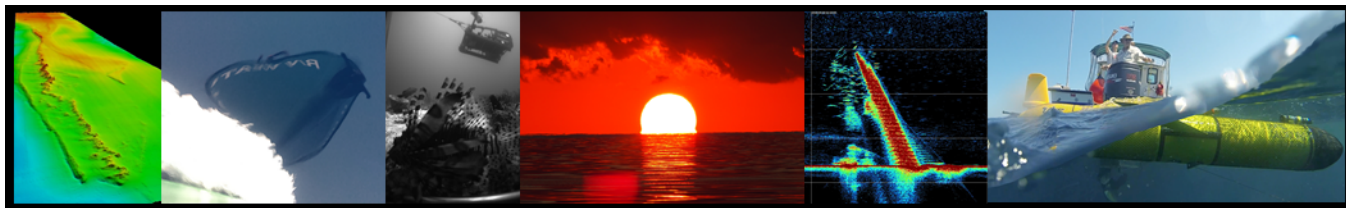# SOUTHEAST ACOUSTICS CONSORTIUM WORKSHOP AND FORUM
Florida Fish and Wildlife Research Institute, St. Petersburg, Florida, 2-3 March, 2020

Monday March 2, 2020

8:00 AM	**Arrive, Breakfast provided**		
8:30	Welcome and Introductions	Luke McEachron, Kevin Boswell and Chris Taylor	FL FWCC, FIU NOAA NCCOS
8:45	Morning Keynote	Ben Scoulding	CSIRO Marine Ecosystem Acoustics in Australia
	Morning		
9:15	Allison White	Practical and statistical sampling considerations of parallel line and star survey designs for acoustically-derived density estimates of Goliath Grouper (*Epinephalus itajara*) spawning aggregations	
9:30	Erik Ebert	Acoustic assessments before and after removal of the HIA389A gas platform in the Flower Garden Banks National Marine Sanctuary	
9:45	Ben Binder	The importance of survey design: Diel variability in Goliath Grouper (Epinephelus itajara) behavior tells two different stories	
10:00	**Poster Introductions followed by Coffee Break**		
10:45	Ali Ibraham	Development of a Windows app for grouper call classification	
11:00	Chris Taylor	Evaluation of a new cost-effective Simrad Portable Echosounder for surveying reef fish spawning aggregations	
9:45	Eric Weather	The Incorporation of hydroacoustics into reef fish video surveys in the eastern Gulf of Mexico	
11:15	Jennifer Herting	Preliminary efforts to assess the effectiveness of a stereo baited remote underwater video array through the use of paired hydroacoustic surveys	
11:30	Sarah Grasty	Reef fish densities determined by acoustics and video technologies: comparative or complimentary?	
11:45	**Lunch**		

	Afternoon		
1:15	Rene Baumstark	The Florida Coastal Mapping Program (FCMaP): coordinating high-resolution mapping of Florida's coastal waters	
1:30	Avery Paxton	Living shipwrecks: creating 3D visualizations of fish and reefs with echosounder data	
1:45	Emma Clarkson	Acoustic habitat mapping to inform ecosystem management and restoration in Texas	
2:00	Corey Ames	Classifying habitats in the Florida Keys using high-resolution LIDAR and multibeam sonars	
2:15	**Break**		
2:45	Carrie Wall	Accelerating science through cloud-based access to national archives	
3:00	Chad Lembke	Acoustic technologies on underwater gliders	
3:15	Camilo Roa	Estimates of oil flux to the ocean at MC20 using acoustical methods	
3:30	Catherine Edwards	Glider Acoustics: New Directions in Fisheries Science Using Autonomous Underwater Vehicles	
3:45	**Student Lightning Round (5-min less formal presentations) –** N. Tucker (FIU), C. Deitrick (USF), S. LaBua (FIU), A. Ilich (USF), B. Binder (FIU)		
4:10	Afternoon Keynote	Susan Lowerre-Barbieri	Comprehensive animal telemetry for fisheries management
6:00PM	**SOCIAL HOUR AT TAMIAMI, 269 CENTRAL AVENUE**		

SOUTHEAST ACOUSTICS CONSORTIUM WORKSHOP AND FORUM
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Tuesday March 3, 2020

8:30 AM	**Arrive, Breakfast Provided**	
	Technology News	
9:00	Chris Taylor and Kevin Boswell	Recap and Plan for Day
9:10	Toby Jarvis (Echoview)	What's new in Echoview
9:30	Aubree Zenone (Coda Octopus)	Coda Octopus Echoscope
9:50	Steve Pearce (ASL Environmental)	Bio-acoustic monitoring with the Acoustic Zooplankton Fish Profiler
10:10	Brock Houston (Xylem)	Enhancing Coastal Mapping and Fisheries Acoustic Tracking Efforts Using Autonomous Vehicles
10:30	Jeff Condiotty (Kongsberg)	New sensors from Kongsberg Maritime
10:15	**Coffee and Vendor Dock-side Preparation**	
12:00	**Lunch**	

DOCK-SIDE DEMONSTRATIONS	
1:30	Demonstrations on dock and shop at USF-FIO and COT (ADDRESS)
5:00	**SOCIAL HOUR AT USF STUDENT UNION – FREE FOOD AND BEVERAGES**

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