

IATTC Technical meeting on sharks

30 August 2010 - La Jolla, California, USA

Ballroom of the Marriott Hotel - La Jolla

4240 La Jolla Village Drive, San Diego, California 92037, USA; (858) 578-1414

AGENDA

Note to speakers: Please plan on 20 minutes for your talk, including 5 minutes for discussion. Additional discussion time will be available at the end of each session.

INTRODUCTION AND KEYNOTE TALK

- 8:30 Welcome and introduction. Guillermo Compeán, Director of the IATTC
Sharks and the IATTC: new roles under the Antigua Convention. Guillermo Compeán

SESSION 1. STOCK ASSESSMENT METHODS

- 8:50 A review of stock assessment approaches with potential applicability to sharks in the EPO - Mark Maunder (IATTC)
- 9:10 Early steps in the construction of a stock assessment for the silky shark in the EPO – Alexandre Aires-da-Silva, Mark N. Maunder and Cleridy Lennert-Cody (IATTC)
- 9:30 **DISCUSSION:** Requirements for IATTC shark stock assessments
- 9:50 **Coffee break**

SESSION 2. LIFE-HISTORY STUDIES

- 10:10 A review of the biology of silky and oceanic whitetip sharks in the Pacific Ocean. Ramón Bonfil (independent researcher)
- 10:30 Examination of population connectivity of the silky shark (*Carcharhinus falciformis*) in the Pacific Ocean. John Hyde (NMFS-SWFSC) and Carol Kimbrell. Presenter: Suzanne Kohin (NMFS-SWFSC)
- 10:50 The biological research on sharks in the Mexican Pacific and Ecuador. Felipe Galván-Magaña (Centro Interdisciplinario de Ciencias Marinas, La Paz, México)
- 11:10 Biological aspects of blue shark (*Prionace glauca*) and shortfin mako (*Isurus oxyrinchus*) in the South Pacific. Enzo Acuña (Universidad Católica del Norte, Chile)
- 11:30 **DISCUSSION:** Life-history gaps for IATTC shark stock assessments

SESSION 3. FISHERY DATA FROM NATIONAL/REGIONAL PROGRAMS

- 11:50 A review of the shark fishery statistics available from the IATTC observer program. Marlon Román-Verdesoto, Nickolas Vogel, Cleridy Lennert-Cody and Martin Hall (IATTC)
- 12:10 A review of the shark catches in the artisanal longline fishery in Ecuador. Jimmy Martínez (SRP, Ecuador)
- 12:30 **LUNCH (box lunch provided)**
- 13:00 Mexican elasmobranch fisheries statistics: an unofficial review (Oscar Sosa-Nishizaki, CICESE, Ensenada, México)

- 13:20 Relative abundance and distribution of sharks taken by longliners in the Mexican Pacific Ocean. J. Fernando Márquez-Farías (FACIMAR-UAS), Rafael Vélez-Marín (INAPESCA, México).
- 13:40 Shark research in Central-America: a multi-national effort. Manuel Pérez Moreno (OSPESCA)
- 14:00 A preliminary evaluation of the shark fisheries in Panama. Yehudi Rodríguez (ARAP-Panama)
- 14: 20 Shark management and conservation efforts in Costa Rica, in the framework of the politics of the Central American region. José Carvajal (INCOPECSA-Costa Rica)
- 14:40 **DISCUSSION:** Fishery data gaps for IATTC shark stock assessments

SESSION 4. BYCATCH MITIGATION MEASURES

- 15:00 Trend data from the Pacific Ocean
- 15:20 Purse-seine fisheries. Martin Hall (IATTC)
 - Spatial approaches to mitigation: some options.
 - Improving survival of captured sharks: opportunities and discussion of research agenda.
- 15:40 Longline fisheries
 - Magnetic interference (John Wang, NOAA-PIFSC Hawaii)
 - Role of metal leaders
 - Circle hooks: Hooking rates, selectivity and post- hooking survival
- 16:00 -16:40 **DISCUSSION:**
 - Which are the best options for mitigation available today? Purse seine and longline
 - Which are the more promising research ideas for purse seines and longlines

16:40 Coffee break

SESSION 5. DATA COLLECTION AND NEED FOR STANDARDIZATION

- 17:00 Outcomes from the III Interregional Workshop for Shark Conservation and Management in the Eastern Pacific Ocean: Capacity Building for Data Collection for Shark Fisheries in Latin America. Todd Capson (US-DOS), Craig Heberer (SWFSC-NMFS)
- 17:20 Proposals to standardize data collection in the region. Martin Hall (IATTC)
 - Shark landings data
 - Observer data from shark fishing boats (longliners)
 - Fishers logbooks
- 17:40 **DISCUSSION**
- 18:00 **ADJOURNMENT**
- 18:30 **COCKTAIL RECEPTION**