

Logo designed by Emily Miller
Davis Student Subunit



2015 AFS FILM FESTIVAL

America's Fish and Fisheries – Shared through the Camera Lens

America's Fish and Fisheries – Shared through the Camera Lens – A 2015 AFS Film Festival showcases films that focus on the connections between people, fish and fisheries, the unique life cycles and habitat needs of different species, and how resource practitioners and ordinary people are helping conserve fish and their habitats across the nation. The films are from a variety of perspectives—including commercial and sport fishermen, subsistence users, researchers and managers, volunteers, landowners, and even fish themselves.

Films will be shown August 18 –20 during the conference and are grouped into themes covering general conservation topics, habitat protection and restoration, fisheries enhancement, sport fishing, fisheries management, and fisheries research and education.

This festival offers a new way to share and understand the work and craft of AFS members and other fisheries professionals and stakeholders. It will provide an exciting vantage point to view successes and challenges in fisheries conservation, and most importantly grow appreciation for and awareness of our nation's fisheries and the many ways in which we're connected to fish and all the goods and services they provide.

Enjoy!

America's Fish & Fisheries – Shared Through the Camera Lens (Day 1, Aug 18, 2015)



1 Ocean Frontiers: the dawn of a new era in ocean stewardship

Karen Anspacher-Meyer / Green Fire Productions
films@greenfireproductions.org

An inspiring voyage to coral reefs, seaports and watersheds across the country, where unlikely allies—farmers, shippers, scientists, fishermen and conservationists—are working together to sustain the sea and our ocean economies.



4 Fish Eye View of Salmon Spawning Habitat from Pack Rafts

Katrina Mueller / U.S. Fish & Wildlife Service
katrina_mueller@fws.gov / www.facebook.com/USFWS.AK.Fisheries.Habitat

Join the U.S. Fish and Wildlife Service on a float down Birch Creek near Talkeetna, Alaska to document spawning activity in a Susitna River tributary devoid of human-caused fish passage barriers. Spawning surveys and precise habitat measurements will be used as a management tool to predict the potential of streams with barriers to provide suitable habitat for salmon production.



2 Wild 'Bout Brookies

Eric Malone / Blue Blood
FishHead765@gmail.com

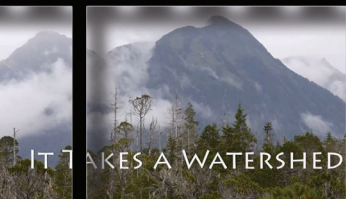
Brook trout (*Salvelinus fontinalis*) are a keystone species of Eastern coldwater streams; for both the aquatic ecosystems and recreational anglers of the region. They have lost a tremendous amount of preferred habitat throughout their range, yet in some isolated areas they are still thriving. This video is a glimpse into some of the most productive, wild and unaltered streams that were literally packed full of these beautiful fish. It is truly amazing how just leaving a river alone can sustain such a healthy, wild fishery.



5-9 A Film Showcase from Freshwaters Illustrated

Jeremy Monroe / Freshwaters Illustrated
jeremy@freshwatersillustrated.org

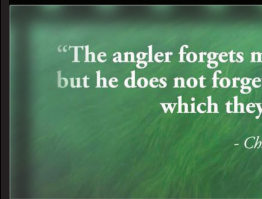
A showcase of short films from the Pacific Northwest, the Southeast, and elsewhere featuring aquatic and fisheries conservation work from partners including the US Forest Service, the US Fish & Wildlife Service, State Fisheries Agencies, and NGOs. Films include: Water & Wood, Clackamas Complete, Oregon Chub Day, Hidden Rivers Preview, Bringing Back the Brooks



3 It Takes a Watershed... To Raise a Salmon

Richard Nelson & Liz McKenzie / SalmonWorld / The Salmon Project
www.salmonproject.org/salmonworld

In the popular consciousness, salmon are closely associated with particular river systems, ranging from the famous Yukon, Nushagak, and Kenai runs, on down to literally thousands of smaller streams, tributaries, and lakes. This film redefines the meaning of a salmon stream, by showing viewers that the health of our great fish runs depend not just on water, but on the surrounding land and the entire living environment.

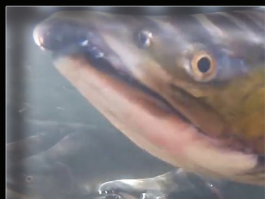


10 1,000 Miles Campaign

Simon Perkins / Orvis
perkinss@orvis.com

The goal of the Orvis/Trout Unlimited 1,000 Miles Campaign is to reconnect 1,000 miles of spawning habitat and fishable water across the U.S. through the repair or replacement of faulty culverts. In 2015 Orvis will match customer donations up to \$90,000, for a goal of \$180,000, to implement this program. This film was created not only to explain and demonstrate the process, but to celebrate the sheer beauty and exhilaration of a healthy stream.

America's Fish & Fisheries – Shared Through the Camera Lens (Day 1, Aug 18, 2015)



11 Stream Watch Legacy: Growing Strong Roots and Making a Difference for 20 Years!

Lisa Beranek / Kenai Watershed Forum

StreamWatch@kenaiwatershed.org / www.kenaiwatershed.org

Stream Watch Volunteers are ordinary people making extraordinary efforts to protect Alaska's Kenai Peninsula rivers. With one-day and on-going volunteer opportunities June through September, volunteers are trained to complete projects ranging from hands-on, river protection projects to sharing education messages.

14 Salmon Stewardship on the Tongass National Forest: Twelvemile Creek

Bethany Goodrich / Sustainable Southeast Partnership

Bethany@sitkawild.org

The Sitka Conservation Society and Sustainable Southeast Partnership are dedicated to protecting the natural environment of the Tongass National Forest and supporting the health and sustainability of the communities that depend on its resources. We partnered with local communities, the Tongass National Forest, and the National Forest Foundation to monitor fish ecology, engage local youth in hands-on activities, and train aspiring fisheries professionals.



12 The Value of Woody Debris in Streams

Bob Armstrong

bob@discoverysoutheast.org / http://www.naturebob.com/

While filming American Dippers "flying" underwater I was amazed at the number of mayflies swimming and settling in woody debris piles. This happened when the salmon were spawning. In addition I was surprised at the number of juvenile Dolly Varden and coho salmon that concentrated around woody debris in winter. The connections and value of the debris seemed so important I decided to put together this video. Most of the images were taken with a GoPro camera in Juneau, Alaska.

15 A River Reborn: Restoring Salmon Habitat along the Duwamish River

DeAnna Morris / NOAA Fisheries

deanna.morris@noaa.gov

Just south of Seattle, the Boeing Company has created the largest habitat restoration project on the Lower Duwamish River. Boeing worked with NOAA and our partners under a Natural Resource Damage Assessment to restore habitat harmed by historical industrial activities. Learn about the restoration techniques used and how they will benefit the communities, fish, and wildlife of the Duwamish River.



13 Upper Yankee Fork Large Wood Restoration

Jim Gregory / Lost River Fish Ecology, INC.

gregory_jim@yahoo.com

This video shows a fish habitat restoration project on the Yankee Fork of the Salmon River. Timber harvest in the late 1800's removed trees from along and likely within the Yankee Fork. Since that time a forest has regrown, but few trees have fallen into the stream. Large wood in the stream is important for fish habitat. So, several partners cooperated on implementing this project.

16 Restoring Salmon Creek

Gabrielle Dorr / NOAA Restoration Center

gabrielle.dorr@noaa.gov

In the Mediterranean-like climate of Northern California water is plentiful in the winter but scarce in the summer when fish and people are competing for this precious resource. To protect water flows for endangered salmon, the entire community of Bodega Bay, California participates in collecting rainwater from the wet winter season that is stored and used during the summer dry season when fish need water the most.

America's Fish & Fisheries – Shared Through the Camera Lens (Day 1, Aug 18, 2015)



17 **Sitting on Water: A Season on the Koeye River**

William Atlas / Qqs Projects Society
wiatlas@gmail.com / <http://sittingonwater.ca/>

Sitting on Water (the English translation of the Heiltsuk word Koeye) tells the story of the Heiltsuk First Nation and their work to ensure a sustainable future for their community's salmon fisheries. The film documents efforts to build and operate a traditional fish weir in the Koeye River and the emerging role of First Nations in stewardship up and down the coast.

Decommissioning Abandoned Roads to Protect Fish

Kevin Wingert / Bonneville Power Administration
kwingert@bpa.gov / www.bpa.gov

In the winter of 1996, storm and flood events blew out old roads in the mountainous region of the Clearwater National Forest, resulting in large amounts of fine sediment fouling critical salmon and steelhead stream habitat. Despite being overgrown with vegetation, these roads were not stable and also negatively impact fish by changing hydrology. The Nez Perce Tribe teamed with the U.S. Forest Service and BPA to address this important fish habitat issue in multiple central Idaho watersheds.

20



18 **Rock Creek Stream Restoration**

Jeff McEnroe / Bureau of Land Management
jmccenroe@blm.gov

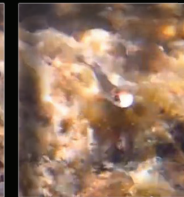
Rock Creek is a major spawning tributary to the North Umpqua River and provides spawning and rearing habitat for a large diversity of salmonid species and lamprey. This video highlights unique restoration designs to reconnect side channels and utilizes a significant amount of UAV footage.

Snorkeling for Fish

Maria Thi Mai / Bureau of Land Management
mthimai@blm.gov / <http://www.blm.gov/or/index.php>

How do you count fish in a river? If your fish biologist working for the BLM you stuff yourself into a drysuit, traipse a quarter-mile through the forest sweating along the way before you get to the river. At the Shoreline you slip on your mask and snorkel and start slithering your way along the gravel beds memorizing the number and species of fish. The Salmon River restoration project in Oregon is a swimming success between The Nature Conservancy, Freshwater Trust, Portland Water Bureau, the BLM and a school of other partners.

21



19 **Preachers Cove Habitat Improvement**

Matt Green / Trout Unlimited
mgreen@tu.org

This video shows a fish habitat restoration project on the Yankee Fork of the Salmon River. Dredging and timber harvest in the late 1800's removed trees from along the Yankee Fork and removed the complexity from the river channel. Several partners cooperated on implementing this project to improve the habitat for salmon, steelhead, bull trout, and westslope cutthroat trout.

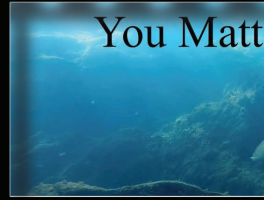
Stanislaus River Honolulu Bar Restoration

Erin Loury / FISHBIO
erinloury@fishbio.com / www.fishbio.com

This floodplain restoration project was designed to create vital habitat to improve spawning and rearing of Fall-run Chinook Salmon and Steelhead Trout on the Stanislaus River in California's Central Valley. This film chronicles the transformation of a two-and-a-half acre region of the river called Honolulu bar, and discusses Oakdale Irrigation District (OID)'s commitment to stewardship and giving back to the Stanislaus River. The project was a collaboration between OID, U.S. Fish & Wildlife Service, CBEC, River Partners and FISHBIO.

22

America's Fish & Fisheries – Shared Through the Camera Lens (Day 1, Aug 18, 2015)



23 GHOST FISH of the WIM AHL - the PRIMORDIAL SALMON & STEELHEAD RUNS of the COLUMBIA RIVER

David Saiget / BIOFISH Env. Consultants & Aquatic Sciences
dsaiget@hotmail.com

The Columbia River once supported one of the largest fish runs in the world. In the last 200 years, its salmon and steelhead runs have been decimated by overfishing, hydroelectric dams, habitat destruction, and pollution. Filmed entirely underwater, the natural beauty and behavior of these fish, and a view of their world as seen from their perspective, are shown.

You Matter

David Hahn / Pacific Coast Salmon Coalition
davidhahn98305@hotmail.com

An underwater study of the summer salmon runs of 2014 on the Sol Duc River in Washington state. I was asked to help teach the 6th grade science class at the Forks Intermediate School located in Forks, Washington, about wild Salmon. Every year the 6th grade makes a field trip to the Sol Duc Salmon Hatchery. This year we brought the Sol Duc River into the classroom to show these kids how the wild side lives. Working with the 6th grade science teacher we helped to expand the program into Salmon Week. This video was a large part of that.

26



24 Restoring Hope - Jackknife Creek

Lee Mabey / USDA Forest Service
lmabey@fs.fed.us

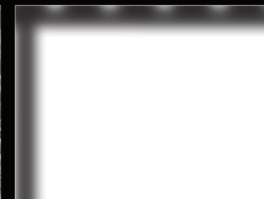
A film that chronicles the restoration of Jackknife Creek a tributary to the Salt River and Upper Snake in Southeast Idaho. Work was done in cooperation with private landowners, agencies and conservation organizations. Work includes active channel restoration, aquatic passage culverts, conversions of roads to trails, road reconstruction and closures, and water diversion screening. Primary partners were Trout Unlimited and the USDA Forest Service.

The Lost Fish

Sara Thompson & Jeremy FiveCrows /
Columbia River Inter-Tribal Fish Commission
thos@critfc.org / www.critfc.org

In the heavily dammed Columbia River Basin, millions have been spent on life support systems for Pacific Salmon. Yet, the little-known Pacific Lamprey has slipped through the cracks of conservation efforts and is now lost from most of its historic range in the Columbia Basin. Desperately, members of the Nez Perce, Umatilla, Yakama and Warm Springs Tribes have taken the management of Pacific lamprey into their own hands and are now fighting to bring political attention and social will to the struggle of a lost fish.

27



25 DamNation - Trailer

Matt Stoecker / DamNation Film
matt@stoeckerecological.com / www.DamNationFilm.com

This film explores the sea change in our national attitude from pride in big dams as engineering wonders to the growing awareness that our own future is bound to the life and health of our rivers. Where obsolete dams come down, rivers bound back to life, giving salmon and other wild fish the right of return to primeval spawning grounds, after decades without access. DamNation's majestic cinematography and unexpected discoveries move through rivers and landscapes altered by dams, but also through a metamorphosis in values, from conquest of the natural world to knowing ourselves as part of nature.

Intermission

Films resume Wednesday, August 19

America's Fish & Fisheries – Shared Through the Camera Lens (Day2, Aug 19, 2015)



TREATY TALKS: A JOURNEY UP THE COLUMBIA RIVER FOR PEOPLE AND SALMON

28 James River Sturgeon

Melissa Lesh / *Emerging Earth Films*
indialesh@gmail.com / www.vimeo.com/melissalesh

Research is underway at Virginia Commonwealth University to uncover the secrets of a charismatic, endangered species, the Atlantic sturgeon. This short documentary follows Dr. Matt Balazik as he discovers, for the first time, the sturgeon migration using acoustic transmitter tags.

A Journey Up the Columbia River for People and Salmon

Keith Kutchins / *Upper Columbia United Tribes*
keith@ucut-nsn.org / www.ucut.org

This film documents paddling dugout canoes from the Columbia River mouth to its headwaters, interviewing people, and attending conferences and symposia. Grand Coulee Dam was completed in 1942, blocking salmon runs from the Upper Columbia River. Now, over 70 years later, as the Columbia River Treaty is being re-examined, solutions are being crafted to address the lack of Ecosystem-based Function, Fish Passage, and Tribal Consultation.



Manistee Nme A Lake Sturgeon Success Story

29 Surf, Sand, and Silversides: The California Grunion

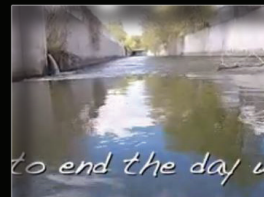
Karen Martin / *Pepperdine University / Beach Ecology Coalition*
kmartin@pepperdine.edu / www.Grunion.org

On moonlit summer nights, thousands of glittering silver fish surf onto sandy beaches for midnight rendezvous during spawning runs. Shot at more than a dozen California beaches, this documentary reveals new discoveries and vivid animations about the life cycle, embryonic development out of water, and the place of these unique fish in the marine web of life. Support came from NOAA Fisheries, California Coastal Commission, National Geographic Society, and

Manistee Nme' A Lake Sturgeon Success Story

Stephanie Ogren/ *Little River Band of Ottawa Indians*
sogren@lrboi.com

The Little River Band of Ottawa Indians has developed a unique hands-on approach to Lake Sturgeon restoration. This film explores the historical significance of this great fish as explained by Tribal members. It follows biological staff who are helping to restore the population in the Big Manistee River, Michigan. This film offers a message of hope for sturgeon restoration efforts that are bringing the Tribal and non-tribal communities together and back to the river with the Nme' (lake sturgeon in Anishnabemowin). It also includes the first ever underwater footage of Lake Sturgeon in the Big Manistee River.



Our lives begin to end the day we become

30 Day in Our Bay

Mark Yezbick / *Bristol Bay Resource Solutions*
myezbick@bbrs-llc.com / <http://www.dayinourbay.org>

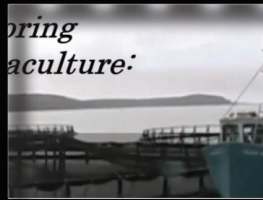
For thousands of years, the vast resources of the Bay have sustained the people and shaped the customs of the Alaska Native villages whose lifeblood is the Bristol Bay fishery. To capture and preserve the voices, views, and values of the people who depend on these resources, Bristol Bay Native Corporation shareholders documented, through personal videos, the people, places and cultural practices most important to them.

Of People and Fish: Linking Culture and Ecology

Andre E Kohler / *Shoshone Bannock Tribes Dept. of Fish & Wildlife*
akohler@sbtribes.com

This film is about salmon, indigenous peoples, and the many connections between land and water that serve to promote healthy ecological and cultural identities in salmon country. Our story highlights the natural function of Chinook salmon above 8 federal hydroelectric dams on the Columbia and Snake rivers. Our narrative emphasizes past and present ties to the peoples of the Shoshone Bannock Tribes, where salmon were central to the daily rhythms of life for millennium, and where salmon continue to play an essential role to this day.

America's Fish & Fisheries – Shared Through the Camera Lens (Day2, Aug 19, 2015)



34 FISHING PONO: Living In Harmony With The Sea

Teresa Tico / Kauai Girl Productions
haenagirl@gmail.com

Co-produced with Pacific Islanders In Communication and the Corporation For Public Broadcasting, this film tells the story of Native Hawaiians using traditional conservation practices to restore fisheries. Featuring lifelong fisherman Kelson 'Mac' Poepoe, and directed by award winning helmer Mary Lambert, FISHING PONO's images of the commercial exploitation of Pacific fisheries leaves no room for doubt that current practices are unsustainable and will leave nothing for future generations. Mr. Poepoe's fishing conservation program on Molokai is an inspiring story of how one community turned the tide on a seemingly doomed resource.

Exploring U.S. Aquaculture: Atlantic Salmon in Maine

Peter Chase / NOAA
peter.chase@noaa.gov

Atlantic salmon farmers in Maine are striving to be the world leaders in the development of environmentally sound salmon farming methods. Join the farmers on a tour of their operation as they explain the farming process, the advancements they have made, and the impact their industry has on local food production and jobs.

37



35 Piscine Perspectives from Beneath the Water Surface

Todd Pearsons / Divine Nature Art
pearsons@kvalley.com / www.underwaterfishphotos.com

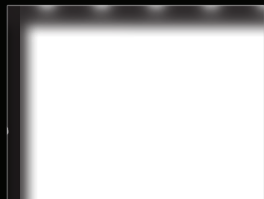
This film transports the viewer below the water surface and tastefully exposes the wonderfully diverse and well-crafted freshwater fishes of the Pacific Northwest; many that have never been seen on film before. Crisp high-definition images mixed with original music provides an inspirational piscatorial experience. The subsurface perspective in this film will stir the soul, stimulate the mind, and deepen appreciation of some of the least viewed vertebrates in the world.

River Snorkeling (AKA: The Search For Deeper Understanding While Fighting Off Mild Hypothermia)

Russ Ricketts / River Snorkeling
riversnorkel@gmail.com / www.facebook.com/riversnorkeling

Many people have a deep connection with both rivers and the fish within, yet few beyond fisheries professionals actually observe the underwater world of their waters. I was invited along to snorkel with the returning salmon in my local river by a fisheries biologist friend. That day in the water changed my life, drawing me closer to these remarkable creatures and the slender thread of water they call home. If you are a fisheries professional and not snorkeling...you should be. Explore your local rivers.

38



36 Hatchery AND Wild

Sara Thompson / Columbia River Inter-Tribal Fish Commission
thos@critfc.org / www.Critfc.org

Sport, tribal and commercial fishes depend on strong salmon and steelhead runs, but rarely do they agree on how to achieve those runs and too often work against each other. This film showcases the ecological, economic, and social importance of Pacific Northwest hatcheries as well as the science surrounding the potential impacts they have on wild fish. It explores ways that we can put aside our differences in order to work toward our common goal of healthy and abundant salmon returns.

The Spawn

Ann Wright / Virginia Commonwealth University
abwright@vcu.edu /
<http://jamesriverpark.org/science-in-the-park/index.php>

Blueback herring and American shad face challenges as they return each year to the James River to spawn. Agencies work cooperatively to improve their chances and to rebuild their populations.

39

America's Fish & Fisheries – Shared Through the Camera Lens (Day2, Aug 19, 2015)



40 Shad and River herring return to coastal New Jersey, but will they stay?

Jim Vasslides / Barnegat Bay Partnership
jvasslides@ocean.edu

This film highlights recent work studying one of the continued challenges to the recovery of these anadromous fish, obstructions to upriver migrations, through the lens of a local fisherman and his history with these amazing fish. The film highlights the life history of these fish, and our research on how fish ladders aid in helping fish move passed small dams, which are impediments to their spawning migrations.

Renewed Passage: Buzzards Bay to the Acushnet River

Paul Hillman / NOAA Fisheries Greater Atlantic Region
paul.hillman@noaa.gov / <http://www.nmfs.noaa.gov/gallery/videos/>

Learn how NOAA Fisheries and its partners installed a "nature-like" fishway on the Acushnet River in Massachusetts to improve habitat and help migrating herring access prime spawning grounds.

43



41 The Shadman presents...."Alabama Shad Restoration in the Apalachicola River Basin, Florida/Georgia"

Sean Young / Shawn Paul Young Environmental Consulting
syfishhead@msn.com

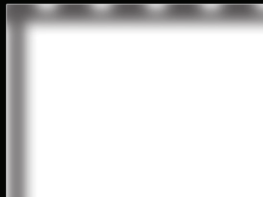
This film documents a project completed during 2005-2013 aimed at increasing Alabama Shad abundance in the Apalachicola River Basin. The film shares an overview of the Alabama shad field techniques; provides a visual of the scenario the Alabama shad experience during their migration at Jim Woodruff Lock and Dam; how the lock was operated to successfully facilitate fish passage; and project outcomes.

Whiskey Creek Gila Trout

Jessie Jobs / U.S. Fish & Wildlife Service
jessie_jobs@fws.gov / <http://www.fws.gov/southwest/fisheries/mora/index.html>

This unique lineage of Gila trout was brought to Mora National Fish Hatchery in Mora, New Mexico, from the wild after the Whitewater-Baldy Complex wildfire in 2012. With their entire watershed wiped out these fish were brought on station for the first time. To keep these fish as wild as possible the hatchery used naturalistic rearing techniques to keep the fish wild. In the spawning season of 2014 the fish were spawned for the first time, which resulted in over 5,000 fish being returned to the wild in October 2014.

44



42 The Fish That Feeds All

Julia Beaty / University of Maine; Natalie Springuel / College of the Atlantic; Dan Kircheis / National Marine Fisheries Service - Greater Atlantic Regional Fisheries Office
juliabeaty@gmail.com

Maine is one of very few states which still allow harvest of diadromous alewives and blueback herring. This video showcases the ecological and cultural importance of these fish in Downeast Maine as told by fishermen and other community members who are working to restore and maintain local river herring runs. This video was produced as part of an oral history project carried out by Maine Sea Grant and NOAA Fisheries in the spring of 2014 with financial support from NOAA's Preserve America Initiative.

Jewel in The Crown - trailer

LaVerne Sultz / Flathead Valley Trout Unlimited
l.sultz@bresnan.net / www.flatheadtu.org

As native bull trout disappear from the Flathead River system in Northwest Montana, many people mourn that loss and many are working on ways to hopefully recover the populations. Flathead Valley Trout Unlimited sat down with several old-time anglers of the last generation fortunate enough to legally fish for bull trout in our waters and we also talked to managers and biologists responsible for caring for these native fish in Montana to develop a picture of where we were, where we can be and how we came to this perilous situation.

45

THAT IS MY FISH



Intermission

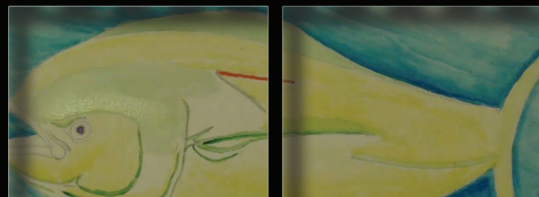
Films resume Thursday, August 20

That is My Fish

Patrick Race / The Salmon Project
pat@lrca.com / www.salmonlove.com

Three Alaskan children with minimal experience fishing are taught to catch, clean, fillet and cook a salmon.

48



46 A Journey Pelagic

Wessley Merten / Organization Dolphinfish Research Program
wessleymerten@gmail.com / www.dolphintagging.com

One of the most important offshore recreational and commercial fish species in the world's tropical and subtropical oceans is the mahi mahi. Watch how sport fishermen are helping researchers with the Dolphinfish Research Program to unravel the mystery of their migration and ensure future stock sustainability. The film was shot exclusively in Puerto Rico and was just screened for the first time at the Rincon International Film Festival in Rincon, Puerto Rico, in early April.

Legally Licensed - The Conservation Benefits of Buying a Fishing License

Molly Good / Michigan State University
goodmoll@msu.edu

This film serves as an education and outreach tool intended to inform recreational fishers about the importance and conservation benefits of obtaining a state-issued fishing license prior to participating in the abundance of world-famous recreational fishing opportunities Michigan offers. This film was prepared as part of a graduate seminar course entitled "Telling your Story: Communicating Research to Diverse Audiences."

49



47 Salmon Connection

Lisa Busch / Sitka Sound Science Center
lbusch@sitkascience.org / www.sitkascience.org

This short shows how salmon connects our communities through art, education, commerce and nature.

Fishing for Lake Whitefish in Washington

Daniel Garrett / Washington Department of Fish & Wildlife
daniel.garrett@dfw.wa.gov /
<http://wdfw.wa.gov/fishing/washington/videos/>

This video highlights the Lake Whitefish fisheries in the Columbia River Basin, Washington. Fisheries managers seek to increase the harvest of Lake Whitefish, and this video was produced to encourage participation and harvest. Gear, habitat, and biology are briefly discussed.

50

America's Fish & Fisheries – Shared Through the Camera Lens (Day3, Aug 20, 2015)



51 Fishing for Puget Sound Chum Salmon

Ryan Lothrop / Washington Department of Fish & Wildlife
ryan.lothrop@dfw.wa.gov / www.wdfw.wa.gov

This film highlights a simple fishing tactic to catch Chum Salmon in Puget Sound marine waters from both shore and a boat, with an emphasis towards fishing in south Puget Sound and Hood Canal. This affordable set-up and simple tactic can be used by youth and other new anglers during the fall months. This film is part of the video library contained within the efforts to educate and inform anglers of rules and fishing opportunities to target underutilized fisheries, improve angler success, and increase license sales.

Wild Caught

Caleb McMahan / Cognitive Dissonant Studios
cognitivedissonantestudios@gmail.com /
www.cognitivedissonantestudios.com

Wild Caught documents the sites, sounds, and adventure of a Hawaii longline fishing trip and offers a rare glimpse into the lives of the fishermen who supply the US market with swordfish.

54

52 Bonefish and Stingray Research, Hummingbird Cay

Owen O'Shea / Cape Eleuthera Institute
owenoshea@ceibahamas.org

Bonefish and stingrays are sympatric mesopredators in many of the coastal and nearshore habitats of The Bahamas and offer ideal opportunities to study both species collaboratively. This film documents a research trip by scientists from The Cape Eleuthera Institute and the Florida Fish and Wildlife Commission to examine the genetic structures of both bonefish (*Albula vulpes*) and southern stingrays (*Dasyatis americana*).

Predator in Paradise

Jill Wingfield / Great Lakes Fishery Commission
jwingfield@glfc.org / www.glfc.org

Sea lampreys kill fish by latching on with a tooth-filled, suction cup mouth, drilling a hole through the side of the fish, and feeding on the fish's blood. They invaded the Great Lakes from the Atlantic Ocean and by the 1950s, the once thriving fishery was nearly destroyed by this unyielding vampire. This is the extraordinary story of the sea lamprey's assault on the Great Lakes and how humans fought back - and won! This video tracks the story from the days when fishers watched in shock as sea lampreys ravished through the fishery, to today, as scientists use proven and cutting-edge ways to keep lampreys in check.

55

53 Snapper Spawn

Brad Erisman / University of Texas at Austin
berisman@utexas.edu

Experience the mysterious and fragile phenomenon of Twin-spot Red Snapper aggregating to spawn in their thousands. The film describes the amazing dynamics and behaviors that occur during these aggregations and why it is important to protect these aggregations from overfishing. While the film focuses on one specific species and location, this same message can be applied to spawning aggregations, fishes, and reefs throughout the world that are so important for maintaining healthy marine ecosystems and productive fisheries.

The Alaska Salmon Program

Jason Ching
chingjasons@gmail.com / www.JasonSChing.com

The Alaska Salmon Program is the oldest continuously running salmon research program in the world. Based out of the University of Washington, it was established to investigate factors influencing salmon production during a declining salmon fishery in Bristol Bay in the mid-1940s. This video highlights a small fraction of research that is conducted by the Alaska Salmon Program, and celebrates the hardworking researchers that have contributed to the Program's success.

56

America's Fish & Fisheries – Shared Through the Camera Lens (Day3, Aug 20, 2015)



57 Genetics for Sustainability: Management of Bristol Bay Sockeye Salmon

Nathan Shoutis / Alaska Department of Fish & Game
shoutdiggity@gmail.com / <http://www.adfg.alaska.gov/>

This film explores the use of molecular genetic data by fishery managers and stakeholders in Bristol Bay. It features ADF&G scientists in the Gene Conservation Laboratory who apply genetic principles and tools to support the management of commercially important fish and shellfish species statewide. The film showcases how genetic data contributes to effective management that is crucial to the conservation of sockeye salmon, a highly utilized species.

Seagrass Savanna

Chelsey Crandall / University of Florida / Ocycode Productions
kicksea@ufl.edu / <http://ocycodeproductions.com/>

60

In Seagrass Savanna we get to tag along in the field and in the lab as graduate student Savanna Barry defies the perception that “marine biology should be more exciting than basically underwater botany.” And considering the vital ecosystem services that seagrasses perform—from filtering water and sequestering carbon to supporting the life cycle of over 80% of Florida’s commercially and recreationally important fish species—she’s got a fair point. The life of a PhD student is both rigorous and demanding, but Savanna’s dedication and resourcefulness are on full display in this brief profile of her work.



58 North Pacific Research Board - Gulf of Alaska Project

Liz McKenzie / Sitka Sound Science Center
liz.creativeworks@gmail.com

The Gulf of Alaska supports enormously productive and important fisheries, providing food for Alaskans and the world. A large group of scientists are working together to better understand the Gulf of Alaska ecosystem, its commercially and ecologically significant groundfish species, and the factors that could affect future fish populations. Look over the shoulders of the researchers as they conduct their fieldwork and learn from them why this study is so vital.

Michael and the Peppermints

Chelsey Crandall / University of Florida / Ocycode Productions
kicksea@ufl.edu / <http://ocycodeproductions.com/g>

61

This film follows University of Florida graduate student Michael Dickson as he studies Gulf of Mexico peppermint shrimp. Little is known about the ecology or population dynamics of this popular aquarium species, something Michael hopes to rectify through his graduate research. Michael first collects peppermint shrimp in the field aboard a commercial bait shrimp boat then returns to the lab to conduct his studies. Aquarium peppermint shrimp are currently primarily collected from the wild, and Michael hopes his research will lay the fundamental baseline to ensure sustainable harvest of this species in the future.



59 2013 Bristol Bay River Academy

Tim Troll / Southwest Alaska Salmon Habitat Partnership / Bristol Bay Heritage Land Trust

nmwtlandtrust@hotmail.com / www.southwestsalmon.org

This film is about the Bristol Bay River and Guide Academy, a program designed to pass on environmental and cultural values to youth of Bristol Bay while teaching them how to fly fish and learn skills appropriate for finding employment in Bristol Bay’s thriving sport fishing community.

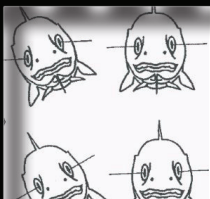
Another Day at the Office

Andrew Ross / West Virginia University

randrew4@mix.wvu.edu / http://wvtrouttales.blogspot.com/2014_12_01_archive.html

62

This film highlights the research, education, and outreach efforts of graduate students at West Virginia University in recent years. It emphasizes both the beauty and struggle of fisheries research in the field along with exploration of ways to bring fisheries science and ecology to the general public via familiar pathways.



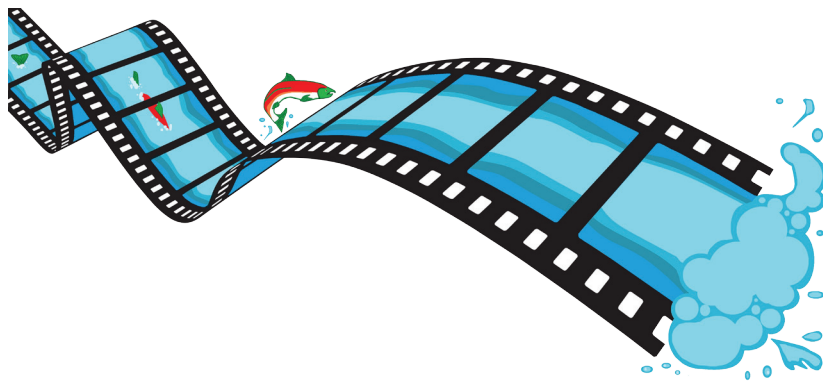
63 Reflex Action Mortality Predictor – A talk by Michael Davis and Noelle Yochum

Michael Davis

yesheflowers@gmail.com / <http://yesheflowers.blogspot.com>

A talk describing how to make and use RAMP (Reflex Action Mortality Predictor) in fisheries. Reflex actions and injury are used to score vitality impairment, quantify sublethal effects of stressors in animals, and to predict delayed mortality of bycatch discards and escapees.

THE END!



Important Links:

AFS online conference schedule (for details on the days and times for films):

<http://2015.fisheries.org/events/afs-fish-film-festival-2015/>

This brochure and film archive:

<http://www.seakfhp.org/americas-fish-and-fisheries-shared-through-the-camera-lens-a-2015-afs-film-festival/>

The 2015 Organizing Committee:

Deborah Hart

Coordinator
Southeast Alaska Fish Habitat Partnership
907.723.0258 / coordinator@sealaskafishhabitat.org

Katrina Mueller

Fisheries Outreach Coordinator
U.S. Fish and Wildlife Service, Alaska Region
907.786.3637 / katrina_mueller@fws.gov

Therese Thompson

Coordinator/Director of Strategic Partnerships
Western Native Trout Initiative
303.236.4402 / tthompson@westernnativetrout.org

Miriam Roberts

The Salmon Project
www.salmonproject.org
907.942.1198 / miriam@salmonproject.org

Bethany Goodrich

Tongass Policy and Communications Coordinator
Sustainable Southeast Partnership
907.747.7509 / bethany@sitkawild.org