

## **Thorny Skate Extinction Risk Workshop**

Maritime Gloucester,  
23 Harbor Loop Rd.  
Gloucester, MA  
May 19, 2016

### **Goals and objectives:**

An extinction risk analysis (ERA) can be used to help evaluate the known or perceived risk to the continued persistence of a species. At the ERA Workshop, participants will review and discuss the information on the threats to thorny skate (*Amblyraja radiata*) noted in the petition and in the literature, available data sets and models regarding status; and types of ERAs that have been used for other species. A summary of the workshop will be prepared for use by the ERA working group and NMFS.

Following the workshop, an ERA working group comprised of invited participants with expertise in thorny skates or other elasmobranchs will review data and analysis on thorny skates and select a method to use to develop an extinction risk assessment for the species. Following the discussion and results of the extinction risk assessment, the ERA working group will document their individual expert opinions and findings related to extinction risk for the species in a report. Both the workshop summary and the ERA working group's report will be independently peer reviewed and will be used to help inform the listing determination for the species.

### **Invited Expert Participant Selection Criteria:**

Invited working group participants were identified based on their working knowledge and recent experience with one or more of the following: 1) expertise in extinction risk analysis and/or population modeling; and/or 2) expertise in fisheries population dynamics, stock assessments and life history of elasmobranchs; and/or 3) advanced working knowledge of and recent experience developing and running population models with the available thorny skate data.

### **Working Group Invited Expert Participants:**

- Tobey Curtis- Greater Atlantic Regional Office
- Sonja Fordham- Shark Advocates International
- Jon Hare- Northeast Fisheries Science Center
- Fiona Hogan- New England Fisheries Management Council
- John Mandelman- New England Aquarium
- Katherine Sosebee- Northeast Fisheries Science Center

## Thorny Skate Extinction Risk Workshop

Maritime Gloucester  
23 Harbor Loop Road  
Gloucester, MA  
May 19, 2016, 9am-4pm

Webinar: <https://noaaevents.webex.com/noaaevents/onstage/g.php?MTID=e69a831a994ec9befe124bbef780a95d7>

Conference Line: 1-877.710.3752  
Participant Code: 7867681

### Agenda

- 9am Welcome, Logistics, and Introductions (T. Lake)
- 9:20am Background on the Thorny skate petition and listing process (T. Lake)
- 9:45am Overview on Status Review (TBD)
- 10:10am Break
- 10:25am Overview of available data sets/models (K. Sosebee)
- 11:10am Panel presentations
- 12pm Lunch on your own
- 1:15pm Public contributions (*time limit TBD*)
- Presentation of information related to thorny skate extinction risk not included in previous discussions
- 2:30pm Overview of ERA methods (T. Curtis/ T. Lake)
- 3:50pm Final questions and closing remarks