

CURRENT AND PLANNED ACTIVITIES OF THE IATTC STAFF

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SCHEDULE FOR STOCK ASSESSMENTS AND REVIEWS

Species	Last assessed	2014	2015	2016
IAI These assessments will be carried out in collaboration with other organizations, so dates cannot yet be set.				
Yellowfin	2011 (full); 2013 (update)	Update	Full	Update
Skipjack	2004	Indicators	Indicators	Indicators
Bigeye	2010 (full); 2013 (update)	Update	Full	Update
Striped marlin	2010			Indicators
Swordfish	2011			Indicators
Sailfish	2013			Indicators
Black marlin	Never			Indicators
Silky shark	Never	Indicators/Full	Indicators	Indicators
Dorado	Never	Indicators	Indicators	Indicators
Independent review / Fall workshop		CAPAM workshop (Growth)	CAPAM workshop	Indicators review
COLLABORATIONS				
Bluefin	2012	Update		
Albacore	2011	Full		
Blue marlin ¹	2001	Full		
Blue shark	2009	Full		
Swordfish (ISC)	2009		Full	

STOCK ASSESSMENT

- Preparatory work for the stock assessments in the schedule
- CAPAM stock assessment methodology workshop series
- Post-stratification of purse-seine length composition data
- Integrating tagging data/information into stock assessment models
- Forecasting bigeye catch
- Stock status indicators and management strategy evaluation
- Dolphin indices of abundance
- Pacific-wide bigeye tuna assessment.
- Pacific-wide swordfish assessment.
- Longline CPUE and targeting.
- Reference Points. for blue, black, and striped marlin, sailfish, and swordfish.
 - FALL WORKSHOPS
- The second workshop on “Growth in fishery stock assessment models: theory, estimation, and application” will be held in La Jolla, 3-7 November 2014.

TAGGING STUDIES

- Analyses of archival tag data for bigeye tuna released in the equatorial central Pacific Ocean (ECPO) during 2008-2012
- Archival tag data for yellowfin released at several locations throughout the EPO are continuing to be collected and analyzed,
- Continue to seek funding sources for an IATTC Regional Tuna Tagging Project

LIFE HISTORY OF TUNAS

- Comparative studies of the early life history of Pacific bluefin tuna and yellowfin tuna
- Development of sustainable tuna aquaculture in the United States using yellowfin tuna
- Ocean acidification impacts on tropical tuna
- Joint IATTC-University of Miami workshop on yellowfin tuna
- age, growth, maturity, spawning frequency and fecundity of yellowfin throughout the EPO

ECOSYSTEM STUDIES

- food-web dynamics
- stable isotopes in ecology
- yellowfin tuna-dolphin trophic interactions based on stable-isotope and diet analyses
- diet studies
- ecological risk assessment

BYCATCH STUDIES

- Bycatches on FADs
- Sea turtles
- Sharks and rays
- Seabirds
- Bycatches and diversified harvesting
- Workshops for fishers
- Reducing catches of small bigeye and yellowfin tunas and sharks in the fishery on FADs
- Activities proposed for an ISSF research cruise on a purse-seine vessel in the equatorial EPO in 2014

DATA

– Ongoing activities

- Identification and implementation of improvements to the reporting workflow
- Streamlining of data processing for the fishing vessel logbooks
- Development of the new IATTC website
- Continuing refinement of the documentation library
- Continuing documentation of all internal data processing
- Porting of existing data entry and editing computer programs from VB6 to the Microsoft dot net framework

– Planned work

- A dedicated Vessel Register database and application redesign
- A front-end user interface for use with the Best Scientific Estimate (BSE) program
- Length Frequency data management database and application improvements

CAPACITY BUILDING

- **BYCATCHES**
- Training courses on bycatch estimation and mitigation;
- Design of research strategies to address bycatch issues;
- Management and economic incentives to address bycatch issues.
- **SHARK FISHERIES**
- provide appropriate assistance to developing IATTC members in:
 - SAMPLING
 - DATA REPORTING
 - BIOLOGICAL PARAMETERS
 - FISHERIES DATA STUDIES
 - WORKSHOPS ON STOCK ASSESSMENT OF SHARKS
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- **DEVELOPMENT OF LANDINGS DATABASE IN COLLABORATION WITH OSPESCA**