



September 14 Thursday	Fisheries Management	Habitat--What Is It, How Is It Measured, and How Do Fish Assemblages Respond To It?	Using Video Technology for Fisheries Applications	Behavioral Perspectives in Fish Conservation and Management	Invasive Species in Large River Systems
Room	Egan 1	Egan 2	Egan 3	Egan 4	Egan 5
Moderator	Joel Carlin	Bob Hughes	Ted Otis	David Wahl	Tim Counihan
Refreshments					
8:00 AM	Bonar, Scott A.*; Willis, David W.; Hubert, Wayne A	Loftus, Andrew J.*; Austen, Douglas ; Schwaab, Eric	Otis, Edward O.*; Dickson, Mark	Coutant, Charles C.*	Sytsma, Mark D.*
	Standard Sampling Methods for North American Freshwater Fishes	The National Fish Habitat Initiative: Summary of the 2004 Habitat Workshop and Progress to Date	Design and performance of an autonomous video counting tower to monitor salmon escapement on remote streams	Cool Refuges for Striped Bass: Twenty Years of Testing the Behavioral Thermal Squeeze Hypothesis	Western Regional Panel and Aquatic Bioinvasion Research and Policy Institute: Activities and Possibilities for Collaboration
	CO-12-23	SO-37-01	SO-38-01	SO-39-01	SO-40-01
8:20 AM	Davis, Justin P.*; Schultz, Eric T	Beard, T. Douglas* ; Loftus, Andrew	Erickson, Todd* ; Zatz, Daniel	Beauchamp, David A.*	Fuller, Pam L.*; Benson, Amy J.
	Population Structure of Anadromous Alewife in Connecticut: Historical and Inter-Location Comparisons	Integrated data systems for the National Fish Habitat Inventory: Lessons from existing programs.	Using microwave and satellite technology to facilitate real-time video monitoring of animals at remote locations	Using visual foraging models to link individual behavior to structure and function of pelagic piscivore-planktivore systems	Overview of invasive species in large rivers of the United States
	CO-12-24	SO-37-02	SO-38-02	SO-39-02	SO-40-02
8:40 AM	Dawson, Heather A.*; Jones, Michael L	Brown, Larry R.*; Meador, Michael R; Short, Terry M	Dion, Cheryl A.*; Anderson, Jeffrey L. ; Edwards, Michael R.; Larson, James P. ; Hetrick, Nicholas J.	Seitz, Andrew C.*; Douglas, David C; Norcross, Brenda L; Nielsen, Jennifer L	Piorkowski, Robert*
	Factors Affecting Recruitment of Sea Lamprey in Great Lakes Streams	From basins to reaches—a USGS–NAWQA perspective on habitat-fish relationships	Using underwater video and microwave technology to remotely monitor salmon escapement on multiple streams	Hypothetical migration pathways of Pacific halibut in the Gulf of Alaska, based on daily maximum depth	The Alaska Aquatic Invasive Species Program, Critters of Concern and Actions Taken
	CO-12-25	SO-37-03	SO-38-03	SO-39-03	SO-40-03
9:00 AM	DeGrandchamp, Kelly L.*; Garvey, James E; Brooks, Ronald C	Stewart, Jana S.*; Wang, Lizhu ; Lyons, John ; Aichele, Steve ; Bissell, Ed ; Smith, Christopher	Peter, Armin J.*	Craig, Kevin* ; Rice, James A.; Rose, Kenneth A.	Webb, S. Kim*
	Movement Patterns and Habitat Use of Bighead and Silver Carp in the Lower Illinois River	Landscape drivers for in-stream habitat: A case study in the Great Lakes Region	Automatic survey of fish passages through a fish ladder by a digital video system in the Reuss River (Lucerne), Switzerland	Effects of hypoxia on juvenile estuarine fishes: bridging the gap between individual and population responses	Chinese Mitten Crab: A Successful Invader of Large River Systems
	CO-12-26	SO-37-04	SO-38-04	SO-39-04	SO-40-04
9:20 AM	Shephard, Sam*; Rogan, Emer	Jordan, Chris E.; Volk, Carl ; D'lorio, Mimi* ; Rentmeester, Steven ; Pess, George ; Beechie, Tim	Fryer, Jeffrey K.*	Gross, Mart R.*	Marchetti, Michael P.*; Lockwood, Julie L; Light, Theo
	Developing a Management Plan for Orange Roughy (<i>Hoplostethus atlanticus</i>) on the Porcupine Bank West of Ireland	A landscape classification system for watersheds of the Pacific Northwest	Must every fish be counted? The use of sampling to estimate fish passage at dams and weirs.	The significance of alternative life histories in conservation strategies	Anthropogenic development promotes invasion and extinction but not homogenization among California freshwater fishes
	CO-12-27	SO-37-05	SO-38-05	SO-39-05	SO-40-05
9:40 AM	Moser, Sean M.*; Conover, David O	Boyer, Kathryn* ; Colvin, Randall ; Henning, Julie	Hughes, Nick F.*; Kelly, Lon H	Parkos III, Joseph J.*; Philipp, David P; Wahl, David H	Brown, Larry R.*
	Recruitment of striped bass into the Hudson River	Aquatic habitat conservation on agricultural lands: Case studies from the Pacific Northwest	An introduction to 3D videography for fish biologists	Variation in largemouth bass behavior and recruitment	Alien species in the lower Sacramento-San Joaquin watershed: ecosystem effects and factors controlling species abundance
	CO-12-28	SO-37-06	SO-38-06	SO-39-06	SO-40-06



Ecological Significance of Marine Forage Species	Geographic Information System and Geospatial Analyses in Fisheries Research and Management	Applications of Bayesian Statistical Methods to Fisheries	The Influence of Dams on River Fisheries	September 14 Thursday
Egan 6	Egan 7-8	Egan 9-10	Egan 11-12	Room
Nancy Wallace	William Fisher	Steve Fleischman	Don Jackson	Moderator
Refreshments				
Bonzek, Christopher F.*; Latour, Robert J; Gartland, James ; Parthree, Debra J	Fisher, William L.*	Stern, Hal*	Jackson, Donald C.*; Marmulla, Gerd	8:00 AM
Examining the influence of spatial and temporal diet variability on estimates of predator consumption in a dynamic estuary	Trends in Geographic Information Systems and Geospatial Analyses in Fisheries	Bayesian Statistical Methods: How and (most important) Why?	Challenges to river fisheries: Impacts and opportunities from dams	
SO-41-01	SO-43-01	SO-44-01	SO-30-20	
Latour, Robert J.*; Gartland, James ; Bonzek, Christopher F	Scholz, Astrid J.*; Steinback, Charles S.P.; Mertens, Mike M	↓	Burroughs, Bryan A.*; Hayes, Daniel B; Mistak, Jessica ; Klomp, Kristi	8:20 AM
Do the stomach contents of striped bass and weakfish suggest 'localized depletion' of Atlantic menhaden in Chesapeake Bay?	Mapping fishing grounds, use patterns and economic value--an integrated GIS for area-based management in central California		Dam removal effects on river morphology and fish habitat: results from the 10 year case study of the Stronach Dam removal	
SO-41-02	SO-43-02		SO-30-21	
Giordano, Steven D.*; Orner, Derek	Janssen, Fred W.*; Scofield, Craig	↓	Wertheimer, Robert H.*; Evans, Allen F	8:40 AM
Implementing a Plan for Multi-Jurisdictional Ecosystem-Based Fisheries Management in Chesapeake Bay.	A grid-based approach to mapping habitat in Texas reservoirs		An evaluation of the passage routes and return rates from steelhead kelts passing lower Columbia River hydro-dams (2000-2004)	
SO-41-03	SO-43-03		SO-30-22	
Orner, Derek M.*; Giordano, Steven	Johnson, J. D.*	Hendrix, Albert N.*	O'Keefe, Daniel M.*; Jackson, Donald C	9:00 AM
Developing a Comprehensive Approach for Ecosystem-based Fisheries Research & Management in Chesapeake Bay	Alaska Department of Fish and Game's Fish Distribution Database Uses and Utilities	A Review of Bayesian Methods in Fisheries Science	From Tombigbee River to Tennessee Tombigbee Waterway: Twenty years of evolution as a new fishery	
SO-41-04	SO-43-04	SO-44-02	SO-30-23	
Vaughan, Douglas S.*; Smith, Joseph W.; Williams, Erik H.	Freund, Jason G.*; Fisher, William L; Echelle, Anthony A; Marsh-Matthews, Edith ; Hargrave, Chad	Zhang, Xinxian* ; Geiger, Harold J.	Baird, Ian G.*	9:20 AM
Effect of recruitment strength on mean size at age and migration of Atlantic menhaden	Development of an Internet-based GIS to manage and disseminate fish museum collection information in Oklahoma	A Bayesian model to estimate an overall proportion using a collection of fishery samples from a series of sampling domains	Large dams, fish and fisheries, and public perceptions in the Mekong River Basin in Mainland Southeast Asia	
SO-41-05	SO-43-05	SO-44-03	SO-30-24	
Garrison, Lance P.; Link, Jason S; Cieri, Matthew*	Beard, Doug* ; Phillips, Dan	Sullivan, Patrick J.*; Boomer, G. Scott	Powell, Gary L.*	9:40 AM
Using a modified MSVPA to evaluate interactions between Atlantic menhaden and its predators.	Creation of an integrated arcIMS Caribbean Coral Ecosystems data system	An Empirical Bayes Approach for Estimating the Binomial N from a Multiple Pass Depletion Survey in New York Trout Streams	Environmental flow needs of riverine and estuarine fishes: multistage operating rules for impoundments and diversions	
SO-41-06	SO-43-06	SO-44-04	SO-30-25	



September 14 Thursday	The New State Comprehensive Wildlife Conservation Strategies: Aquatic/Fisheries Components	Advances in Telemetry: Opportunities and Challenges for Fisheries and Aquatic Ecology	Habitat and Water Quality	The Evolution and Ecology of Biocomplexity as a Key to Fisheries Sustainability	Salmon 2100 Project
Room	Egan 13	Egan 14	Egan - LaParouse	Egan - Arteaga	ACPA- Atwood
Moderator	Tim Hess	Michael Millard	Ann Puffer	Lorenz Hauser, Lisa Seeb, Jim Seeb & Jeff Olsen	Bob Lackey
	Refreshments				
8:00 AM	Hess, Tim* ; Koenings, Jeff	Block, Barbara A.*	Roper, Brett B.*; Kershner, Jeffrey	Quinn, Thomas P.*	Lackey, Robert T.*; Lach, Denise H.
	State Comprehensive Wildlife Conservation Strategies: Their Origin, Status and Potential	Electronic Tagging of Highly Migratory Fishes Reveals New Insights for Fisheries Management and Oceanography	Does land management affect the distribution of stream habitat attributes in wildland settings?	Life history patterns of Bristol Bay sockeye salmon: They don't call in 'biocomplexity' for nothing	Salmon 2100 Project: Alternative futures for Pacific Northwest salmon
	SO-45-01	SO-47-01	CO-16-01	SO-48-01	SO-34-01
8:20 AM	Holst, Lisa K.*; Stang, Doug L	↓	Ford, Zachary L.*; Rabeni, Charles F; Zweig, Leanna	Schindler, Daniel E.*; Hilborn, Ray ; Quinn, Thomas P; Leavitt, Peter R; Johnson, Susan P; Brock, Curtis	↓
	Conserving All of New York's Aquatic Resources: Keeping Comprehensive in the Wildlife Conservation Strategy.		Effects of Sediment From Highway Construction on a Missouri-Ozark Stream	Long-term patterns of biocomplexity in Bristol Bay sockeye populations and their resilience to climate change	
	SO-45-02		CO-16-02	SO-48-02	
8:40 AM	Ambrose, Jonathan P.*; Albanese, Brett W.	Cooke, Steven J.*; Hinch, Scott G	Lyday, Cris* ; Patton, Tim ; Morel, James	Lin, Jocelyn* ; Hilborn, Ray ; Quinn, Thomas P; Hauser, Lorenz	Williams, Jack E.*; Pister, Edwin P.
	Development of the Aquatic Component of Georgia's Comprehensive Wildlife Conservation Strategy	Biotelemetry as a tool in fisheries science: Insights from other taxa	Extensive Sedimentation Affects Morphometrics and Fish Communities in a Southern Oklahoma Reservoir	Ecological and Genetic Population Differentiation in Bristol Bay Sockeye Salmon: Implications for Biocomplexity	Lifestyles and ethical values to sustain salmon and ourselves
	SO-45-03	SO-47-02	CO-16-03	SO-48-03	SO-34-02
9:00 AM	Humpert , Mark ; Holland, Richard ; Schainost, Steve ; Hutchinson, Larry ; Schneider , Rick ; Gabelhouse, Jr., Don*	↓	Reiser, Dudley W.*; Loftus, Michael ; Helser, Thomas ; Hendrix, Noble	Ruggerone, Greg T.*; Jennifer, Nielsen ; Link, Michael	Bailey, Larry L.; Boshard, Michelle L.*
	Nebraska Natural Legacy Project: Developing an Aquatic Conservation Blueprint for Nebraska		Relationship of adult Lost River and shortnose sucker habitat in Upper Klamath Lake to changes in lake elevation	Salmon age structure and variable resilience of Bristol Bay sockeye salmon to climate change	Follow the Money: Why Salmon Recovery Has Failed
	SO-45-04		CO-16-04	SO-48-04	SO-34-03
9:20 AM	Smith, Timothy (T.O.)*	Hightower, Joseph E.*	Raabe, Joshua K.*; Bozek, Michael A; Crunkilton, Ronald L; Newman, Steven P	Knapp, Gunnar* ; Hilborn, Ray ; Chasco, Brandon	Hartman, Gordon F.*; Northcote, Thomas G.; Cedeholm, Carl J.
	The Montana Comprehensive Fish and Wildlife Conservation Strategy	Telemetry methods for estimating mortality rates in fish	Structural components and functional dynamics of natural walleye spawning reefs in a north temperate lake	Agent-Based Modeling of the Bristol Bay Drift Gillnet Salmon Fishery	Human Numbers – The Alpha Factor Affecting the Future of Salmon
	SO-45-05	SO-47-03	CO-16-05	SO-48-05	SO-34-04
9:40 AM	Burch, Mark E.*; McCracken, Betsy W; Schwarber, James A	Pollock, Kenneth H.*	Tyson, Jeffrey T.*; Roseman, Edward F.; Knight, Roger L.	Utter, Fred M.*	Ashley, Kenneth I.*
	Conserving Alaska's aquatic fauna	Combining telemetry and standard tag-return data to estimate fishing and natural mortality rates.	Walleye Habitat in Lake Erie: Physical Habitat and Biological Accommodation at Relevant Spatial Scales	Salmonid biocomplexity and integrated management of wild and hatchery populations: some conservation and productivity issues	Wild Salmon in the 21st Century: Energy, Triage, and Choices
	SO-45-06	SO-47-04	CO-16-06	SO-48-06	SO-34-05



Innovative Approaches in Managing North Pacific Groundfish Fisheries	Fisheries Conservation	Fisheries, Fishermen, and Fishing Communities: Socioeconomic Perspectives on the West Coast, Alaska, and Hawaii	Biology, Assessment, and Management of Pacific Rockfishes (Lowell Wakefield Fisheries Symposium)	September 14 Thursday
ACPA- Discovery	ACPA- Laurence	ACPA- Voth	Hilton Denali	Room
Jane DiCosimo	Marlin Cox	Kevin Hunt	Sherrie Pristash	Moderator
Refreshments				
Ackley, David R.*	Minkinen, Steven P.*; Richardson, Brian	Knapp, Gunnar P.*	Hayden-Spear, Jessica D.*; Gunderson, Donald R	8:00 AM
Electronic reporting and timely quota monitoring in Alaska's groundfish fisheries	Developing an Atlantic sturgeon (<i>Acipenser oxyrinchus</i>) restoration program in Maryland	Implications of Aquaculture for Wild Fisheries: The Case of Alaska Wild Salmon	Nearshore habitat associations of juvenile rockfish (<i>Sebastes</i> spp) in the San Juan Channel, WA.	
SO-35-01	CO-11-04	SO-36-01	SO-13-37	
Loomis, Todd M.*; Karp, William A.	Rosenberger, Amanda E.*; Dunham, Jason B; Rieman, Bruce	Clausen, Rebecca J.*	Palsson, Wayne A.*; Gunderson, Don ; Greene, Gary ; Pacunski, Robert E; Endris, Charles	8:20 AM
Use of Observers in Managing North Pacific Groundfish Fisheries	The effects of wildfire and channel disturbance on individual and life-history traits of rainbow trout in Idaho streams	Social Impacts of Aquaculture to Alaska's Wild Capture Fishing Communities	Habitat Characterization and Population Estimation for San Juan Channel Rockfishes	
SO-35-02	CO-11-05	SO-36-02	SO-13-38	
Olson, Eric A.*	Holbrook, Christopher M.*; Zydlewski, Joseph ; Kinnison, Michael T.	Herrmann, Mark L.*; Criddle, Keith R	Pirtle, Jodi L.*; Tissot, Brian N; Roberts, Dale A; Howard, Dan	8:40 AM
Community Development Quota (CDQ) Harvest Management	Mortality and delay of emigrating Atlantic salmon associated with hydroelectric dams in the Penobscot River, Maine	Alaska Halibut Revenues, Transferable Quotas and Halibut Farming	Structure-forming invertebrates as components of benthic habitat for rockfish (<i>Sebastes</i>) on Cordell Bank, California	
SO-35-03	CO-11-06	SO-36-03	SO-13-39	
Seeb, J. E.*; Kondzela, C ; Wilmot, R L; Abe, S ; Seeb, L W	Reeves, Kerry S.*; Galat, David L.	Criddle, Keith* ; Herrmann, Mark	Shotwell, Stacey Anne Kalei* ; Heifetz, Jonathan	9:00 AM
Innovative markers provide high-resolution, high throughput DNA data for resolving chum and Chinook salmon bycatch	Defining near-shore nursery habitat for larval fishes in the lower Missouri River channel	A state space bioeconomic model of Pacific halibut	Rockfish density and commercial fishing intensity on benthic habitats in the Gulf of Alaska	
SO-35-04	CO-11-07	SO-36-04	SO-13-40	
Rose, Craig S.*; Gauvin, John ; Gruver, John F	Mickle, Paul F.*; Kreiser, Brian R; Adams, Susie B; Scheafer, Jake F; Bowen, Bryant R	Matulich, Scott C.*; Roth, Monica J.	Tissot, Brian N.*; Wakefield, Waldo W; Puniwai, Noelani PF; Yoklavich, Mary M; Clemons, Julia ER; Pirtle, Jodi	9:20 AM
Modifying pelagic trawls to reduce salmon bycatch in Alaska's pollock fisheries: Cooperative development and testing	Understanding the Life Stages and Habitat Use of the Alabama Shad, <i>Alosa alabamae</i> in the Pascagoula River Basin	The Impact of Processing Quotas on the Economic Welfare of Crab Harvesters: the Empirical Evidence	Ecological associations between structure-forming invertebrates and rockfish on Heceta Bank, Oregon with reference to corals	
SO-35-05	CO-11-08	SO-36-05	SO-13-41	
Haflinger, Karl E.*	Sponholtz, Pamela J.*; Hedwall, Shaula ; Weedman, David ; Unthank, Amy ; Reid, Ian ; Haden, Allen	Hartman, Jeffrey L.*	Wakefield, W Waldo*; Clemons, Julia E R; Tissot, Brian N; Whitmire, Curt E.; Hart, Ted D; Embley, Robert W	9:40 AM
Avoiding salmon bycatch: fishery cooperatives and bycatch management contracts	Physical and biological restoration of Fossil Creek, Arizona: Successful collaboration across organizations and individuals	Mandatory Economic Data Collection for BSAI Crab Fisheries: Lessons from Required Submission of Crab Industry Data	Habitat associations and diel activity in rockfishes on a deep-water bank off Oregon	
SO-35-06	CO-11-09	SO-36-06	SO-13-42	



September 14 Thursday	Fisheries Management	Habitat--What Is It, How Is It Measured, and How Do Fish Assemblages Respond To It?	Using Video Technology for Fisheries Applications	Behavioral Perspectives in Fish Conservation and Management	Invasive Species in Large River Systems
Room	Egan 1	Egan 2	Egan 3	Egan 4	Egan 5
Moderator	Joel Carlin	Bob Hughes	Ted Otis	Joe Parkos	Jill Hardiman
10:00 AM					
10:20 AM	Karchesky, Christopher M*; Cramer, Doug ; Sharp, Melanie M; Brush, Timothy D; Esler, John	Stanfield, Les W.I.*	Kramer, Steven H.*; Kramer, Sharon H; Zajanc, David ; Baker, Peter	Philipp, David P.*	Sytsma, Mark D.*; Chapman, John ; Cordell, Jeff ; Draheim, Robyn
	Evaluation of the importance of attraction flow placement for passage of coho smolts at a hydroelectric facility	Towards a stream monitoring network for Ontario: A new way of doing business	A Baited Video System and PIT tag detector to estimate population size of bull trout in a McKenzie River reservoir, Oregon.	The Interface Between Angling and Parental Care in Black Bass	Aquatic Nonindigenous Species in the Lower Columbia River
	CO-12-29	SO-37-07	SO-38-07	SO-39-07	SO-40-07
10:40 AM	Gale, Steve B.*; Zale, Al V; McMahon, Tom E; Clancy, Chris	Lucchetti, Gino L.*; Fuerstenberg, Robert R.; Jorgensen, Mary; Moe, Jill ; Richter,Klaus O.	Grant, Gerold C.*; Radomski, Paul ; Anderson, Charles S	Barthel, Brandon L.*; Cooke, Steven J; Svec, Jana H; Bunt, Chris M; Suski, Cory D; Philipp, David P	Counihan, Tim D.*; Hatten, James R.; Hardiman, Jill M.
	Fish Screens as a Management Tool for Inland Native Salmonids in Montana.	The use of Best Available Science in setting land use regulations for aquatic habitats	Using underwater video to directly estimate gear selectivity. The retention probability for walleye in gill nets	Applying spatial dynamics and habitat use patterns to the study of population structure in smallmouth bass	Modeling the effects of dam operations on distribution and abundance of Eurasian watermilfoil in a Columbia River impoundment
	CO-12-30	SO-37-08	SO-38-08	SO-39-08	SO-40-08
11:00 AM	Munro, Andrew R.*; Gillanders, Bronwyn M.; Crook, David A.; Sanger, Andrew C.	Bryant, Mason D.*; Woodsmith, Richard D.	Walsh, Philip J.*; Paul , Winger D.	Suski, Cory D.*; Ridgway, Mark S	
	Rare earth element marking of otoliths for evaluating the effectiveness of native-species stock enhancement programs	Response of juvenile salmonid abundance to physical variables at three geographic scales in southeast Alaska	Using underwater video to improve fishing gears targeting snow crab and Atlantic cod in Newfoundland	Diel vertical movement behaviour of smallmouth bass.	
	CO-12-31	SO-37-09	SO-38-09	SO-39-09	
11:20 AM	Heitman, N Elizabeth*; Racey, Christopher L; Lochmann, Steve E	Rieman, Bruce E.*; Luce, Charlie ; Dunham, Jason	Buckley, Mark K.*	Reynolds, John D.*	Choi, Sangho* ; Andress, Earl ; Murray, Dewey W. ; Fitzsimmons, Kevin
	First-year Contribution to the Year Class and Growth of Largemouth Bass Stocked at 50 mm and 100 mm into the Arkansas River	Scaling of habitat, disturbance, and population structure for bull trout	The Digital Observer: An alternative system for monitoring commercial fisheries	Behavioral ecology of extinction risk in fishes	Salvinia weevil as part of an IPM program for control of Giant Salvinia on Colorado River
	CO-12-32	SO-37-10	SO-38-10	SO-39-10	SO-40-10
11:40 AM	Damon-Randall, Kim B.*; Bolden, Stephania K	Schmutz, Stefan* ; Pont, Didier ; Melcher, Andreas ; Beier, Ulrika ; Haidvogel, Gertrud ; Noble, Richard	Connor, Judith L.*	Johnson, Eric L.*; Clabough, Tami S; Peery, Christopher A; Stuehrenberg, Lowell C	Chapman, Duane C.*; Jacobson, Robert B.
	Shortnose sturgeon and the Endangered Species Act	FAME - Standardised Fish- based Assessment Method for the ecological status of European rivers	Taming the video deluge	Migration depths of adult Chinook salmon and steelhead in the Columbia and Snake rivers in relation to dissolved gas exposure	Pairing telemetry with hydrodynamic modelling and habitat classification for bighead and silver carp in the Missouri River.
	CO-12-33	SO-37-11	SO-38-11	SO-39-11	SO-40-11



Ecological Significance of Marine Forage Species	Geographic Information System and Geospatial Analyses in Fisheries Research and Management	Applications of Bayesian Statistical Methods to Fisheries	The Influence of Dams on River Fisheries	September 14 Thursday
Egan 6	Egan 7-8	Egan 9-10	Egan 11-12	Room
Douglas Vaughan	Fred Janssen	Noble Hendrix	Clark Hubbs	Moderator
				10:00 AM
Wallace, Nancy E.*; Meyers, Stephen*	Sowa, Scott P.*; Annis, Gust M.; Morey, Michael E.; Diamond, David D.; Nigh, Timothy A.; Figg, Dennis	Helser, Thomas E.*; Stewart, Ian J.; Lai, Han-Lin	Hubbs, Clark*	10:20 AM
Bridging the Gap Between Predator and Prey Species: An Atlantic Menhaden Case Study	The importance of GIS for developing comprehensive strategies to conserve freshwater biodiversity, an example from Missouri	Bayesian Hierarchical Meta-analysis of Growth of 46 Species of the Genus <i>Sebastes</i> in the Eastern Pacific Ocean.	Impacts of reservoirs on Texas streams	
SO-41-07	SO-43-07	SO-44-05	SO-30-26	
Brodziak, Jon K. T.*; Legault, Christopher M.; Col, Laurel A.; Overholtz, William J.	Klopfer, Scott D.*; Mattson, Kimberly H; Angermeier, Paul L	Minte-Vera, Carolina V.*; Hilborn, Ray	Miranda, L.E. (Steve)* ; Gomes, L. C.; Agostinho, A. A.	10:40 AM
Trends in demersal and pelagic species biomasses in the northeast USA continental shelf ecosystem	Utilizing available spatial data to assess ecological risk in an aquatic gap analysis for the Upper Tennessee River Basin	Bayesian hierarchical meta-analysis of density-dependent somatic growth in haddock	Managing reservoirs with river concepts	
SO-41-08	SO-43-08	SO-44-06	SO-30-27	
Mahmoudi, Behzad* ; Okey, Tom A.; Mackinson, Steve ; Vasconcellos, Marcelo ; Vidal, Laura	Torgersen, Christian E.*; Gresswell, Robert E; Bateman, Douglas S; Hockman-Wert, David P	Watson, Tim ; Hartill, Bruce*	Stalnaker, Clair B.*	11:00 AM
Application of a mass balance model exploring ecosystem impact of harvesting small pelagic species of the west Florida shelf	Effects of spatial scale on measures of salmonid abundance in headwater streams	Estimation of recreational snapper harvest using a hierarchical Bayesian model of boat ramp traffic	Upstream and downstream physical changes to stream environments resulting from dams	
SO-41-09	SO-43-09	SO-44-07	SO-30-28	
Sigler, Michael F.*	Dauwalter, Daniel C.*; Fisher, William L; Splinter, Dale K; Marston, Richard A	Adkison, Milo D.*; Su, Zhenming	Matthews, William J.*; Gido, Keith B; Marsh-Matthews, Edie	11:20 AM
Ecological significance of seasonal aggregations of marine forage species for Steller sea lions	Spatial patterns of smallmouth bass populations in eastern Oklahoma streams	Salmon escapement estimates using a hierarchical Bayesian approach	Effects of Lake Texoma (OK-TX) and Tuttle Creek Reservoir (KS) on fishes in the reservoirs and their tributary streams	
SO-41-10	SO-43-10	SO-44-08	SO-30-29	
Rose, Kenneth A.*	Brewer, Shannon K.*; Rabeni, Charles F; Sowa, Scott P; Annis, Gust ; Morey, Michael E	Liermann, Martin* ; Sharma, Rishi ; Parken, Chuck	Caudill, Christopher* ; Keefer, Matthew ; Peery, Christopher ; Daigle, William ; Clabough, Tami ; Boggs, Charles	11:40 AM
Complexity in Forage Fish Population Dynamics and Management	Using geographic information system to isolate landscape factors affecting the distribution and abundance of smallmouth bass	Using a hierarchical modeling approach to incorporate watershed size in the management of Chinook salmon populations	Migration behavior, thermal exposure, and migration success in adult salmon ascending the Columbia and Snake Rivers	
SO-41-11	SO-43-11	SO-44-09	SO-30-30	



September 14 Thursday	The New State Comprehensive Wildlife Conservation Strategies: Aquatic/Fisheries Components	Advances in Telemetry: Opportunities and Challenges for Fisheries and Aquatic Ecology	Habitat and Water Quality	The Evolution and Ecology of Biocomplexity as a Key to Fisheries Sustainability	Salmon 2100 Project
Room	Egan 13	Egan 14	Egan - LaParouse	Egan - Arteaga	ACPA- Atwood
Moderator	Tim Hess	David Smith	Ann Puffer	Lorenz Hauser, Lisa Seeb, Jim Seeb & Jeff Olsen	Bob Lackey
10:00 AM					
10:20 AM	Erickson-Eastwood, Linda* ; Mullin, Emmett ; Carlson, Daren ; Blair, Robert ; Cornett, Meredith	Jepsen, Niels*	McGinty, Margaret K.*; Mowrer, James ; HardyCampo, Andrea ; Lukacovic, Rudolph ; Uphoff, Jr. James H	Olsen, Jeffrey B.*; Wenburg, John K; Miller, Steve J; Harper, Ken	Brannon, Ernest L.*
	Comprehensive Wildlife Conservation Strategy Planning the Minnesota Experience	Status of the methodology of capture, handling and tagging fish and the ethical questions involved	Developing a Citizen Volunteer Program to Inventory Migratory and Resident Fish Habitat in Maryland's Chesapeake Bay	The role of gender in biocomplexity: Male-biased sex ratios and effective population size in chinook salmon	Engineering the future for Pacific salmon and steelhead
	SO-45-07	SO-47-05	CO-16-07	SO-48-07	SO-34-06
10:40 AM	King, Mitch and Edwards, Gary*	Brill, Richard W.*; Musyl , Michael K	Mueller, Robert P.*	Tallmon, David A.*; Spruell, Paul	Dose, Jeffrey J.*
	U.S. Fish and Wildlife Service Involvement in the Development and Implementation of the Strategies	Results from pop-up satellite archival tag (PSAT) attachments to Pacific billfish, tunas, and sharks – a cautionary tale	Deepwater Spawning of Fall Chinook Salmon near Ives and Pierce Island of the Columbia River, 1999-2004.	Inferring the importance of life history variation to bull trout persistence using genetic, demographic, and simulated data.	Commitment, Strategy, Action: The Three Pillars of Salmon Recovery in the Pacific Northwest
	SO-45-08	SO-47-06	CO-16-08	SO-48-08	SO-34-07
11:00 AM	Hagenstein, Randall H.*	Weng, Kevin C.*; Castilho, Pedro C; Landeira, Ana ; Holts, David B; Morrissette, Jeffrey M; Schallert, Robert J	Tracy, Emily K.*; Galat, David L; Jacobson, Robert B	Siegel, David A.*; Mitarai, Satoshi ; Costello, Christopher ; Gaines, Steven D; Hilborn, Raymond W	Michael, Jr., John H.*
	Non-governmental organization participation in Comprehensive Wildlife Conservation Plans	Warm Sharks in Polar Seas: Satellite Tracking from the Dorsal Fins of Salmon Sharks	Predicting shallow-water habitat availability for fishes on lower Missouri River sandbars	The Stochastic Nature of Larval Transport and its Implications for the Management of Nearshore Marine Ecosystems	People, salmon, and growth in western North America: A strategy to accommodate all three through 2100
	SO-45-09	SO-47-07	CO-16-09	SO-48-09	SO-34-08
11:20 AM		Fabrizio, Mary C.*; Manderson, John P.*; Pessutti, Jeffrey P.	Smith, Michael C.*; Rulifson, Roger A	Alessa, Lilian* ; Olsen, Jeffrey B.	MacDonald, Don D.; Knudsen, E. Eric; Steward, Cleve R.*
	PANEL DISCUSSION	Activity patterns and dispersal of black sea bass in a disturbed coastal environment	Critical Habitat Assessment of Anadromous Fish Spawning in a Coastal North Carolina Watershed	Managing systems on the edge of chaos: Understanding human response to changes in marine ecosystems	Managing Human Activities to Achieve Long-Term Sustainability of Pacific Salmon and Steelhead Populations
	SO-45-10	SO-47-08	CO-16-10	SO-48-10	SO-34-09
11:40 AM		Hanson, Kyle C.*; Cooke, Steven J; Suski, Cory D; Niezgoda, George ; Phelan, Frank J S; Tinline, Rowland	Weinhold, Mark R.*	Arvai, Joseph L.*	Rahr, Guido R.*; Augerot, Xanthippe
		Fine-scale temporal and spatial analyses of largemouth bass behaviour using a 3-D whole- lake acoustic telemetry observatory	Modeling Habitat Changes in Small, Steep Streams from Ski Area Development in the Colorado Rocky Mountains.	Decision making for the management of complex systems.	Salmon 2100: A proactive strategy to anchor and restore the priority wild salmon ecosystems
	SO-45-11	SO-47-09	CO-16-11	SO-48-11	SO-34-10



Innovative Approaches in Managing North Pacific Groundfish Fisheries	Fisheries Conservation	Fisheries, Fishermen, and Fishing Communities: Socioeconomic Perspectives on the West Coast, Alaska, and Hawaii	Biology, Assessment, and Management of Pacific Rockfishes (Lowell Wakefield Fisheries Symposium)	September 14 Thursday
ACPA- Discovery	ACPA- Laurence	ACPA- Voth	Hilton Denali	Room
Art Nelson	Marlin Cox	Kevin Hunt	Sherrie Pristash	Moderator
				10:00 AM
Gauvin, John* ; Rose, Craig ; Burch, Alvin	Bartz, Krista K.*; Lagueux, Kerry ; Scheuerell, Mark D.; Beechie, Tim J.; Haas, Andrew ; Ruckelshaus, Mary H.	Hall-Arber, Madeleine I.*; St. Martin, Kevin	Clausen, David M.*; Fujioka, Jeffrey T.	10:20 AM
Ongoing efforts to reduce halibut bycatch and increase flatfish yields in the Gulf of Alaska	Translating restoration scenarios into habitat conditions: An initial step in evaluating salmon recovery strategies	Mapping Fishing Communities At Sea	Variability in Trawl Survey Catches of Shortraker Rockfish, Rougheye Rockfish, and Pacific Ocean Perch in the Gulf of Alaska.	
SO-35-07	CO-11-10	SO-36-07	SO-13-43	
Straley, Jan* ; O'Connell, Tory ; Behnken, Linda ; Thode, Aaron	Piston, Andrew W.*; Heini, Steven C; Johnson, Todd A; Geiger, Harold J	Norman, Karma C.*; Primo, John V	Cope, Jason M.*; Punt, André E.	10:40 AM
Southeast Alaska Sperm Whale Avoidance Project: Fishermen and scientists working to reduce whale depredation on longlines	Rehabilitation of Sockeye Salmon runs at Hugh Smith Lake, Southeast Alaska	Fishing Community Profiling on the Western Front: Confidentiality and Urban Change as Community Confounders	Assessing fish stocks in data-limited situations: Implications for the management of Sebastes	
SO-35-08	CO-11-11	SO-36-08	SO-13-44	
Mueter, Franz J.*; Megrey, Bernard A.	Anderson, Joseph H.*; Quinn, Thomas P	Fricke, Peter H.*	Courtney, Dean L.*; Ianelli, James N.; Hanselman, Dana ; Heifetz, Jonathan	11:00 AM
Variability in groundfish productivity off Alaska: Potential causes and implications for management	Above the dam: Colonization of new habitat by coho salmon	Old towns, new people: Transformation of commercial fishing in the Pacific Northwest	Application of an Age-structured Population Assessment Model Template to Gulf of Alaska Northern Rockfish	
SO-35-13	CO-11-12	SO-36-09	SO-13-45	
Ianelli, James N.*	Bear, Beth A.*; McMahon, Thomas E.; Zale, Alexander V.	Seung, Chang K.*	Field, John C.*; Dick, Edward J; Key, Meisha ; Lucero, Yasmin ; MacCall, Alec ; Pearson, Don	11:20 AM
Developments in stock assessment modeling for North Pacific groundfish	Temperature effects on growth and survival of westslope cutthroat trout: Implications for conservation and restoration	Estimating the Contribution of Fisheries to the Economies of Alaska Fishery-Dependent Communities	Population dynamics of an unexploited rockfish, <i>Sebastes jordani</i> , in the California Current	
SO-35-10	CO-11-13	SO-36-10	SO-13-46	
Kleinleder, Richard J.*	Al-Chokhachy, Robert K.*; Budy, Phaedra ; Conner, Mary	Carothers, Courtney*	Fujioka, Jeffrey T.*; Lunsford, Chris R.; Heifetz, Jonathan ; Clausen, David M.	11:40 AM
Evaluating Fisheries Management Tools for Protecting Seabird Populations	Salmonid monitoring and conservation: Understanding the accuracy and costs of our efforts	Fishing Quotas and Communities: A Case Study from the Gulf of Alaska	Stratifying by Echosounder Signal to Improve Trawl Survey Precision for Pacific Ocean Perch	
SO-35-11	CO-11-14	SO-36-11	SO-13-47	



September 14 Thursday	Fisheries Management	Habitat--What Is It, How Is It Measured, and How Do Fish Assemblages Respond To It?	Using Video Technology for Fisheries Applications	Behavioral Perspectives in Fish Conservation and Management	Invasive Species in Large River Systems
Room	Egan 1	Egan 2	Egan 3	Egan 4	Egan 5
Moderator	Perry Edwards	Lou Reynolds	Brad Harris	Joe Parkos	Phil Moy
1:15 PM	Introduction				
1:20 PM	King, Bruce E.*; Palmer, Douglas ; Hasbrouck, James J.	Kocovsky, Patrick M.*	Harris, Bradley P.*; Stokesbury, Kevin D. E.	Quinn, Thomas P.*	Starostka, Andrew B.*; Hill , Tracy D; Caswell, Nate ; Wrasse, Colby ; Brown , Michael ; Stancil, Wayne
	Use of radio telemetry data to assess the risk of a fishery management strategy in lieu of abundance estimates	A coarse-scale perspective of fish habitat in eastern streams	Examination of sea scallops and benthic habitat using underwater video along the North Atlantic Continental Shelf I	Homing and straying: The yin and yang of salmon evolution	Age, growth and aging structure comparison of bighead and silver carp in the Missouri and Illinois rivers
	CO-12-34	SO-37-12	SO-38-12	SO-39-12	SO-40-12
1:40 PM	Sharov, Alexei F.*	Schwartz, John S.*	Stokesbury, Kevin D. E.*; Harris, Bradley P.	Hinch, Scott G.*; Cooke, Steve J; Crossin, Glenn ; Young, Jeff ; Larrison, Stefan ; Wagner, Glenn	Rendall, Jay; Moy, Phil B.*
	Defining the status of menhaden population in Chesapeake Bay	Fish habitat characterized by biological needs, stage-specific hydraulics, and geomorphological complexity	Examination of sea scallops and benthic habitat using underwater video on the North Atlantic Continental Shelf II	Influence of high temperatures on adult salmon behaviour and survival: Physiological telemetry and intervention experiments	Experience with a dispersal barrier in a navigation canal and application of barrier technologies in the Mississippi River
	CO-12-35	SO-37-13	SO-38-13	SO-39-13	SO-40-13
2:00 PM	Johnson, Nicholas S.*; Luehring, Mark A.; Li, Weiming	Stranko, Scott A.*; Hurd, Martin K; Klauda, Ronald J; Millard, Christopher J	Harvey, Euan S.*; Shortis, Mark ; Seager, James ; Cappel, Mike	Parsons, Darren M.*; Eggleston, David B	Sparks, Richard E.; Dettmers, John M.; Barkley, Traci L.*
	Pheromone Induced Behavior and Pheromone Reception in Ovulating Female Sea Lampreys	Using species tolerances to diagnose anthropogenic stressors to stream fishes	Applications of stereo-video to the assessment of benthic fish assemblages	Indirect Effects of Human Disturbance on Caribbean Spiny Lobster Behavior and Mortality	Assessment of a Dispersal Barrier System to Prevent Interbasin Transfers of Harmful Aquatic Species
	CO-12-36	SO-37-14	SO-38-14	SO-39-14	SO-40-14
2:20 PM	Colombo, Robert E.*; Garvey, James E; Heidinger, Roy C	Walters, David M.*; Daniel, F. Bernard; Griffith, Michael H; McCormick, Frank H.	Shortis, Mark R.*; Robson, Stuart ; Harvey, Euan S; Seager, James W	DeVries, Paul E.*; Goetz, Fred A; Seiler, David E; Fresh, Kurt L; Johnson, Peter N	Nedwell, Jeremy R.*; Lovell, Joe ; Pegg, Mark ; Turnpenny, Andrew W H
	Differences In The Channel Catfish Population Dynamics Between Fished And Un-Fished Regions Of The Wabash River.	Effect of flow regime on fish-habitat relationships in a mid-western river	The use of stereo-video for collecting length information on sea-caged Southern Bluefin tuna	Influence of Water Temperature on Smolt Migration and Passage Behavior at the Hiram Chittenden Locks, Lake Washington Basin	Species-selective acoustic barriers for control of non-indigenous species.
	CO-12-37	SO-37-15	SO-38-15	SO-39-15	SO-40-15
2:40 PM	Nieland, Julie L.*; Hansen, Michael J.; Seider, Michael J.	Emery, Erich B.*; Blocksom, Karen A; Thomas, Jeffrey A; Walters, David M	Seager, James W.; Abdo, David A; Harvey, Euan S; Shortis, Mark R.*	Neff, Bryan D.*; Pitcher, Trevor E	Hilwig, Kara D.*; Coggins, Lew ; Haden, George A.; Lauretta, Matt ; Leibfried, Bill ; Marks, Jane
	Effects of Predation and Gill-net Fishing Effort on Lake Trout Recruitment in Wisconsin Waters of Lake Superior, 1981-2003	Setting expectations for the Ohio River Fish Index based on in-stream habitat	Volume and surface area measurement in fisheries using photogrammetry and 3-D modeling	Sexual selection and breeding programs: good gene and compatible gene effects in chinook salmon	The efficacy of mechanical removal of nonnative fishes in Southwestern Streams.
	CO-12-38	SO-37-16	SO-38-16	SO-39-16	SO-40-16
3:00 PM	Peard, Dean ; McCubbing, Don* ; Dolighan, Rob	Kaufmann, Philip R.; Hughes, Robert M.*	Williams, Alan* ; Barker, Bruce A; Kloser, Rudy J; Bax, Nicholas J		Mueller, Gordon A.*
	Flat pad portable resistivity fish counters - a new approach to escapement enumeration for fish populations under stress	Habitat Assessment considering both biota and mechanisms of geomorphic and anthropogenic influence on streams.	Applying video data to spatial management in a deep water fishery off SE Australia		Non-Native Fish Removal and Control in the Colorado River Mainstem: What Have We Learned?
	CO-12-39	SO-37-17	SO-38-17		SO-40-17



				September 14 Thursday
MPAs: Fitting the Pieces into the Fisheries Mosaic	Geographic Information System and Geospatial Analyses in Fisheries Research and Management	Applications of Bayesian Statistical Methods to Fisheries	The Influence of Dams on River Fisheries	
Egan 6	Egan 7-8	Egan 9-10	Egan 11-12	Room
Suzanne Iudicello	Stuart Shipman	Hal Geiger	Clark Hubbs	Moderator
Introduction				1:15 PM
Iudicello, Suzanne*	Doka, Susan E.*; Minns, Charles K; Bakelaar, Carolyn N; Rae, Charlene ; Chu, Cindy ; Bouvier, Lynn D	Peterman, Randall M.*; Su, Zhenming ; Haeseker, Steven L	Hildebrand, Heather* ; Welsh, Stuart A	1:20 PM
MPAs and the Fisheries Mosaic	Evaluating the potential effects of water level fluctuations on fishes and fish habitat using spatially based approaches	Spatial hierarchical Bayesian models for stock-recruitment analyses of pink, chum, and sockeye salmon	The upstream movement of American eels at the Millville Dam eel ladder	
SO-42-01	SO-43-12	SO-44-10	SO-30-31	
Reynolds, James* ; Tawake, Alifereti	Geddes, Christine A.*; Kraft, Lidia S; Rutherford, Edward S	Millar, Russell B.*	Eltz, Brian* ; Haro, Alex ; Castro-Santos, Ted	1:40 PM
Dependence of Fisheries Management on Cultural Traditions in the Fiji Islands	A Decision Support Tool for Evaluating Impacts of Dam Removal Scenarios on Adfluvial Fish Habitats in the Great Lakes Basin	Reference priors for Bayesian fisheries models	Downstream passage of migrating silver-phase American eel at a hydroelectric dam	
SO-42-02	SO-43-13	SO-44-11	SO-30-32	
Taggart, S. J.*; Mondragon, J. ; Andrews, A. ; Nielsen, J. K.	Marshall, Emily R.*; Rutherford, Edward S; Creque, Sara M; Swank, David R	Magnusson, Arni* ; Punt, Andre E	Johnson, Robert L.*; LeCaire, Richard ; Simmons, Mary Ann; McKinstry, Craig A; Simmons, Carver S	2:00 PM
Marine reserve research in Glacier Bay National Park: Successes and challenges	Use of Landscape-scale models to estimate recruitment of steelhead and Chinook salmon to Lake Michigan fisheries.	Measuring uncertainty in age-structured fisheries stock assessment models using the delta method, bootstrap, and MCMC	Evaluation of fish deterrence using strobe lights at Grand Coulee Dam, Washington (2002–2004)	
SO-42-03	SO-43-14	SO-44-12	SO-30-33	
Buckhorn, Michele L.*	Holbrook, Beth V.*; Hrabik, Thomas R; Branstrator, Donn K; Schram, Stephen T	Wilberg, Michael J.*; Bence, James R	Higginbottom, Ian* ; Wilson, Matthew ; Pauly, Tim	2:20 PM
Reef Organism Diversity in Relation to a Leopard Grouper Spawning Aggregation Site in Loreto Marine Park, Baja California Sur	Habitat Quality Assessment for Age-0 Lean Lake Trout at Two Spawning Shoals in the Apostle Island Region of Lake Superior	Performance of Bayesian model selection in statistical catch-at-age stock assessments	Fish tracking for the DIDSON acoustic imaging system and new tools for 3D and 4D visualization	
SO-42-04	SO-43-15	SO-44-13	SO-30-34	
Bernstein, Brock B.*	Rubec, Peter J.*; Lewis, Jesse; Reed, David; Ashbaugh, Charles F.; Lashley, Curt; Versaggi, Salvatore	Brandon, John R.*; Breiwick, Jeff	Dawson, James J.*; Acker, Timothy W	2:40 PM
Integrating Marine Reserve Science and Fisheries Management, the Consensus Conference	An Electronic Logbook Developed Through Cooperative Research To Support Shrimp Fishing and Fisheries Management	Alternative sampling schemes for life history parameters used in Bayesian stock assessments of bowhead whales	Remote sensing, analysis, and management of fish passage using advanced digital split-beam acoustic technology	
SO-42-05	SO-43-16	SO-44-14	SO-30-35	
Grimes, Churchill ; Wooninck, Lisa* ; Wahle, Charles M.	Wiedmer, Michael* ; Ver Hoef, Jay M.; Reed, Daniel J.; Buckwalter, Joseph D.	Millar, Russell B.*	Sonny, Damien* ; Knudsen, Frank R.; Enger, Per E.; Kvernstuen, Torstein ; Sand, Olav	3:00 PM
Integration of Marine Protected Areas and Fisheries Science and Management	Application of spatial statistical models to predict fish distribution.	Automatic calculation of the sensitivity of Bayesian fisheries models to informative priors	Fish reaction to infrasonic in a lake and at a power plant cooling water intake in a river	
SO-42-06	SO-43-17	SO-44-15	SO-30-36	



September 14 Thursday	Non-salmonid Stock Enhancement In North America: Status and Challenges	Advances in Telemetry: Opportunities and Challenges for Fisheries and Aquatic Ecology	Habitat and Water Quality	The Future of Conservation Genetics: Integrating Molecular and Quantitative Genetic Approaches	Salmon 2100 Project
Room	Egan 13	Egan 14	Egan - LaParouse	Egan - Arteaga	ACPA- Atwood
Moderator	Raymond Rhodes	John Sweka	Don Martin	Jeff Hard	Bob Lackey
1:15 PM	Introduction				
1:20 PM	Shane, Michael A.*; Drawbridge, Mark A	Grant, Cameron A.*	Koski, K V.*	Moran, Paul*	Rees, William E.*
	Stock enhancement of white seabass in California	Overview of modern antennas, data systems, receivers, transmitters, open protocol telemetry systems	Creation of Wetlands in an Urban Stream for Overwinter Habitat of Nomadic Coho Salmon	Selection gradients, heritabilities and molecular pedigrees: Ecological genetics comes of age in the 'Post-Modern Synthesis'	Human Nature, the Growth Imperative and the Precarious State of Pacific Salmon
	SO-46-01	SO-47-10	CO-16-12	SO-49-01	SO-34-11
1:40 PM	Okiihiro, Mark S.*; Adkison, Mark ; Hedrick, Ronald P	Kuechle, Larry (Valerian) B.*	Kameyama, Satoshi* ; Fukushima, Michio ; Harashima, Akira ; Shimazaki, Hiroto ; Kaneko, Masami	Danzmann, Roy G.*; Gharbi, Karim ; Moghadam, Hooman K.; Ferguson, Moira M.	Bella, David A.*
	Wild Fish Disease Surveillance: A necessary step in prevention of epizootic disease transfer from cultured fish	A Systems Approach to Choosing Equipment for studies	The impact of anthropogenic activities on stream water quality and freshwater fish habitats - A nationwide study in Japan	Sex-specific genetic mapping in salmonid fishes and its application to the identification of quantitative trait loci.	Wild Places For Wild Salmon
	SO-46-02	SO-47-11	CO-16-13	SO-49-02	SO-34-12
2:00 PM	Apeitos, Angelos ; Blaylock, Reginald B.*; Hawkins, William E.; Leber, Kenneth M.; Lotz, Jeffery M.	Braun, Melinda J.; Hill, Roger*	Johnson, Alison J.*; Peake, Stephan J	Edmands, Suzanne*	Knudsen, Eric* ; Doyle, Eric
	The U.S. Gulf of Mexico Marine Stock Enhancement Program: Assessment of cultured red snapper released in the Gulf of Mexico	Electronic tagging of marine fish: Current capabilities and limitations in data collection, retrieval and analysis	A light at the end of the tunnel - Using gait transition to determine culvert water velocity	Can outbreeding depression be cured? Support from molecular markers, morphometrics and fitness data	Science and Technology Will Help to Sustain Salmon Populations and their Ecosystems in 2100
	SO-46-03	SO-47-12	CO-16-14	SO-49-03	SO-34-13
2:20 PM	Smith, Theodore I. J.*; Jenkins, Wallace E.; Denson, Michael R.; Stokes, Alvin D.	Anson, Peter*	Canny, Laura L.*; Bozek, Michael A; Hauxwell, Jen	Gharrett, Anthony J.*; Smoker, William W.; Gilk, Sara E.; Hoover, Carrie L.; Geiger, Harold J.	Kolmes, Steven A.*; Butkus, Russell A.
	A multi-faceted approach to monitor and restore abundance of red drum in South Carolina	Technology's children: New tools, emergent practice	Response of Macrophytes to Human Perturbation in Wisconsin Lakes	Local adaptation in pink salmon: I. Genetic marking, quantitative genetics, local structure, and outbreeding depression	Got wild salmon? An ethical-scientific analysis of salmon recovery in California and the Cascadia bioregion
	SO-46-04	SO-47-13	CO-16-15	SO-49-04	SO-34-14
2:40 PM	Franckowiak, Ryan P.; Sloss, Brian L.*; Bozek, Michael A.; Newman, Steven P	Eiler, John H.*	Cleary, Jaclyn S.*; Bradford, Michael J.; Janz, David M.; Peterman, Randall M.	Smoker, William W.*; Gharrett, Anthony J.; Joyce, John E.; Hebert, Kyle P.; Fukushima, Michio	Lombard, John H.*
	Genetic Impacts of Supplemental Stocking of Walleye in Escanaba Lake, WI	Using Telemetry to Study Salmon Returns in Large River Drainages	Examining the use of lipid analysis as an indicator of fish habitat condition in large rivers of central British Columbia	Local adaptation in an Alaskan pink salmon stream II. Temporal structure and the genetics of development rates.	Salmon recovery: getting the prices right to ensure abundant wild salmon through this century
	SO-46-05	SO-47-14	CO-16-16	SO-49-05	SO-34-15
3:00 PM	Beck, Jessica L.*; Rooker, Jay R	Thorsrad, Eva B.*; Økland, Finn ; Finstad, Bengt ; Bjørn, Pål A.; Sivertsgård, Rolf ; McKinley, R. Scott	Searcy, Steven P.*; Eggleston, David B.; Hare, Jon A.	Seamons, Todd R.*; Hard, Jeffrey J.; Quinn, Tom P.	Martin, Jim T.*
	The Effect of Rearing Environment on the Development of Survival Skills in Hatchery Red Drum (<i>Sciaenops ocellatus</i>)	Fjord migration of wild and hatchery-reared Atlantic salmon and brown trout post-smolts and the risk of sea lice infestation	Is growth a valid indicator of habitat quality?	Intra-annual variability and heritability of length and date of emigration in wild steelhead smolt families	Climate Change and Development: Salmon Caught in the Squeeze
	SO-46-06	SO-47-15	CO-16-17	SO-49-06	SO-34-16



Innovative Approaches in Managing North Pacific Groundfish Fisheries	Fisheries Conservation	Fisheries, Fishermen, and Fishing Communities: Socioeconomic Perspectives on the West Coast, Alaska, and Hawaii	Biology, Assessment, and Management of Pacific Rockfishes (Lowell Wakefield Fisheries Symposium)	September 14 Thursday
ACPA- Discovery	ACPA- Laurence	ACPA- Voth	Hilton Denali	Room
David Benton	John Rinne	Kevin Hunt	Sherrie Pristash	Moderator
Introduction				1:15 PM
Lee, Anne L.*	Budy, Phaedra* ; Schaller, Howard	Pomeroy, Caroline* ; Dalton, Michael ; McCarthy, Erin	Haltuch, Melissa A.*; Punt, Andre E	1:20 PM
Dealing with uncertainty in a NEPA setting: principles of adaptive management	Predicting the effects of freshwater restoration on the overall survival of Snake River salmon: How much is enough?	Assessing socio-economic impacts on fishing communities: The importance of using community-level data	The promise and pitfalls of using climate data in rockfish stock assessments	
SO-35-12	CO-11-15	SO-36-12	SO-13-48	
Sigler, Michael F.*; Nichol, Daniel G.; Courtney, Dean L.; Ianelli, James N.; Hulbert, Leland B.	Neidetcher, Sandra K.*; Shi, Yunbing	Glazier, Edward W.*	Hanselman, Dana H.*; Spencer, Paul D; Shotwell, S. Kalei ; Reuter, Rebecca F	1:40 PM
Applications of archival, satellite and sonic tags for North Pacific groundfish management	Movements of Pacific cod, <i>Gadus macrocephalus</i> , around "Cod Alley" in the Southeast Bering Sea	Mitigation at the Fisheries-Oil Development Interface: The Case of the Salmon Drift Gillnet Fishery, Cook Inlet, Alaska	Short-term localized depletion and long-term localized population changes for Alaskan rockfish	
SO-35-09	CO-11-16	SO-36-13	SO-13-49	
Enticknap, Ben B.*	Bellquist, Lyall F.*; Lowe, Christopher G; Caselle, Jenn E	Waste, Stephen M.*	Lunsford, Chris R.*; Sigler, Michael F.; Fujioka, Jeffrey T.	2:00 PM
Moving Toward an Ecosystem-Based Approach in the North Pacific	Movement patterns and habitat use of ocean whitefish (<i>Branchiostegidae</i>), in a Santa Catalina Island marine reserve	Fisheries Allocation Decision Making: The Role of Organizational Ambiguity	Distribution of Rougheye and Shortraker Rockfish in the Gulf of Alaska, Bering Sea, and Aleutian Islands	
SO-35-14	CO-11-17	SO-36-14	SO-13-50	
Aydin, Kerim Y.; Gaichas, Sarah K.*	Barrios, Anna T.*; Rand, Peter S.	Layton, David F.*; Haynie, Alan	O'Farrell, Michael R.*; Botsford, Louis W	2:20 PM
The role of ecosystem models in the Alaska management process	Passive acoustic monitoring of spatial-temporal patterns of spawning activity for red drum in the Neuse River Estuary, NC.	Economic Impacts of Closing the Steller Sea Lion Conservation Area to Pollock Fishing: Methodology and Estimates	Progress toward estimation of persistence for nearshore rockfish populations in California	
SO-35-15	CO-11-18	SO-36-15	SO-13-51	
Woodby, Doug* ; Stone, Bob ; Heifetz, Jon ; Carlile, Dave ; Greene, Gary	Roulson, Leanne H.*; Garcia, John C.; Roberts, Wendy	Collins, Catherine D.*	Palsson, Wayne A.*; Tsou, Tien Shui ; Bargmann, Greg G.; Buckley, Raymond M.; West, James E.; Mills, Mary Lou	2:40 PM
Deep-sea coral habitats in the Aleutian Islands	Reconstructing historic fisheries: Tools for attainable mitigation	Knowledge and Information Sharing in the British Columbia Salmon Fishery	The Status of Rockfish Populations in Puget Sound, Washington	
SO-35-16	CO-11-19	SO-36-16	SO-13-52	
Kurland, Jonathan M.*	Arlinghaus, Robert* ; Raghbi-Moreno, Michael ; Dieckmann, Ulf	Allen, Stewart D.*; Gough, Amy	Spencer, Paul D.*; Hanselman, Dana	3:00 PM
Habitat Conservation in the North Pacific: How Serious Disagreements Bred a Momentous Compromise	Recreational Angling-Induced Evolutionary Changes in Size-Selectively Exploited Pike (<i>Esox lucius</i>) Populations	Yes, They Eat the Bait: Ethnic Dynamics among Owners, Captains, and Crew in the Hawaii Longline Fleet.	The effect of maternal age of spawning on estimation of Fmsy for Alaskan Pacific ocean perch	
SO-35-17	CO-11-20	SO-36-17	SO-13-53	



September 14 Thursday	Fisheries Management	Habitat--What Is It, How Is It Measured, and How Do Fish Assemblages Respond To It?	Using Video Technology for Fisheries Applications	Chairman's Choice	Invasive Species in Large River Systems
Room	Egan 1	Egan 2	Egan 3	Egan 4	Egan 5
Moderator	Perry Edwards	Lou Reynolds	Brad Harris	Joe Margraf	Jill Hardiman
3:20 PM	Refreshments				
3:40 PM	Billington, Neil* ; Koigi, Rachael N; Graeb, Brian D. S.; Willis, David W	Van Sickle, John ; Whittier, Thomas R.*	Gallager, Scott M.*; Tiwari, Sanjay ; Singh, Hanu ; Howland, Jonathan ; Taylor, Richard ; Vine, Norman	Freund, Jason G.*; Petty, J. Todd	Rinne, John N.*; Sillas, Albert ; Carter, Codey D.
	Walleye-sauger hybridization in three South Dakota main-stem Missouri River reservoirs	Using relative risk to assess the severity of stream stressors at a regional scale	High Resolution Underwater Imaging and Image Processing for Identifying Essential Fish Habitat	Fishes as indicators of acid mine drainage (AMD): Some usual and unusual suspects	Predator removal in a desert river, Arizona: feel good or effective project?
	CO-12-40	SO-37-18	SO-38-18	CO-14-01	SO-40-18
4:00 PM	Ricks, Benjamin R.*; Maceina, Michael J	Rashleigh, Brenda* ; Parmar, Rajbir ; Johnston, John M	Yoklavich, Mary M.*	Heppell, Scott A.*; Giannico, Guillermo ; Li, Hiram W; Feldhaus, Joseph ; Madrinan, Francisco L; Tattam, Ian	Ansell, Dean H.*
	The Effects of Tournament Fishing on Dispersal and Population Characteristics of Black Bass in Lake Martin, Alabama	Interactive habitat suitability models for stream fishes in the Mid-Atlantic Highlands	Using Video and Direct Observations from Manned Mini-Submersibles to Survey Fishes and Habitats on the Seafloor	Tier III Monitoring as a Planning Tool for Restoration: A Riverscape Perspective	Integrating carp management with river rehabilitation initiatives: An Australian perspective
	CO-12-41	SO-37-19	SO-38-19	CO-14-02	SO-40-19
4:20 PM	Beck, Patrick A.*; Brooks, Ron C		Clemons, Julia E.R.*; Wakefield, W Waldo; Whitmire, Curt E; Tissot, Brian N; Merle, Susan G	Lewis, Bert* ; Merizon, Richard	Mitchell, Andrew J.*; Kelly, Anita M
	Movement and Habitat Use of Muskellunge in a Southern Illinois Reservoir	DISCUSSION	Using video and sonar technologies with GIS tools to investigate fish habitat communities off the Oregon coast	Zooplankton Indicators of Coghill Lake Sockeye Salmon Over-escapement	The public sector role in the establishment of grass carp in the United States
	CO-12-42	SO-37-20	SO-38-20	CO-14-03	SO-40-20
4:40 PM	Harris, John L.*; Ney, John J.		Jagiello, Thomas H.*; Tagart, Jack V.; Wallace, Farron R.; Wang, Susan	Whitledge, Gregory W.*; Johnson, Brett M; Martinez, Patrick J; Martinez, Anita M	
	Impacts of the Invasive White Perch on the Fish Assemblage of Kerr Reservoir, Virginia		Development and Application of a 3-Beam Quantitative Measurement System for Demersal Groundfish Surveys	Environmental history of centrarchids in the Colorado River: insights from otolith strontium and hydrogen isotope analyses	PANEL DISCUSSION
	CO-12-43		SO-38-21	CO-14-04	SO-40-21
5:00 PM	Jones, Tucker A.*; Friesen, Thomas A.; Koloszar, James A.; Reesman, Martyne J.		Rooper, Christopher N.*; Zimmermann, Mark	Massengill, Robert L.*; Evans, David G.; Hasbrouck, James J.	
	The response of the John Day Reservoir piscivore community to the Northern Pike minnow Management Program		Integrating multibeam and sidescan sonar surveys with video tows to map juvenile Pacific ocean perch habitat in Alaska	Stock assessment of a wild run of coho salmon: Total run reconstruction for Kenai River coho salmon	
	CO-12-44		SO-38-22	CO-14-05	
5:20 PM	Jiao, Yan* ; Reid, Kevin; Nudds, T.		Parrish, Frank A.*	McKinley, Timothy R.*; Reimer, Adam M.; Clark, Robert A	
	Developing a Framework of Searching for Robust Management Solutions for Fisheries		Video as a means to estimate and monitor the prey community of monk seals	Stock assessment of early-run Kenai River Chinook salmon: How did we get a slot limit for Chinook salmon?	
	CD-12-45		SO-38-23	CO-14-06	



MPAs: Fitting the Pieces into the Fisheries Mosaic	Geographic Information System and Geospatial Analyses in Fisheries Research and Management	Applications of Bayesian Statistical Methods to Fisheries	The Influence of Dams on River Fisheries	September 14 Thursday
Egan 6	Egan 7-8	Egan 9-10	Egan 11-12	Room
Suzanne Iudicello	Jeff Waldon	Milo Adkison	Don Jackson	Moderator
Refreshments				3:20 PM
Weber, Michael L.; Golding, Susan*	Walter, John F.*; Christman, Mary C; Hoenig, John M.	Maunder, Mark N.*; Besbeas, P C; Takis	Marsh, Douglas M.*; Smith, Steven G; Sandford, Benjamin P; Zabel, Rich W	3:40 PM
California's MLPA Initiative: A Public-Private Partnership	Combining data from multiple years or areas to improve variogram estimation	Incites into Bayesian analysis: data based priors. (note: misspelling intentional)	Affects of Juvenile Passage History through the Columbia River Hydropower System on Subsequent Smolt-to-Adult Return Rates	
SO-42-07	SO-43-18	SO-44-16	SO-30-37	
James, Bill*	Galuardi, Benjamin* ; Nielsen, Anders ; Lutcavage, Molly	Eggers, Douglas M.*	Muir, William D.*; Smith, Steven G; Williams, John G; Marsh, Douglas M	4:00 PM
MPA's — The Good, the Bad, and the Ugly: The Utility of MPA's and the MPA Movement in Fishery Management	Analysis of Smoothed Sea Surface Temperature Fields to Improve Kalman Filtered Estimates of Atlantic Bluefin Tuna Locations	Alternative Harvest Policies for Naknek-Kvichak District Sockeye Salmon	Downstream survival of juvenile salmonids through the Snake/Columbia River hydropower system and adult return rates	
SO-42-08	SO-43-19	SO-44-17	SO-30-38	
Recksiek, Heidi ; Kessler, Brienne ; Wenzel, Lauren*		Gibson, Jamie F.*; Amiro, Peter G; Myers, Ransom A.	Fryer, Jeffrey K.*	4:20 PM
Stakeholder Involvement in Recent Marine Protected Area Processes: Identifying Lessons Learned	DISCUSSION	Bayesian Analysis of Extinction Risk in Atlantic salmon	Factors affecting recovery rates of natural- and hatchery-reared Hanford Reach coded-wire tagged fall chinook salmon.	
SO-42-09	SO-43-20	SO-44-18	SO-30-39	
		Pyper, Brian J.*; Adkison, Milo D	Haddix, Tyler* ; Mabbott, Brent ; Gillin, Ginger	4:40 PM
Q&A		Setting salmon escapement goals to account for climate fluctuations and uncertainty	Evaluating salmonid behavior in relation to projects operations in a complex tailrace at a Western Montana hydroelectric dam	
SO-42-10		SO-44-19	SO-30-40	
		Ianelli, James N.*	McGrath, Kevin J.*; Ault, Scott ; Fleury, Carole ; Desrochers, Denis	5:00 PM
		Bayesian Methods in Fisheries Management Strategy Evaluations	Evaluation of transport systems to move American eel upstream of a hydroelectric dam to avoid fallback to the tailrace.	
		SO-44-20	SO-30-41	
		Butterworth, Doug S.*; Cunningham, Carryn L; Glazer, Jean L	McKinstry, Craig A.*; Simmons, Mary ; Simmons, Carver S.; Johnson, Robert L.	5:20 PM
		Experiences with Bayesian approaches in assessments and management procedure developments for South African fisheries	Summary of strobe light studies at Grand Coulee Dam 2002-2004	
		SO-44-21	SO-30-42	



September 14 Thursday	Non-salmonid Stock Enhancement In North America: Status and Challenges	Advances in Telemetry: Opportunities and Challenges for Fisheries and Aquatic Ecology	Habitat and Water Quality	The Future of Conservation Genetics: Integrating Molecular and Quantitative Genetic Approaches	Salmon 2100 Project
Room	Egan 13	Egan 14	Egan - LaParouse	Egan - Arteaga	ACPA- Atwood
Moderator	Raymond Rhodes	Matt Sciafani	Don Martin	Paul Moran	Bob Lackey and Denise Lach
3:20 PM	Refreshments				
3:40 PM	Schumacher, Brett D.*; Parrish, James D	Hinch, Scott G.*; Cooke, Steve J.; Young, Jeff; Mathes, Todd; Farrell, Anthony P; Van Der Kraak, Glen	Guillen, George J.*	Hard, Jeffrey J.*; Thrower, Frank P.; Joyce, John E.	Lach, Denise*
	Spatial Relationships between an Introduced Snapper and Native Goatfishes on Hawaiian Reefs	Using telemetry to integrate behavior & physiology at varying spatial scales: experiences with migrating adult Pacific salmon	Factors associated with mass mortality of fish in a Pacific Northwest river	Differentiation of anadromous and freshwater populations of <i>Oncorhynchus mykiss</i> : Implications for conservation and recovery	Can We Get There from Here?: Wild Salmon in the 21st Century
	SO-46-07	SO-47-16	CO-16-18	SO-49-07	SO-34-17
4:00 PM	Coykendall, D Katharine*; Hedgcock,, Dennis E	Adams, Noah S.*; Cash, Kenneth M.; Perry, Russell W; Beeman, John W; Rondorf, Dennis W	Adamack, Aaron T.*; Rose, Kenneth A.; Breitburg, Denise L; Lung, Wu-Seng; Nice, Alex J	Wirgin, Isaac*; Roy, Nirmal K.; Carlson, Erik; Chambers, R. Christopher	↓
	The Effect of Supportive Breeding on the Genetic Diversity of White Seabass, (<i>Atractoscion nobilis</i>)	Using radio telemetry to answer fishery questions: Case studies on juvenile salmonids in big rivers.	Simulating the effects of human and natural influences on the survival of bay anchovy eggs and larvae in the Patuxent River	Molecular, Organismic, and Population Alterations from Contaminant Exposure in Atlantic Tomcod from the Hudson River	
	SO-46-08	SO-47-17	CO-16-19	SO-49-08	
4:20 PM	Rhodes, Raymond J.*; Whitehead, John; Smith, Theodore I.J.	Royer, Douglas D.*	Davias, Lori A.*; Thompson, Jessica S.; Rice, James A.	Scribner, Kim T.*; Jones, Michael; Rosa, Guilherme; Gilmore, Stacy	
	Estimating angler willingness to pay for Red Drum stocking in South Carolina using a state income tax check-off scenario	Evaluations of restoration efforts of American shad on the lower Susquehanna River using radio telemetry	Is it temperature? Is it oxygen? Is it food? How hot and hungry reservoir striped bass keep growing.	Parentage analysis and estimation of environmental and genetic sources of variation in juvenile sea lamprey body size	PANEL DISCUSSION
	SO-46-09	SO-47-18	CO-16-20	SO-49-09	SO-34-18
4:40 PM	James, Michelle D.*	Castro-Santos, Theodore* ; Haro, Alexander; Sullivan, Timothy	O'Brien, John P.*; Margraf, F. Joseph		
	An Economic and Policy Assessment of Industry Funded Geoduck Enhancement in British Columbia	Using 2-D and PIT telemetry to study the relationship between hydraulics and behavior of American shad at a fishway entrance	A spawning habitat-based escapement goal for chum salmon in the Tuluksak River, southwestern Alaska		
	SO-46-10	SO-47-19	CO-16-21		
5:00 PM	Adams, Charles M.*; Sweat, Don E.	Shane, Michael A.*; Drawbridge, Mark A	Thompson, Patricia F.*; Ringle, Neil H.; Madsen, John D.; Effler, Steven W.; Siniscal, Anthony C.	McClelland, Erin K.*; Naish, Kerry A	
	The Economic Consequences Associated with Bay Scallop Stock Enhancement in Florida	Developing surgical procedures for implanting transmitters in white seabass and application of Vemco VR28 to small vessels	Fish community dynamics in the littoral zone of Onondaga Lake, NY in anticipation of habitat restoration.	Genomic Analysis of Age at Maturity in Coho Salmon	
	SO-46-11	SO-47-20	CO-16-22	SO-49-11	
5:20 PM		Brousseau, Lorne J.*; Smith, David; Kalasz, Kevin; Bennett, Karen; Millard, Michael	Sommer, Ted R.*; Harrell, William; Nobriga, Matthew	Nichols, Krista M.*; Felip, Alicia; Wheeler, Paul; Thorgaard, Gary	
		Simultaneous Tracking of Horseshoe Crabs and Shorebirds to Study Species Interactions using a Baywide Radio Telemetry Array.	Come hell or high water: Habitat use and stranding risk of juvenile Chinook salmon on a seasonal floodplain	Revealing the genetic basis of smoltification characters in rainbow and steelhead trout	
		SO-47-21	CO-16-23	SO-49-12	



Innovative Approaches in Managing North Pacific Groundfish Fisheries	Fisheries Conservation	Fisheries, Fishermen, and Fishing Communities: Socioeconomic Perspectives on the West Coast, Alaska, and Hawaii	Biology, Assessment, and Management of Pacific Rockfishes (Lowell Wakefield Fisheries Symposium)	September 14 Thursday
ACPA- Discovery	ACPA- Laurence	ACPA- Voth	Hilton Denali	Room
Stephanie Madsen	John Rinne	Kevin Hunt	Sherrie Pristash	Moderator
Refreshments				3:20 PM
Smith, William Thornton*	Weedman, David A.*	Gough, Amy E.*; Allen, Stewart D		3:40 PM
For the Birds - The Mingled Destinies of Lohgoliners and Seabirds in the North Pacific	Application and Efficacy of Antimycin A to Restore Native Fishes in Fossil Creek, Arizona	Determinants of Job Satisfaction for Filipino Crew in the Hawaii Longline Fleet	Discussion and Symposium Wrap-Up	
SO-35-18	CO-11-21	SO-36-18	SO-13-54	
McBeath, Jerry*	Drill, Sabrina L.*; Abramson, Mark ; Dagit, Rosi ; Goode, Suzanne ; Pritchett, David	Pan, Minling* ; Griesemer, Adam		4:00 PM
Decision-making in marine mammal conservation	Restoring Passage for Southern Steelhead in the Santa Monica Mountains, California	Want fish or fishing - economic evaluation of fishing tournaments in Hawaii		
SO-35-19	CO-11-22	SO-36-19		
Fina, Mark*	Schaller, Howard A.*; Petrosky, Charles E	Gentner, Brad* ; Lee, Todd		4:20 PM
Share-based management in the North Pacific	Do Snake River stream-type Chinook salmon still show evidence of substantial levels of delayed mortality?	NOAA Fisheries Experience Using Stated Preference Choice Experiments to Examine Angler Responses to Different Policies.		
SO-35-20	CO-11-23	SO-36-20		
Sullivan, Joseph M.*	Bellgraph, Brian J.*; Guy, Christopher S; Leathe, Stephen A; Gardner, William M	Whitehead, John C.*; Haab, Timothy C; Hicks, Robert L.		4:40 PM
Management Through Cooperative Agreements	Resource overlap between sauger and walleye in the Missouri River, Montana: Implications for declining sauger populations	The Economic Value of Marine Recreational Fishing on the Pacific Coast		
SO-35-21	CO-11-24	SO-36-21		
Kimball, Nicole S.; Downs, Michael*	Adams, Robert D.*; Reinhardt, Ulrich			5:00 PM
Protecting community interests in North Pacific fishery management programs	Suction Strengths and Attachment Behaviors of Spawning-run Sea Lampreys			
SO-35-22	CO-11-25			
Madsen, Stephanie*	Battin, James* ; Bartz, Krista L; Imaki, Hiroo ; Ruckelshaus, Mary H; Wiley, Matthew ; Korb, Elizabeth			5:20 PM
Reauthorization of the Magnuson-Stevens Act: The future of North Pacific groundfish management	Potential impacts of climate change on habitat restoration for chinook salmon in the Puget Sound region			
SO-35-23	CO-11-26			