

North American Association of Fisheries Economists Forum 2013
Marine Resource Management under Increasing Complexities and Uncertainties
Detailed Program Agenda

Tuesday	Tuesday, May 21, 2013
4:00pm-7:00pm	Registration Open - <i>Conference Office in Grand Palm Colonnade</i>
5:00pm-7:00pm	Welcome Reception - Breck Deck
Wednesday	Wednesday, May 22, 2013
7:30am-5:30pm	Registration Open - <i>Conference Office in Grand Palm Colonnade</i>
7:30am-8:30am	Morning Refreshments - Grand Palm Colonnade
8:30am-10:00am	<p style="text-align: center;">Opening Plenary Session, Tarpon Key & Sawyer Ballroom Moderated by: Ann Shriver, Executive Director, NAAFE</p> <p style="text-align: center;"><u>Welcome</u> Sherry Larkin, Professor, Food & Resource Economics Department, University of Florida Chuck Adams, Professor, Food & Resource Economics Department, University of Florida and Marine Extension Specialist, <i>Florida Sea Grant</i></p> <p style="text-align: center;"><u>Best Student Paper (BSP) Award</u> Dan Holland, Chair of the BSP Selection Committee</p> <p style="text-align: center;"><u>Marine Resource Economics</u> Martin Smith, MRE Editor and The Dan and Bunny Gabel Associate Professor of Environmental Economics, Duke University</p> <p style="text-align: center;"><u>Presidential Address</u> Bioeconomics of Ocean Acidification Juan Carlos Seijo, Professor, School of Natural Resources, Marist University of Merida</p> <p style="text-align: center;"><u>Plenary Address</u> Measuring the Impact of Fisheries: Moving Beyond "Overfishing" to Include Economic, Social and Environmental Consequences Ray Hilborn, Professor, Aquatic & Fishery Sciences, University of Washington <i>Richard C. and Lois M. Worthington Professor of Fisheries Management</i></p>
10:00am-10:30am	AM Refreshment Break - Grand Palm Colonnade

Wednesday	Wednesday, May 22, 2013		
Wednesday	Session 1A	Session 1B	Session 1C
10:30am-12:00pm	<p align="center">Special Session I: Economics and Harvest Control Rules under the Magnuson-Stevens Reauthorization Act</p>	<p align="center">Consumer Preferences for Seafood Products</p>	<p align="center">Impacts of Tradable Rights Programs</p>
Location	Tarpon Key & Sawyer Ballroom	Banyan/Citrus	Glades/Jasmine
Moderator	David Tomberlin	Jaclyn Kropp	Diego Valderrama
	<p>SS102. David Tomberlin This session will explore the link between economics and harvest control rules in setting Allowable Catch Limits (ACLs), Accountability Measures (AMs), and Optimum Yield (OY) for U.S. Fisheries.</p> <p><u>Presentations:</u></p> <p>153. David Tomberlin Economics and the National Standard 1: Introduction and Context</p> <p>157. Lee Anderson Economics and National Standard #1: An Oxymoron No Longer?</p> <p>156. Keith Criddle Towards a Bioeconomic Harvest Control Rule for Bering Sea and Aleutian Island Groundfish</p> <p>143. Scott Crosson The Impact of Empowering Scientific and Statistical Committees (SSCs) to Constrain Catch Limits in U.S. Fisheries</p> <p>154. Dale Marsden Fisheries Harvest Policies: a Canadian Perspective</p> <p>158. Cynthia Grace-McCaskey Utilizing Fishermen's Knowledge and Perspectives in Assessing Annual Catch Limits in the Pacific Islands Region</p> <p>159. Eric Thunberg The Opportunity Cost of Precaution in Setting Allowable Catch Limits in US Fisheries</p> <p><u>Discussants:</u></p> <p>Ray Hilborn, University of Washington Doug Lipton, University of Maryland/NOAA Fisheries Rick Methot, NOAA Fisheries Steve Murawski, University of South Florida Marty Smith, Duke University</p>	<p>30. Frank Asche Pricing of Eco-labels for Salmon in UK Supermarkets</p> <p>52. Matthew Freeman Experimental Analysis of Willingness-to-Pay for Value-added Prawns</p> <p>85. Hirotsugu Uchida Long-term Health Effects, Risk Perceptions, and Consumption Patterns for Aquacultured Seafood</p> <p>113. Kwamena Quagraine Willingness-to-Pay for Striped Bass, a Saline Fish Species Grown in the US Midwest: Evidence from an Online Survey</p> <p>79. Oai Li Chen Implicit Values of Seafood Products in the United States: Hedonic Analysis of Retail Scanner Data</p>	<p>41. Martin Smith Spillovers in Regional Fisheries Management: Do Catch Shares Cause Leakage?</p> <p>86. Itziar Lazkano Capacity and Quota Compliance in ITQ Regulated Fisheries</p> <p>40. Kailin Kroetz Efficiency Costs of Non-efficiency Objectives in Tradable Permit Programs</p> <p>161. Katherine Farrow Evaluating the Economic Performance of U.S. Catch Share Programs</p>
12:00pm-1:30pm	Lunch - Banyan Breezeway/Garden Courtyard		

Wednesday	Wednesday, May 22, 2013		
Wednesday	Session 2A	Session 2B	Session 2C
1:30pm-3:00pm	Special Session II: Characteristics and Performance of Catch Share Markets in U.S. Fisheries	Noah's Ark: Accounting for Charismatic Species in Fisheries Models	Aquaculture Production & Feasibility
Location	Tarpon Key & Sawyer Ballroom	Banyan/Citrus	Glades/Jasmine
Moderator	Eric Thunberg & Dan Holland	Sunny Jardine	Atle Guttormsen
	<p>SS104. Eric Thunberg The session will summarize current catch share markets in US fisheries including what types of data are being collected and how it is or could be used to improve fishery management and provide useful information to stakeholders. The session will also identify shortcomings and ways to improve current data collection. Several brief presentations on catch share programs by region will be followed by a moderated discussion.</p> <p>Eric Thunberg Introduction and Overview</p> <p>Dan Holland Quota Markets</p> <p>Erin Steiner Pacific Coast Programs</p> <p>Steve Kasperski North Pacific Region Programs</p> <p>Juan Agar Gulf of Mexico and Southeast Region Programs</p> <p>Chad Demarest Northeast and Mid Atlantic Region Programs</p>	<p>5. Hing Ling Chan Spillover Effects of Marine Environmental Regulation for Sea Turtle Protection in the Hawaii Longline Swordfish Fishery</p> <p>19. Quinn Weninger Sea-Turtle Bycatch Management in Rights-Based Fisheries Under Stock Uncertainty</p> <p>140. David Kling Taming the Lionfish</p> <p>83. Benjamin Gilbert The Bioeconomics and Policy Implications of Conspicuous Consumption of Charismatic Species</p> <p>162. Stephanie Stefanski Economic Valuation of Marine Biodiversity in the Gulf of Mexico: Application to Proposed Boundary Expansion of the Flower Garden Banks National Marine Sanctuary</p>	<p>20. Kanae Tokunaga Commercial Scale Aquaponics: Profitability and Sustainability</p> <p>73. Diego Valderrama An Economic Model of Scallop Aquaculture Production in the Columbian Caribbean</p> <p>114. Raúl Villanueva Selecting Stocking Density in Different Climatic Seasons: A Decision Theory Approach to Intensive Aquaculture</p> <p>117. David Boulet Feasibility Study of Closed-containment Options for the British Columbia Aquaculture Industry</p> <p>141. Tom Murray Applied Research and Extension Tools Supporting Shellfish Aquaculture Development in Virginia</p>
3:00pm-3:30pm	PM Refreshment Break - Grand Palm Colonnade		

Wednesday	Wednesday, May 22, 2013		
Wednesday	Session 3A	Session 3B	Session 3C
3:30pm-5:30pm	Special Session III: Social Network Analysis in Fisheries	Recreational Anglers: Behavior, Expenditures, and Tradeoffs	Ecosystem Models that Capture Nutrients, Resource Values or Economic Impacts
Location	Tarpon Key & Sawyer Ballroom	Banyan/Citrus	Glades/Jasmine
Moderator	Sherry Larkin	Daniel Lew	Aaron Mamula
	<p>SS105. Sherry Larkin Social network analysis (SNA) is a tool that is commonly used to identify and analyze linkages between various agents. In fisheries, this tool can be used (for example) to identify the development and flow of social capital and trading in individual rights-based management regimes. This session will provide and overview of SNA, which will be followed by paper presentations and a moderated discussion of the potential relevance and future use of the tool for evaluating fisheries.</p> <p>Sherry Larkin Introduction and Overview</p> <p>144. Michele Barnes-Mauthe Do Stakeholder Attributes Influence Social Network Capital? Evidence from an Ethnically Diverse Pelagic Fishery</p> <p>127. Kari MacLauchlin Fishing Portfolios of Commercial Fishermen in the U.S. South Atlantic Region: A Two-mode Network Approach</p> <p>126. Andrew Ropicki Network Analysis of the Gulf of Mexico Commercial Red Snapper Fishery</p> <p>145. James Innes A Social Network Analysis of the Australian Coral Reef Finfish Fishery ITQ Market</p> <p>155. Dan Holland Network Analysis of the Quota Pounds Market for the West Coast ITQ</p>	<p>34. Joshua Abbott Anticipating Adaptation: A Mechanistic Approach for Linking Policy and Stock Status to Recreational Angler Behavior</p> <p>128. Edward Camp The Nature of Inherent Socioeconomic and Conservation Trade-Offs in Recreational Fisheries: Implications for Management Strategies and Understanding Stakeholders</p> <p>123. Kornelia Dabrowska Incorporating Context into the Selection of Recreational Fishing Sites: The Case of British Columbia Rainbow and Kokanee Anglers</p> <p>17. Alex Miller Marine Angler Expenditures and Economic Impacts in the Gulf of Mexico in 2011</p> <p>112. Ana Minerva Arce-Ibarra A Characterization of Recreational Fisheries from Belize: Insights for Fishery Managers</p> <p>165. Robert Arlinghaus The Importance of Fish Life-history and Heterogenous Angler Behaviour for the Socially Optimal Management of Recreational Fisheries</p>	<p>27. Sarah Ball The Effects of Improved Water Quality on an Open Access Fishery: Evidence from the Chesapeake Bay Blue Crab Fishery</p> <p>163. Pamela Woods Catch-quota Balancing Regulations in the Icelandic Multi-species Demersal Fishery: Are They Useful for Advancing Ecosystem-based Management?</p> <p>29. Martin Smith Resource Prices and Ecological Regime Shifts</p> <p>63. Niels Vestergaard Marginal Damage Cost of Nutrient Enrichment: the Case of the Baltic Sea</p> <p>119. Urs Steiner Brandt Cost-Benefit Analysis of Good Environmental Status in the Baltic Proper: A Bayesian Belief Network Approach</p> <p>92. Porter Hoagland A Framework for Estimating the Economic Impacts of Red Tide Closures on Yields of Molluscan (Bivalve) Shellfish in Coastal Maine</p> <p>81. Peder Andersen The Role of Economics in Ecosystem-based Fisheries Management</p>
6:00pm-7:30pm	<p align="center">Special Reception - Guy Harvey Outpost, Ibis Room Guest speaker Dr. Anthony Brennan, <i>The Margaret A. Ross Endowed Professor of Materials Science & Engineering, Professor & Graduate Coordinator of Biomedical Engineering, Associate Director of the Center for Macromolecular Science and Engineering, University of Florida</i> "Commercial Applications of New Materials Motivated by Marine Resources" <i>Sponsored by The Guy Harvey Ocean Foundation</i></p>		

Thursday	Thursday, May 23, 2013		
7:30am-5:30pm	Registration Open - Conference Office in Grand Palm Colonnade		
7:30am-8:30am	Morning Refreshments - Grand Palm Colonnade		
Thursday	Session 4A	Session 4B	Session 4C
8:30am-10:00am	Special Session IV(a): Perceptions of Sustainability for Seafood	Small-scale Fisheries	Spatial Modeling
Location	Tarpon Key & Sawyer Ballroom	Banyan/Citrus	Glades/Jasmine
Moderator	Chuck Adams	Keith Criddle	Madan Mohan Dey
	<p>SS106. Chuck Adams This session will address the concept of sustainability as applied to fisheries management and seafood marketing. Recent developments of alternative approaches may signal potential changes in user demand for the concept of sustainability as applied to domestic fisheries management and seafood marketing. Invited panelists will provide brief statements on the subject, which will be followed by a discussion of future economic research needs and directives.</p> <p>Chuck Adams Introduction and Overview Jay Lugar, Marine Stewardship Council (MSC) Damon Morris, Louisiana Department of Wildlife and Fisheries Cathy Roheim, University of Idaho Randy Rice, Alaska Seafood Marketing Institute (ASMI)</p>	<p>106. Sharon Hutchinson Potential for Self-rule and Willingness-to-Pay for Monitoring and Enforcement: A Small Island State Case</p> <p>67. Juan Agar Reflections on Small-scale Fishermen's Reticence to Participate in the Puerto Rican Deep-water Snapper Grouper Catch Share Program</p> <p>124. Ae-Rin Jung Not all Fishery Comanagement are Equal: Estimating the Impact of Self-imposed Rules Choice on the Performance of Coastal Small-scale Fishery</p> <p>8. Scott Crosson Multiple Methods and the Challenges of Researching Small-scale Fisheries</p>	<p>36. Joshua Abbott Running to Stand Still? Common Property Induced Inertia in the Spatial Commons</p> <p>45. Kurt Schnier Uncovering Club and Congestion Effects</p> <p>57. Jorge Holzer Inferring Stock Migration Patterns from Landings Data and Profit Maximization</p> <p>89. Christopher Cusak A Nash Equilibrium Approach for Predicting the Spatial Distribution of Fishing Effort in a Multi-fleet, Multi-area Generalized Equilibrium Model</p> <p>47. Kurt Schnier Bycatch Avoidance in the Pacific Groundfish ITQ Fishery</p>
10:00am-10:30am	AM Refreshment Break - Grand Palm Colonnade		

Thursday	Thursday, May 23, 2013		
Thursday	Session 5A	Session 5B	Session 5C
10:30am-12:00pm	<p align="center">Special Session IV(b): The Evolution and Acceptance of Seafood Traceability: An Economic Perspective</p>	<p>Climate Change</p>	<p>Fishing Effort Studies</p>
Location	Tarpon Key & Sawyer Ballroom	Banyan/Citrus	Glades/Jasmine
Moderator	Alex Miller	Stephanie Stefanski	Joshua Abbott
	<p>SS107. Alex Miller The overall goal of the session is to discuss and develop methodologies for studying the economics, or returns in fisheries, from seafood traceability. The ability to ensure the identity and source of seafood products is gaining widespread interest. This is particularly the case with regard to recent concerns regarding mislabeling of seafood. Invited panelists consisting of industry pioneers, traceability providers, and academics will provide brief statements on programs that provide evidence of the chain-of-custody from the harvest to final buyer that allow buyers at all levels of the marketplace to have a greater level of assurance that seafood has been harvested legally and is properly identified. A discussion of future research topics will follow.</p> <p>Alex Miller Introduction and Overview Gil Sylvia, Oregon State University, Pacific Fish Trax David Krebs, Ariel Seafood Inc., GoM Reef Fish Shareholders' Alliance and MyGulfWild James Anderson, The World Bank Eric Enno Tamm, ThisFish Canada Mariah Boyle, FishWise Andy Furner, Trace Register, Gulf Seafood Trace</p>	<p>101. Madan Mohan Dey Analysis of Economic Impact of Climate Change Adaptation Strategies: Methodology and its Application in Fiji and the Solomon Islands</p> <p>33. Thanh Viet Nguyen Implications of Climate Change for Fisheries in Vietnam</p> <p>42. Wisdom Akpalu Optimum Fisheries Management under Climate Change Variability: Evidence from Artisanal Marine Fishing in Ghana</p> <p>44. Thi Vinh Ha Nguyen Institutional Adaptation to Environmental Risks and Economic Vulnerability on Fisheries and Aqua Farming: Land Use and Watershed Management in the Day Estuary of Vietnam</p>	<p>121. John Ledyard Limits of Industry-financed Buyback Auctions</p> <p>164. Josh Nowlis Estimating Illegal, Unreported, and Unregulated Fishing Effort Using Economic Variables from Colombia's Caribbean Spiny Lobster Fishery</p> <p>138. Jeffrey Wielgus Pulse Fishing in Contracting Reserves as a Stock Rebuilding Option for Marine Invertebrates</p> <p>39. Yutaro Sakai Subsidies and Overfishing: A Causal Interpretation</p> <p>15. Mauricio Ramirez-Rodriguez Subsidies in the Jumbo Squid Fishery in the Gulf of California, Mexico</p>
12:00pm-1:30pm	Lunch - Banyan Breezeway/Garden Courtyard		

Thursday	Thursday, May 23, 2013		
Thursday	Session 6A	Session 6B	Session 6C
1:30pm-3:00pm	Rights-based Management: Evolution and Evaluation	Consumer and Industry Effects of Environmental Damage	Bioeconomic Multi-species Models
Location	Tarpon Key & Sawyer Ballroom	Banyan/Citrus	Glades/Jasmine
Moderator	Scott Crosson	Matthew Freeman	Lee Anderson
	<p>130. Gordon Munro Catch Share Schemes, the Theory of Dynamic Coalition Games and the Groundfish Trawl Fishery of British Columbia</p> <p>46. Kurt Schnier Cooperative Formation and Peer Effects in Fisheries</p> <p>95. Christopher Anderson The Evolution of Management: Do Individual Rights Emerge from Collective Rights Systems?</p> <p>50. Ragnar Arnason ITQ Prices: What do they Reveal?</p> <p>10. Dan Holland Making Cents Out Of Barter and Package Transfer Data from Multispecies ITQ Markets</p>	<p>25. Jaclyn Kropp Estimating the Indirect Economic Costs to U.S. Shrimp Consumers from the 2010 Deepwater Horizon Gulf Coast Oil Spill</p> <p>26. Nobuyuki Yagi Consumer Attitudes in Japan on Seafood Products after the Accident at Fukushima</p> <p>82. Benjamin Gilbert Corporate Apology and Compensation Demanded for Environmental Damage</p> <p>97. Maryam Tabarestani A Source Differentiated Mixed Demand Model for Shrimp: An Analysis of the Influence of U.S. Imports by Source on the Gulf of Mexico Dockside Price</p>	<p>21. Matthew Reimer Institutional Dependence of the Fishery Production Function</p> <p>135. Silvia Salas Bioeconomic Analysis of Multi-species, Multi-fleet Fisheries in Yucatan, Mexico</p> <p>60. David Sampson Developing a Bioeconomic, Spatial, Multi-species Fishery Simulator</p> <p>90. Dale Marsden Trade-offs Between Financial and Conservation Objectives in Fraser River Sockeye Salmon Fisheries</p>
3:00pm-3:30pm	PM Refreshment Break - Grand Palm Colonnade		

Thursday	Thursday, May 23, 2013		
Thursday	Session 7A	Session 7B	Session 7C
3:30pm-5:30pm	<p align="center">Special Session VI: Non-Market Valuation in Fisheries and Aquatic Ecosystem Research</p>	<p align="center">Seafood Market Studies</p>	<p align="center">Bioeconomic and Multi-species Models and Analyses</p>
Location	Tarpon Key & Sawyer Ballroom	Banyan/Citrus	Glades/Jasmine
Moderator	Daniel Lew	Christopher Cusak	Hirotsugu Uchida
	<p>SS100. Daniel Lew This special session will present current economic research on applying non-market valuation techniques, both stated and revealed preference methods, to fisheries and aquatic ecosystems. A moderated discussion will be held after the presentation of the following papers:</p> <p>Daniel Lew Introduction and Overview</p> <p>146. Paul Hindsley The Impacts of Sampling Strategy on Recreation Site Choice Models: Lessons from Meta-Analysis</p> <p>53. Donn Johnson Testing for Endogeneity Bias in the Snake River Reservoir Sport Fishing Demand Model</p> <p>150. John Whitehead A Comparative Analysis of the Multi-Mode Chesapeake Bay Menhaden Survey</p> <p>149. Daniel Lew Stated Preferences for Size and Bag Limits of Alaska Charter Boat Anglers</p> <p>142. Daniel Lew Temporal Stability of Stated Preference Values for Endangered Species Protection from Choice Experiments</p> <p>147. Robert Johnston Spatial Heterogeneity in Willingness to Pay for Improvements to Threatened and Endangered Marine Species: Regional Hot Spots and Relationships to Species Distribution</p>	<p>72. Madan Mohan Dey Consumer Demand for Frozen Seafood Products in the United States: An Analysis Using Market-level Retail Scanner Panel Data</p> <p>104. Michelle Savolainen Estimating Potential Effects of Seafood Safety and Mercury on the Demand for Domestic and Imported White and Light Meat Tuna</p> <p>87. Kristin Lien Seafood Consumption of Households with Children and Product Innovation</p> <p>59. Yuko Onozaka Who is Eating What and Why? A Latent Variable Approach of Seafood Consumer Segmentation</p> <p>98. Huabo Wang The Retail Demand and Quality for Seafood Products in the United States: A Bivariate Model</p> <p>100. Jack Isaacs The U.S. Gulf of Mexico Seafood Processing Sector: Economic Status and Performance</p> <p>125. Sunny Jardine Measuring Benefits from a Marketing Cooperative in the Copper River Fishery</p>	<p>38. Atle Guttormsen Timing of Harvest: A Numerical Bioeconomic Model of Multispecies Fisheries</p> <p>61. Viktoria Kahui Fishing for Orange Roughy on Seamounts: A Bioeconomic Analysis of Fisheries-habitat Interactions</p> <p>71. Pei Huang Sustainable Bioeconomic Modeling of the Chesapeake Bay Blue Crab Fishery</p> <p>58. Jason Murray Recovery "Up the Food Chain"</p> <p>18. Quinn Weninger Fishery Discards under Harvest Uncertainty and Trading Frictions</p> <p>22. Matthew Reimer Technology or Incentives? Bycatch Avoidance in the BSAI Groundfish Fishery</p>
6:30pm-10:00pm	<p align="center">Dinner Banquet - The Pavilion 6:30pm - Cocktail Reception 7:00pm - Banquet 8:00pm - Presentation by Gunnar Knapp "Results of NAAFE Membership Survey on Profession" 8:30pm - Auction by Craig Watson and Raffle by Chuck Adams and Sherry Larkin</p>		

Friday	Friday, May 24, 2013		
7:30am-11:30am	Registration Open - Conference Office in Grand Palm Colonnade		
7:30am-8:00am	Morning Refreshments - Grand Palm Colonnade		
Friday	Session 8A	Session 8B	Session 8C
8:00am-9:00am	Crew and Labor: Safety, Mobility and Payments	Regulatory Reallocations (e.g., Commercial vs. Recreational)	Special Session V: Landscape Ecology and Economics
Location	Tarpon Key & Sawyer Ballroom	Banyan/Citrus	Glades/Jasmine
Moderator	Michelle Savolainen	Vishwanie Maharaj	Aaron Mamula
	<p>80. Erin Steiner A First Look at Crew in the West Coast Trawl Rationalization Program</p> <p>137. Silvia Salas Analysis of Accidents Registers of Fishing Vessels from the Gulf of Mexico</p> <p>84. Benjamin Gilbert Perceived Occupational Immobility Among Malaysian Fishers</p>	<p>160. Marcus Hartley Modeling Impacts of a Regulatory Change on Salmon Permit Prices</p> <p>75. Jorge Holzer Revisiting Commercial-Recreational Sector Quota Allocations</p> <p>111. Gordon Gislason Recreational and Commercial Fisheries Reallocation: Challenges for Pacific Halibut in Canada</p> <p>68. Lewis Queirolo And Now, Something Completely Different: A Radical Solution to Management of Pacific Halibut Resource Apportionment in and off Alaska</p>	<p>SS103. Aaron Mamula This session is dedicated to exploring the tradeoffs involved in freshwater and estuarine ecosystem restoration and protection. Paper presentations will be followed by a moderated discussion.</p> <p>Aaron Mamula Introduction and Overview</p> <p>148. Cameron Speir Spatial Dynamic Optimization of Groundwater Use with Standards for Instream Fish Habitat</p> <p>151. Daniel Ladd Interrelated Output Supply and Input Demand for Agriculture in California's Central Valley: The Impact of Exogenous Irrigation Water Supply</p>
9:00am-9:30am	AM Refreshment Break - Grand Palm Colonnade		

Friday	Friday, May 24, 2013		
Friday	Session 9A	Session 9B	Session 9C
9:30am-11:00am	<p align="center">Special Session VII(a): Current Status, Future Prospects: Funding, Employment and Relevance of the Fisheries Economics Profession</p>	<p align="center">Impacts of Fisheries and Aquaculture</p>	<p align="center">Governance Issues</p>
Location	Tarpon Key & Sawyer Ballroom	Banyan/Citrus	Glades/Jasmine
Moderator	Cathy Roheim	Lewis Queirola	Kent Strauss
	<p>SS101. Cathy Roheim This session will explore future needs for fisheries economists by a variety of types of employers, and whether there is sufficient investment in training future fisheries economists. Following a brief introduction, two informative presentations will help initiate the discussions:</p> <p>Gunnar Knapp Analysis of Trends in the Composition, Location and Interests of NAAFE Members from the NAAFE Database</p> <p>Gil Sylvia and Janet Webster Literature Review of Trends in Published Literature including Institutions and Subject Areas over Time</p> <p>The following panelists will each provide brief remarks and comments that will serve as a basis for a concluding discussion during the closing ceremony: Susan Capalbo, Oregon State University Jim Anderson, World Bank Eric Thunberg, NOAA Fisheries Vishwanie Maharaj, World Wildlife Fund (WWF) John Connelly, National Fisheries Institute (NFI) David Kling, Recent Ph.D. Graduate, UC Davis</p>	<p>48. Atle Guttormsen The Economics of Escaped Farm Salmon</p> <p>9. Jay Abolofia Putting a Price on Lice: Quantifying the Biological and Economic Impacts of Sea Lice on Farmed Salmonids</p> <p>76. Linda Nøstbakken The Bigger, the Better? Economics of Scale and Concentration in the Norwegian Fish Farming Industry</p> <p>14. Cameron Speir An Econometric Approach to Assessing Resiliency in Coastal Fishing Communities</p> <p>56. Steve Kasperski Can Species Diversity Improve the Resiliency of Fishing Communities?</p> <p>99. Andrew Scheld Estimated Impacts of Catch Share Management on New England Multispecies Groundfish Harvester Revenues</p>	<p>88. Dale Marsden MEY in Canadian Fisheries? Policy Issues and Potential Case Studies</p> <p>110. Ralph Townsend Regulatory Rights vs. Property Rights</p> <p>78. Kanae Tokunaga Institutional Evolution in Fisheries Management: Scarcity and the Intensity of Governance</p> <p>64. Tracy Yandle Understanding Differences in Regulatory Effort Across Stocks</p> <p>96. Christopher Anderson The Fisheries Performance Indicators: Results from Global Case Studies</p> <p>122. Manoj Shivilani Incorporating Independent Peer Review in Fisheries Science: The Performance of the Center for Independent Experts (CIE), 1999-2012</p>
11:00am-11:30am	AM Refreshment Break - Grand Palm Colonnade		
Friday	Session 10A		
11:30am-12:45pm	Closing Plenary		
Location	Tarpon Key & Sawyer Ballroom		
11:30am-12:30pm	<p>Special Session VII(b): Future of the Fisheries Economics Profession Plenary Discussion Moderated by: Gil Sylvia</p>		
12:30pm-12:45pm	<p>Presentation of Best Student Presentation Award by Ralph Townsend Brief Statement by Current NAAFE President Juan Carlos Seijo Closing Statement by NAAFE President Elect Eric Thunberg Moderated by Chuck Adams</p>		
12:45pm	NAAFE Forum 2013 Concludes		