2016 ANNUAL MEETING PROGRAM
NEW YORK CHAPTER
AMERICAN FISHERIES SOCIETY

50th Anniversary

“Building Resiliency into Fish Management Plans – Sustaining Fisheries in a Changing World”

February 10-12, 2016
Otesaga Resort Hotel
Cooperstown, NY
This schedule provides the meeting room locations in **bold font,** presenting author is **underlined,** and presenting author affiliation is in **italics.**

**February 10\textsuperscript{th}, 2016**

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<thead>
<tr>
<th>Time</th>
<th>Location</th>
<th>Event</th>
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<tr>
<td>8:00AM-9:00AM</td>
<td>Oak Room</td>
<td>Registration</td>
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<tr>
<td>10:15AM-10:30AM</td>
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<td>Break</td>
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<tr>
<td>10:30AM-12:00PM</td>
<td>Glimmerglass</td>
<td>Adaptive Management Workshop</td>
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<tr>
<td>12:00PM-1:00PM</td>
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<td>Lunch (on your own)</td>
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<tr>
<td>1:00PM-2:30PM</td>
<td>Glimmerglass</td>
<td>Adaptive Management Workshop</td>
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<tr>
<td>2:30PM-2:45PM</td>
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<td>Break</td>
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<tr>
<td>2:45PM-4:30PM</td>
<td>Glimmerglass</td>
<td>Adaptive Management Workshop</td>
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<tr>
<td>4:30PM-6:00PM</td>
<td>Abner Doubleday</td>
<td>NYCAFS Executive Committee Meeting</td>
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<td>6:00PM-7:00PM</td>
<td>Pathfinder</td>
<td>Brook Trout Meeting – Discussion between Cornell and NYSDEC pertaining to ongoing research.</td>
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<tr>
<td>7:00PM-9:00PM</td>
<td>Fenimore</td>
<td>NYCAFS Welcome Social</td>
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<tr>
<td>9:00PM-12:00AM</td>
<td>Templeton Lounge</td>
<td>Fire bar and late night social</td>
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PLENARY

February 11th, 2016

7:00AM-12:00PM
Oak Room  Registration

7:00AM-8:30AM
Glimmerglass  Continental Breakfast

8:30AM-8:45AM
Ballroom  Introduction to the Annual Meeting
Chris VanMaaren, Chapter President

8:45AM-9:15AM
Ballroom  Resilience 101: concepts and examples from New York state fisheries.
Brian Weidel, USGS, Lake Ontario Biological Station

9:15AM-9:45AM
Ballroom  Resilience and recovery of marine fish populations: points of no-return
and productivity regime shifts. Olaf Jensen, Rutgers University

9:45AM-10:15AM
Ballroom  Managing for evolutionary resilience.
Matthew Hare, Cornell University

10:15AM-10:30AM
Ballroom Rotunda  Break

10:30AM-11:00AM
Ballroom  Resiliency in the management of marine fisheries. Russell W. Brown,
Dvora Hart and Liz Brooks, NOAA Fisheries, Northeast Fisheries Science
Center

11:00AM-11:30AM
Ballroom  Climate change as a driver of the homogenization of New York’s stream
fish fauna. James R. Jackson, Cornell University

11:30AM-1:00PM
Glimmerglass  Lunch

1:00PM-1:30PM
Ballroom  Stream corridor management: from planning to pile driving. George
Fowler, Woidt Engineering and Consulting

1:30PM-2:00PM
Ballroom  Managing Percids in Lake Erie, a New York State perspective. Donald
W.Einhouse, NYS DEC Lake Erie Unit
2:00PM-2:15PM
Ballroom Rotunda Break

2:15PM-2:45PM
Ballroom Managing for resilience across the eastern brook trout historic range. Nathaniel Gillespie, USDA Forest Service

2:45PM-3:15PM
Ballroom Are lake trout ecologically resilient or not? – species, ecosystems, and management. Charles C. Krueger, Michigan State University

3:15PM-4:00PM
Ballroom Panel Discussion

4:00PM-5:00PM
Ballroom NYCAFS Business Meeting

5:00PM-6:30PM
Fenimore Poster Session

6:30PM-10:00PM
Glimmerglass Banquet and Raffle

10:00PM-12:00AM
Templeton Lounge Fire bar and late night social

CONTRIBUTED PRESENTATIONS

February 12th, 2016

7:00AM-10:00AM
Oak Room Registration

7:00AM-8:00AM
Glimmerglass Continental Breakfast

MODERATORS
Ballroom Session 1 Tony Van De Valk, Cornell
Glimmerglass Session 2 Margaret Murphy, SUNY ESF
Iroquois Room Session 3 Fred Henson, NYSDEC

8:00AM-8:20AM
Ballroom Fluctuations in rainbow and brown trout populations in a Finger Lakes tributary after stream habitat restoration. Cushman, Susan, Nicolette E, Andrzejczyk, Shannon M Beston and Jordan L Youngmann, Hobart & William Smith Colleges

Glimmerglass The population ecology of ammocoetes in three New York streams. Thomas M Evans, SUNY ESF
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<th>Time</th>
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<th>Authors</th>
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<tr>
<td>8:20AM-8:40AM</td>
<td>Ballroom</td>
<td>Migration and movement of American shad (<em>Alosa sapidissima</em>) in the Hudson River: a five-year study.</td>
<td>Christopher R. Standley, Amanda L. Higgs, P. Christian Perry, NYSDEC</td>
</tr>
<tr>
<td></td>
<td>Glimmerglass</td>
<td>Invasive round goby diet patterns in upper St. Lawrence River coastal habitats.</td>
<td>Andrew Miano, John Farrell, SUNY ESF</td>
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<td></td>
<td>Iroquois Room</td>
<td>Is potassium chloride better than sodium chloride for preventing the spread of the zebra mussel?</td>
<td>Eric A. Davis, SUNY Oneonta</td>
</tr>
<tr>
<td>8:40AM-9:00AM</td>
<td>Ballroom</td>
<td>Projected effects of dam passage performance standards on recovery of American shad (<em>Alosa Sapidissima</em>).</td>
<td>Dan Stich, Timothy Sheehan, and Joseph Zydlewski, SUNY Oneonta and NOAA</td>
</tr>
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<td></td>
<td>Glimmerglass</td>
<td>When does an Endangered/Threatened fish species in NYS get down-classified?</td>
<td>Doug Carlson, NYSDEC</td>
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<td></td>
<td>Iroquois Room</td>
<td>Die-offs of Atlantic menhaden <em>Brevoortia tyrannus</em>.</td>
<td>RG Getchell, KL Sams, R Smolowitz, PR Bowser, H. Marquis, Cornell University</td>
</tr>
<tr>
<td></td>
<td>Glimmerglass</td>
<td>Status of the last wild population of northern sunfish (<em>Lepomis peltastes</em>) in New York State: changes in the fish community and hybridization with bluegill (<em>L. macrochirus</em>) in Tonawanda Creek, Erie County.</td>
<td>David Sanderson-Kilchenstein, James Haynes, SUNY Brockport</td>
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<tr>
<td></td>
<td>Iroquois Room</td>
<td>Early mortality syndrome affects Lake Ontario steelhead trout.</td>
<td>Matt Futia, Sage Hallenbeck, Jacques Rinchard, SUNY Brockport</td>
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<tr>
<td>9:20AM-9:40AM</td>
<td>Ballroom</td>
<td>Niagara River habitat improvement projects: adaptive approaches to a high-energy system.</td>
<td>Timothy DePriest, NYSDEC</td>
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<td>Glimmerglass</td>
<td>A comparison of fish communities in southwestern Lake Ontario tributaries from one century ago.</td>
<td>Ben Carson, Paul Shipman, Rochester Institute of Technology</td>
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<td></td>
<td>Iroquois Room</td>
<td>Age and size as predictors of mercury accumulation in lake trout from the Finger Lakes.</td>
<td>Alex Gatch, Roxanne Razavi, Lisa Cleckner, Meghan Brown, John Foust, Bruce Gilman, Hobart College</td>
</tr>
</tbody>
</table>
9:40AM-10:10AM
Ballroom Rotunda  Break

10:10AM-10:30AM
Ballroom  The feasibility of lake sturgeon microchemistry in the St. Lawrence River. Seth A. Love, Quinton E. Phelps, Scott, J. Schluetter, and Rodger M. Klindt, Southeast Missouri State University

Glimmerglass  Expanded trawl survey enhances understanding of Lake Ontario benthic fishes. Rebecca Haehn, Brian Weidel, Maureen Walsh, Michael Connerton, Jeremy Holden, Patrick Schulze, USGS, Lake Ontario Biological Station

Iroquois Room  Variability in and robust estimates of acoustic relationships in Mysis diluviana. Toby Holda, Lars Rudstam, David Warner, Kathy Leisti, Jeremy Holden, Maureen Walsh, Michael Connerton, Cornell University

10:30AM-10:50AM
Ballroom  Distribution and morphology of larval cisco Coregonus artedi in Chaumont Bay, Lake Ontario. Ellen George, Darran Crabtree, Brian Lantry, Matthew Hare, and Lars Rudstam, Cornell University

Glimmerglass  An ecological approach to Atlantic salmon restoration in central New York. Justin A. DiRado, Christopher D. Powers, Neil H. Ringler, Margaret H. Murphy, SUNY ESF

Iroquois Room  Spatial and temporal variability in acoustic backscatter from fish and zooplankton in the Hudson River Estuary from August 2013 to October 2015. Maija Niemisto, Joseph D. Warren, Stony Brook University

10:50AM-11:10AM

Glimmerglass  Evidence of lake trout recruitment in Lake Champlain: is this the beginning? J. Ellen Marsden, Carrie Kozel, Bethany Alger, Levi Brown, University of Vermont

Iroquois Room  Evaluating closed mark-recapture model assumptions in a lacustrine brook trout population. Benjamin Marcy-Quay, Cliff Kraft, Cornell University

11:10AM-11:30AM
Ballroom  Identifying lake trout thermal and depth habitat preference with pop-up satellite tags. Curtis Karboski, Dimitry Gorsky, Zy Biesinger, USFWS
CONTRIBUTED POSTERS

Listed in alphabetical order by presenting author, coauthors omitted.

Seasonal habitat use of juvenile Atlantic salmon and steelhead in two eastern Lake Ontario tributaries. Ross Abbett, USGS Tunison

Atlantic salmon reintroductions: the Lake Champlain experience William Ardren, USFWS

The ecology of the flood pulse along a lateral gradient: effects of perturbations on nutrient concentrations, lower trophic levels, and larval esocid performance. Ericka Augustyn, SUNY ESF

What makes roads accessible, makes streams inaccessible; the effects of road-stream crossings on aquatic connectivity of eastern trout species within the Housatonic River watershed. Cole G Baldino, SUNY ESF

An assessment of phosphorus sources & sinks in the west branch of the Tioughnioga River watershed. Jordan Bodway, SUNY ESF

The restoration of lake whitefish as an integral component of the cold-water fish community in Otsego Lake, NY. Samantha Carey and Kevin Thomas, SUNY Cobleskill

Daces you can count-on and needing attention. Doug Carlson, NYSDEC

Is lake trout recruitment impacted by zebra mussels in Otsego Lake, NY? J. Benjamin Casscles, SUNY Cobleskill

Largemouth bass telemetry on the tidal Hudson River. Ryan Coulter, NYSDEC

Radio telemetry tagging with surgical implant techniques – could you be a fish surgeon? Ryan Coulter, NYSDEC

Effects of waste water treatment plant inputs on water quality and macroinvertebrate assemblages along the Chenango River, NY. Austin Demarest, SUNY ESF

The diel diet of subyearling pumpkinseed in a Lake Ontario embayment. Avriel R. Diaz, USGS

Retention of visible implant elastomer and calcein marks in juvenile lake sturgeon. D. E. Dittman, USGS Tunison

Evaluating handling and tagging effects, in-river residence time, and post-spawn migration of anadromous river herring in the Hudson River, New York. Wes Eakin, Cornell University

Thiamine deficiency in lake trout eggs from Cayuga Lake. Matt Futia, SUNY Brockport
Master of science in lake management. Luke J. Gervase, SUNY Oneonta
Effects of St. Lawrence Seaway shipping on Lepomis habitat use. Kaitlin S. Hanak, USGS Tunison
Predictive modeling of young of year Muskellunge based on habitat selection in the St. Lawrence River Watershed. Kaitlin S. Hanak, USGS Tunison
Cisco and bloater calcein retention under various preservatives. Tyler R. Knapp, USGS Great Lakes Science Center
Habitat preference for young-of-year gamefish within the St. Lawrence watershed. Gregory R. Kronisch, USGS
Enough fish food in Lake Ontario? Insights from a 2013 food web model. Alex Looi, USGS, Lake Ontario Biological Station
Restoring sauger to the Allegheny River watershed. Jeff Loukmas, NYSDEC
Use of exploitation simulation models for silver carp (Hypophthalmichthys molitrix) populations in several midwestern U.S. rivers. Seth A. Love, Southeast Missouri State University
Acoustic measurements of the distribution and abundance of Atlantic menhaden (Brevoortia tyrannus) in the Peconic River and Estuary in Long Island, NY. Brandyn M. Lucca, Stony Brook University
Efficacy and toxicity of Chloramine T disinfection of cisco fry. Gregg E. Mackey, USGS
St. Lawrence – Thousand Islands Centrarchid panfish trends. Russ McCullough, NYSDEC
A review of fecundity and egg size of cisco (Coregonus artedi) and comparison with other salmonids in the Laurentian Great Lakes. James D. McKenna, USGS Tunison
Great Lakes Aquatic Gap Analysis 2016: Son of Gap. James E. McKenna, Jr., USGS Tunison
The lazy Black River walleye. James E. McKenna, Jr., USGS Tunison
Fishery survey of the St. Regis River prior to Hogansburg Dam removal. Emma Mrowka, USGS
Utilizing skein eggs as an alternative egg source for bloater reintroduction into Lake Ontario. K. J. Nash, USGS Great Lakes Science Center
Compiling 50 years of data for Lake Ontario: collaborative data management and historical trends. Matt Pauve, Cornell
Temporal and spatial patterns of juvenile fish abundance in subtidal habitats in the freshwater tidal Hudson River at Germantown, NY. Edward Perri, SUNY Cobleskill
Assessing mercury dynamics in aquatic food webs of the Finger Lakes. Roxanne Razavi, Hobart and William Smith Colleges
Population characteristics of bowfin (Amia calva) from a Great Lakes coastal wetland, with an investigation of captive breeding and artificial diet. David Sanderson-Kilchenstein, SUNY Brockport
Walleye growth in relation to alewife abundance in Otsego Lake, New York. Nicholas J Sanges, SUNY Cobleskill
Pond culture of pugnose shiners (Notropis anogenus) is a feasible strategy for restoring extirpated populations in New York’s bays of Lake Ontario. Michael W. Soukup, SUNY Cobleskill
Donations

Thank you to the following businesses, organizations and individuals for their generosity.

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