



**2015 Integrated tracking of aquatic
animals in the GOM workshop
In St. Petersburg, FL at FWRI**

2nd Annual Conference Theme

Telemetry in the 21st Century: new methods and applications to fisheries
management

Thursday October 29, 2015

8:00-8:30 Registration
Area outside KAS Auditorium
Coffee and water provided in 1st floor conference room

8:30-11:45 Invited speakers
KAS Auditorium

Moderator: Jay Rooker

8:30-8:35 Gil McRae Welcome from FWRI Director

8:35-9:10 Fred Whoriskey iTAG & OTN collaboration, accomplishments & development
Sue Lowerre-Barbieri of a research case study with red snapper
Will Patterson

9:10-9:30 Clay Porch Telemetry and fisheries management—the vision
Luiz Barbieri

9:30-9:50 Steve Cooke Telemetry and fisheries management—the reality

9:50-10:10 Break
*1st floor conference
room*

Moderator: Luiz Barbieri

- 10:10-10:30** Steve Murawski 21st century fishery independent monitoring
- 10:30-10:50** Jeff Buckel Using telemetry to estimate survivorship, a key management metric
- 10:50-11:10** Erin Leone 21st century analysis of spatial data
- 11:10-11:40** Chad Lembke Mobile platforms: integrating telemetry and oceanography data
- 11:45-12:00** Lunch pick up, sponsored by Lotek Wireless Inc
1st floor conference room
- 12:00-2:00** Break-out discussion groups over lunch
Name badges are color-coded to identify your group; Blue and orange will be in the third floor conference rooms and green in the fourth floor conference room
Discussion leaders: Will Patterson ● Sarah Burnsed ●● Clay Porch ●
Joel Bickford ●● Luiz Barbieri ● and Behzad Mahmoudi ●●
Topic: Applying 21st century telemetry applications to key scientific questions in the Gulf. What would we like to accomplish over the next five years and what will we need to put in place to make that happen?
- 2:00-2:15** Group photo
FWRI lobby
- 2:15-5:30** Telemetry projects in the Gulf of Mexico and adjacent waters
KAS Auditorium
10 minute talks, 2 minutes for questions
- Moderator: Behzad Mahmoudi**
- 2:18-2:30 **Andrea Kroetz** NMFS telemetry & sawfish
- 2:30-2:42 **Thomas Selby** Range Testing a VR2W Array
- 2:42-2:54 **Beth Bowers** Western Atlantic Blacktip Shark Migration
- 2:54-3:06 **Dani Morley** Telemetry in the Florida Keys
- 3:06-3:18 **Rod Bertelsen** Evaluating Marine Reserves with acoustic data
- 3:18-3:30 **Jennifer Rehage** Acoustic telemetry in the coastal Everglades
- 3:30-3:42 **Jerald Ault** Ocean Heat Content Reveals Secrets of Fish Migration
- 3:42-3:54 **Break**
- Moderator: Clay Porch**
- 3:54-4:06 **Jim Locascio** Acoustic Sensors on a Coastal Ocean Observatory

4:06-4:18 **Angela Collins** Discard mortality
4:18-4:30 **Joel Bickford** Red snapper off west central FL
4:30-4:42 **Ashley Ferguson** LA statewide program
4:42-4:54 **Dewayne Fox** Impact of noise on Gulf Sturgeon Movement
4:54-5:06 **Judd Curtis** TexAAN: Texas Acoustic Array Network
5:06-5:18 **Mike Dance** Connectivity of estuarine fishes

6:30-8:30 iTAG Social, sponsored by Vemco & beverages by SECOORA
 400 Beach Seafood and Tap House <http://www.400beachseafood.com/>

Friday October 30, 2015

8:30-9:00 Coffee (optional)
 1st floor conference room

9:00-12:00: iTAG's future
 KAS Auditorium

9:00-10:00 Orphan database presentation by Bob Currier
 (with extended time for questions)

10:00-11:45 Synthesis of discussion group results and five year plan

11:45-12:00 Concluding remarks



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Conference Attendees

Name	Affiliation
Alejandro Acosta	FWC-FWRI
Aaron Adams	Bonefish & Tarpon Trust
Bill Arnold	NOAA Fisheries Service
Jerald Ault	University of Miami RSMAS
Erick Ault	Florida Fish and Wildlife
Brittany Barbara	FWC-FWRI
Luiz Barbieri	FWC-FWRI
Kim Bassos-Hull	Mote Marine Laboratory
Rod Bertelsen	FWC-FWRI
Joel Bickford	FWC-FWRI
David Blewett	FWC-FWRI
Ross Boucek	Florida International University
Beth Bowers	Florida Atlantic University
Adam Brame	National Marine Fisheries Service
David Bryan	University of Miami
Jeff Buckel	North Carolina State University
Sarah Burnsed	FWC-FWRI
Angela Collins	University of Florida IFAS Extension
Steven Cooke	Carleton University and Ocean Tracking Network
Chip Cotton	FSU Coastal and Marine Lab
Eduardo Cuevas	CINVESTAV (Centro de Investigacion y de Estudios Avanzados, Mexico)
Robert Carrier	Texas A&M/GCOOS-RA
Judd Curtis	Harte Research Institute
Michael Dance	Texas A&M University
Marcus Drymon	University of South Alabama / DISL
Nicholas Farmer	NOAA Fisheries Service
Ashley Ferguson	Louisiana Department of Wildlife and Fisheries
Elizabeth Fetherston	Ocean Conservancy
Dewayne Fox	Delaware State University
David Gandy	FWC-FWRI
Jayne Gardiner	New College of Florida

Craig Gothreaux	Louisiana Department of Wildlife and Fisheries
Jennifer Green	USM Gulf Coast Research Laboratory
Robert Hueter	Mote Marine Laboratory
Donna Kehoe	Lotek Wireless Inc.
Denise King	Vemco
Barb Kirkpatrick	GCOOS
Andrea Kroetz	NMFS SE fisheries science center
Chad Lembke	USF
Erin Leone	FWC-FWRI
Bill Lindberg	University of Florida
James Locascio	Mote Marine Lab
Sue Lowerre-Barbieri	FWC-FWRI
Behzad Mamoudi	FWC-FWRI
Danielle Morley	FWC-FWRI
Hassan Moustahfid	NOAA/US IOOS
Steve Murawski	University of South Florida
Reid Nelson	University of South Alabama / DISL
Will Patterson	University of South Alabama / DISL
Clayton Pollock	National Park Service (Buck Island Reef National Monument/ Salt River Bay and Ecological Preserve)
Clay Porch	Southeast Fisheries Science Center, NMFS
Gregg Poulakis	FWC-FWRI
James Powell	Sea to Shore Alliance
Sean Powers	University of South Alabama / DISL
Melissa Price	US Geological Survey
Mike Randall	US Geological Survey, Southeast Ecological Science
Jennifer Rehage	Florida International University
Steven Rider	Alabama Div. of Wildlife and Freshwater Fisheries
Jared Ritch	FWC-FWRI
Mitchell Roffer	Roffer's Ocean Fishing Forecasting Service, Inc
Jay Rooker	Texas A&M University
Rolando Santos	Florida International University
Thomas Selby	University of Florida
Chris Simoniello	Texas A&M University/GCOOS
Mitchell Sisak	Lotek Wireless Inc
Philip Stevens	FWC-FWRI
Vembu Subramanian	SECOORA
Ted Switzer	FWC-FWRI
Alexis Trotter	FWC-FWRI
David Wells	Texas A&M University at Galveston
Fred Whoriskey	Dalhousie University
Krystan Wilkinson	Chicago Zoological Society; University of Florida
Jamie Williams	FWC-FWRI

Jason Williams

Joy Young

Harte Research Institute for Gulf of Mexico Studies, Texas A&M University-
Corpus Christi
FWC-FWRI