates Projected Climate Change Impacts to Growth Rates of Stream-Resident Juvenile Salmon in the Kenai River Watershed

Benjamin Meyer (University of Alaska Fairbanks)

Community Perspective 5-10 min.

2:30 Networking Break

2:45 Changes in Freshwater Keep Salmon on the Run: Understanding the Interaction Between Stream Fishes and Water Temperature Processes Part 2

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

Interpreting Stream Discharge Variation in the Deshka River Watershed

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

2019 Distribution of Juvenile Chinook and Coho Salmon in the Deshka River Watershed

Benjamin Rich (U.S. Fish and Wildlife Service)

The Influence of Stream Temperature on the Relative Abundance of Juvenile Salmon in the Deshka River

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

Susitna River Chinook Salmon Stock-Recruit Analysis

Nicholas DeCovich (Alaska Department of Fish and Game)

Community Perspective 5-10 min.

3:45 Conclusions

Moderator: Matthew LaCroix (U.S. Environmental Protection Agency)

4:00 Adjourn