Monday Feb. 27th

8:00am – 12:00pm	REGISTRATION (Hilton Main Floor Hall)		
9:00am – 10:15am	Plenary A (Schooner 1, 2, 3) Welcome – Steve Dwyer, Jason Vokoun, Doug Austen **Jon Hare** – Science in support of living marine resource management in the Northeast US Shelf Ecosystem		
10:15am – 10:30am	BREAK (Hilton Main Floor Lounge)		
	Concurrent Session 1A (Schooner 1, 2, 3)	**Concurrent Session 1B (Clipper 1, 2, 3)**	
10:30am	**Malvezzi** Assessment of adult Sea lamprey spawning in the Connecticut River	***Kasper et al.** Sound fisheries management: a regional stock assessment for Tautog	
10:50am	**Tomichek and Murray** Overview of the development and construction of Shortnose sturgeon passage protection at the Holyoke Dam	**McDowell et al.** The past, present and future of Walleye management in Connecticut	
11:10am	**Savoy** Sturgeon in Connecticut waters: An update	**Nelson** Bias in catch curve analysis of age-frequency data from fisheries-independent surveys	
11:35am – 12:00pm	SNEC Business Meeting and Awards (Schooner 1,2,3)		
12:00pm – 1:20pm	LUNCH/Student Mentor Lunch (off site)		
1:20pm – 5:30pm	REGISTRATION (Hilton Main Floor Hall)		
	Concurrent Session 2A (Schooner 1, 2, 3)	**Concurrent Session 2B (Clipper 1, 2, 3)**	
1:20pm	**Savoy and Benway** Connecticut River American Shad	**Staudinger et al.** It's about time: A synthesis of changing phenology in the Gulf of Maine Ecosystem	
1:40pm	**Goclowski et al.** American shad spawning and spawning habitat in the Massachusetts portion of the Connecticut River	**Tableau et al.** Understanding climate-induced changes in fish productivity to inform sustainable management	
2:00pm	**Davis and Schultz** Simulation models of the predator-prey interaction between Striped bass and Blueback herring in the Connecticut River	**Mrakovcich and Vlietstra** Fishes of the Thames River Estuary, Connecticut: Long-term trends in relation to sea surface temperature	
2:20pm	**Apell** Field methods for evaluating passage of adult American shad at the Turners Falls and Northfield Mountain projects	**Lucey et al.** An Ecopath model of the Georges Bank Ecological Production Unit	
2:40pm	**Nebiolo** Analysis methods for evaluating passage of adult American shad at the Turners Falls and Northfield Mountain projects	**Bell et al.** Rebuilding in the face of climate change	
3:00pm – 3:20pm	BREAK		
3:00pm – 5:00pm	Poster Set-up (Cutter)		
	Concurrent Session 3A (Schooner 1, 2, 3)	**Concurrent Session 3B (Clipper 1, 2, 3)**	
3:20pm	**McDermott et al.** Diadromous fish and their predators in coastal Maine: Past, present, and future	**He** Research on fish behavior and conservation engineering related to marine capture fisheries: Past, present and future	
3:40pm	**Nieland and Sheehan** Assessing the effects of dams, marine and freshwater survival, and hatchery supplementation on Atlantic salmon recovery potential in the Penobscot River, Maine	***Davis et al.** The impact of increasing the inter-ring spacing on scallop dredge efficiency	
4:00pm	**Dey et al.** Can fish eggs and larvae survive a trip through the cooling system: What have we learned since 1972?	*__Calabrese and Stokesbury__ A video trawl survey for Atlantic cod (*Gadus morhua*) in New England	
4:20pm	**Harnish et al.** Biologically-based design and evaluation of hydro-turbines	**Alexander et al.** A modified flounder sweep for flatfish bycatch reduction in the LAGC scallop fishery	
5:00-6:30pm	Poster Session (Cutter)		
6:00-9:00pm	SNEC 50 Banquet (Mystic Aquarium)		

* = student presenter

Tues. Feb 28th

7:00am - 8:20am	SNEC/NED Past-Presidents Breakfast (Cutter)		
8:00am - 11:00am	Registration (Hilton Main Floor Hall) Posters Displayed (Hilton Main Floor Hall)		
8:30am - 9:25am	Plenary B (Schooner 1, 2, 3) **Ron Essig** - Fifty years of federal fisheries legislation: Connections to the AFS Southern New England Chapter		
9:25am - 9:40am	BREAK (Hilton Main Floor Lounge)		
	Concurrent Session 4A (Schooner 1)	**Concurrent Session 4B (Clipper 1, 2, 3)**	**Concurrent Session 4C (Schooner 2, 3)**
9:40am	***Teffer et al.** Incorporating infectious disease processes into our understanding of the impacts of multiple stressors on wild Pacific salmon	**Haro** Past, present, and future of eel passage in the Northeast: A 35 year perspective	***Nathan et al.** A tale of two watersheds: exploring riverscape drivers of Brook Trout genetic structuring
10:00am	***Devine and Roy** The lake effect: Identifying optimal growth conditions for juvenile anadromous alewife	**Turner et al.** Evaluating the effect of dam removal on yellow-phase American eel abundance in a Northeast U.S. watershed	**Walsh et al.** A comparison of long-term oceanic and estuarine larval fish abundance between the Gulf of Maine and Mid-Atlantic Bight
10:20am	***Snyder et al.** Maternal effects on offspring CO_2 sensitivity in a coastal marine fish	**Gardner** Evaluation of upstream passage of American eel at the Turner Falls project	**Zemeckis et al.** Identifying the distribution of Atlantic cod spawning activity to inform fishery management in the Western Gulf of Maine
10:40am	***Ellis et al.** Using skeletal muscle tissue to determine the sex specific ratios of Atlantic bluefin tuna (*Thunnus thynnus*) in the New England Fishery	**Murphy et al.** Engineering and design features of a culvert sliplining project in Connecticut to facilitate Brook trout passage	***Winton et al.** Estimating loggerhead sea turtle densities from satellite telemetry data using geostatistical mixed models
11:00am - 12:00pm	NED Business Meeting and Awards (Schooner 2, 3)		
12:00pm - 1:20pm	LUNCH (off site)		
	Concurrent Session 5A (Schooner 1)	**Concurrent Session 5B (Clipper 1, 2, 3)**	**Concurrent Session 5C (Schooner 2, 3)**
1:20pm	***Hammer and Sulikowski** The Importance of the Saco RIver Estuary to winter flounder (*Pseudopleuronectes americanus*) life stages	***Rillahan and He** Reducing flounder bycatch in the Georges Bank Haddock fishery: Application of a modified European grid system	**Gahagan and Bailey** Impediments to restoration of American shad (*Alosa sapidissima*) in the Charles River
1:40pm	**Morson et al.** Sex ratios of Summer flounder discards in the recreational fishery	***Weissman et al.** Stress and discard mortality of *Lophius americanus* in the scallop dredge fishery	***Long et al.** Dynamic detection range and efficiency of acoustic receivers based on transmitter distance and environmental conditions
2:00pm	***Langan and Collie** Evidence of spatiotemporal skew in the observed sex ratio of Winter flounder in Narragansett Bay, Rhode Island	**Swenarton** Long-term (1984-2015) trends in catches of incidental species from an experimental lobster trap survey in eastern Long Island Sound	***Hodgdon et al.** Shortnose sturgeon in the Saco River Estuary: An assessment of critical habitat
2:20pm	**Nye et al.** Does overwintering survival determine recruitment of black sea bass on the NE US continental shelf?	***Sweezey et al.** Determining post-release mortality for Atlantic cod discarded in the Gulf of Maine Lobster fishery	**Kahn** Management of a top inshore predator: Differing goals of recreational and commercial fishers of Atlantic Striped bass and the unforeseen impacts on other fisheries
2:40pm - 3:00pm	BREAK		
3:00pm - 4:00pm	Keynote (Schooner 1, 2, 3) **Julie Claussen** - Fishing at the top of the world, saving the golden fish of the Himalayas		
4:00pm	Adjournment		

* = student presenter

Monday, February 27th

5:00-6:30pm	Poster Session (Cutter)			
1	***Liu and Cowles** Developing and validating a GPU-accelerated geolocation method for groundfish using particle filter			**17** **Gonzalez and Nardi** Shifts in demersal fish and macroinvertebrate communities detected by long-term (1976-2015) trawl monitoring in eastern Long Island Sound
2	**Bronger** International Year of Salmon, 2019: Research for the future	**7** ***Sowers et al.** The effect of calcium supplementation on the growth and survival of a freshwater mussel	**12** ***Greene et al.** Landscape correlates of hybridization between hatchery and wild Brook Trout (*Salvelinus fontinalis*)	**18** ***Grasso et al.** Testing for differences in juvenile growth rates of anadromous Alewife and Blueback Herring
3	**Davis** The rise of the catch-and-release era in Connecticut's inland fisheries	**8** ***Valenti et al.** Fishes of a temperate estuary: Temporal and subhabitat influences on species composition and abundance	**13** **Haas-Castro et al.** Do scale readers or their choice of scales introduce bias to back-calculated lengths-at-age?	**19** ***Markowitz et al.** Distribution shifts associated with changing environmental parameters in two demersal species Summer Flounder (*Paralichthys dentatus*) and Black Sea Bass (*Centropristis striata*)
4	***Izzo et al.** Feasibility of estimating Lake Sturgeon abundance using side-scan SONAR on a river delta in Lake Champlain	**9** ***Davis et al.** The Massachusetts Wildlife Climate Action Tool	**14** ***Comb et al.** Comparing three growth conditions of *Crassostrea virginica* in Southern New England to better inform restoration science	**20** ***Dangora et al.** Evaluating DIDSON as a tool to monitor juvenile river herring in coastal freshwater lakes
5	***Winters-Hilt and Evanilla** Characterization of fish diversity via EST analysis	**10** ***Bittner et al.** Dietary preferences among juvenile and adult river herring in freshwater lakes	**15** **Boucher and McBride** A reconsideration of testing within-gonad homogeneity of oocyte density as a precursor to estimating fecundity: what is the goal?	**21** ***Calandrino et al.** Spatio-temporal movement of individual gray seals (*Halichoerus grypus*) hauled-out on Duck Island, ME
6	**Pavey** New ecological genomic tools in Atlantic Canada	**11** ***Rich and Fairchild** Using otolith microchemistry to identify natal origins of Winter Flounder (*Pseudopleuronectes americanus*)	**16** **McBride** Binomial model selection for estimating fish age and size at maturity: an application with different stocks of winter flounder (*Pseudopleuronectes americanus*)	**22** ***Weston et al.** Identifying robust model selection tools for including environmental links to recruitment in North Pacific groundfish stock assessments