

# Workshop on Shark Stock Assessment

2nd of November 2009

(preceding the Modeling Population  
Processes workshop)

.

# Summary

- This workshop focused on using Stock Synthesis to assess shark stocks.
- With respect to the EPO, we looked at silky shark (*C. falciformis*).
- The agenda was flexible to accommodate discussion
- Webcast using GotoMeeting

# Presentations

- A brief **review of methods** used in shark (and other elasmobranch) stock assessment (Enric Cortes)
- Developing a Stock Synthesis assessment model for the silky shark, *Carcharhinus falciformis*, from the Eastern Pacific Ocean. A. Aires-da-Silva, M. Maunder and C. Lennert-Cody.
- Developing a Stock Synthesis assessment model for the kitefin shark, *Dalatias licha*, from the Azores archipelago. A. Aires-da-Silva, M. Maunder, I. Taylor and M. Pinho
- Integrating tagging data into stock synthesis: a proposal for blue shark in the Atlantic Ocean (Aires-da-Silva)
- Some specifics about **including tagging** data into stock synthesis (Ian Taylor)
- School shark stock assessment (Robin Thomson and Andre Punt)
- Developing an assessment for gummy or school shark in stock synthesis (Ian Taylor, Andre Punt, and Robin Thomson)
- Modeling **recruitment** for shark populations (Mark Maunder and Ian Taylor – manuscript)

# Suggested changes to Stock Synthesis (for shark assessments)

- More appropriate stock-recruitment curve
- Methods to estimate catch, possibly based on effort