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## Fisheries Science

**Ocean Expert Exchange: Bahamian Fisheries Edition**

**A livestream session with Dr. Krista Sherman**

**Senior Scientist at the Perry Institute for Marine Science (PIMS)**

**Thursday, May 28<sup>th</sup>, 2020 at 3 PM EST**

**Speaker Bio:** Dr. Sherman is a marine scientist with over a decade of research and conservation experience. She is the first Bahamian female with a PhD in marine science, having completed her PhD in Biological Sciences at the University of Exeter. Her PhD work assessed the status, population structure and dynamics of Nassau grouper spawning aggregations and was critical to the development of the first Nassau Grouper Conservation Management Plan for The Bahamas. Before earning her PhD, Krista worked as a Project Coordinator & Science Officer at the Bahamas National Trust; Research Associate & Advisor at Cape Eleuthera Institute and Island School; and Aquarist at Atlantis. She has extensive marine animal husbandry and research experience, including assessing impacts of invasive lionfish on native species and ecosystems, monitoring coral reef, mangrove and seagrass habitat health, coral restoration, and Rapid Ecological Assessments for proposed Marine Protected Areas. Dr. Sherman also holds an MRes in Ocean Science from the University of Southampton and BSc in Marine Science from Jacksonville University.

### Supplemental Resources:

- Reading & Video Short - NOAA [Population Assessments: Fish Stocks](#) (K-12 resource)
- Video Short - Bahamas National Trust [Nassau Grouper PSA](#) (K-12 resource)
- Reading & Video Short - Shedd Aquarium [Studying Grouper in The Bahamas](#) (K-12 resource)
- Reading & Video Short - Shedd Aquarium [Studying Conch in The Bahamas](#) (K-12 resource)
- Reading - PIMS [Fisheries Research and Conservation Overview](#) (Secondary resource)
- Reading - Dahlgren, C., K. Sherman, J. Lang, P.R. Kramer, & K. Marks. 2016. [Bahamas Coral Reef Report Card Volume 1: 2011–2013](#). (Secondary resource)
- Reading - Sherman KD, Shultz AD, Dahlgren CP, et al. (2018) [Contemporary and emerging fisheries in The Bahamas - Conservation and management challenges, achievements and future directions](#). *Fisheries Management and Ecology* 25:319-331. (Secondary resource)
- Reading - Sherman, K. (2017) [Under the full moon: Tracking Nassau grouper with acoustic telemetry](#). National Geographic Wildlife Blog Post. (Secondary resource)
- Reading - Save Our Seas [The Grouper Family Blogs by K Sherman](#) (Secondary resource)
- Resource Library - EarthEcho [What's the Catch? Expedition](#) (K-12 resource)
- Reference - Ocean Health Index [Fisheries: Status](#) (Secondary resource)

Enjoy!

**Stephanie Killingsworth & Brian Abramowitz**

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**Amanda Waite, PhD**

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