

## Connecting Diverse Communities and Advancing Migratory Species Conservation through Animal Telemetry Studies in the Northwest Atlantic and Caribbean Waters

### Discussion 1: US Animal Telemetry Network

Monday, August 20, 2018 – 11:00-12:00 Convention Center 420

The U.S. Animal Telemetry Network (ATN) of the U.S. Integrated Ocean Observing System (IOOS) provides a mechanism to facilitate and empower an alliance among Federal, industry, academic, state, local, tribal, and non-Federal organizations to coordinate aquatic animal telemetry infrastructure and operations, and to link to international telemetry systems (<https://ioos.noaa.gov/project/atn>). Applications include fisheries and protected/endangered species management, defining essential or critical habitats, real-time monitoring, evaluating anthropogenic disturbances, and improving ocean observation and modeling. ATN Coordinator Bill Woodward will provide an overview of the ATN, followed by a panel discussion including ATN Steering Group members Joy Young (Florida Fish & Wildlife Conservation Commission/Fish & Wildlife Research Institute), Kristen Hart (U.S. Geological Survey), and Matt Ogburn (Smithsonian Environmental Research Center).

### Discussion 2: Cooperative Telemetry in the Northwest Atlantic and Caribbean Waters

Monday, August 20, 2018 – 13:40-15:20 Convention Center 420

Migratory species establish connections among habitats and communities across broad geographic scales, frequently crossing international borders or entering into areas beyond national jurisdiction. Understanding migrations, and applying that understanding to management and conservation, is enhanced by strong collaboration, data sharing, data synthesis, and archiving of historical data sets. Joy Young and Matt Ogburn will lead a discussion of cooperative telemetry efforts and opportunities in the region including FACT, ACT, and MATOS.

### Discussion 3: Animal Telemetry at the Global Scale

Monday, August 20, 2018 – 15:40-17:20 Convention Center 420

The field of aquatic animal telemetry is rapidly expanding in the number of practitioners and the scale of research. How can we leverage this growing research community and emerging technologies to solve global challenges in fisheries, conservation, and ocean management? What are the next big research questions? Fred Whoriskey, Executive Director of the Ocean Tracking Network, will kick off a discussion of the frontiers of animal tracking in the oceans.

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**Join us at 5:30 pm Tuesday (8/21) at Wingcraft to continue the discussion...**