

JIMAR ANNUAL REPORT FOR FY 2011

P.I. NAME: Kevin Weng

NOAA OFFICE (*Of the primary technical contact*): NMFS PIFSC

NOAA SPONSOR NAME: Sam Pooley

PROJECT PROPOSAL TITLE: Pelagic Fisheries Research Program: Program Management

FUNDING AGENCY: NOAA

NOAA GOAL (*Check those that apply*):

- To protect, restore, and manage the use of coastal and ocean resources through ecosystem-based management
- To understand climate variability and change to enhance society's ability to plan and respond
- To serve society's needs for weather and water information
- To support the nation's commerce with information for safe, efficient, and environmentally sound transportation.
- Mission Support

PURPOSE OF THE PROJECT (*One paragraph*):

Manage the activities of the PFRP, solicit and implement new research proposal, and promote science-based management of fisheries for highly migratory fisheries in the western Pacific Ocean.

PROGRESS DURING FY 2011 (*One-two paragraphs*):

Include a comparison of the actual accomplishments to the objectives established for the period, along with reasons for the slippage if established objectives were not met

Request For Proposals: No RFP was issued during 2011 because the funding was reduced such that the PFRP had no funds available.

Multi-year projects: the PFRP was unable to fulfill its commitments to multi-year projects funded in prior cycles, due to inadequate funding.

International collaboration in research on pelagic fisheries. The PFRP continues to work with the SPCs Pacific Tuna Tagging Program (PTTP) to unify the analysis of data between PTTP and the Hawaii Tuna Tagging Project 2.

The PFRP continues to support the ADMB Project, an international effort to ensure that the AD Model Builder software will be maintained in the future. (This software is used in over 200 fisheries management agencies for statistical modelling and assessment of fish population around the world; see [http://admb-project.org/.](http://admb-project.org/))

PFRP program manager contributed to:

Regional Ecosystem Advisory Panel (WesPac), April 2011

Pelagics Plan Team (WesPac), April 2011

A workshop on the interactions between tunas and seabirds (MCBI), Honolulu, May 2011.

PFRP program manager gave a presentation on PFRP accomplishments to the NOAA office of Science and Technology in Silver Spring, MD, January 2011.

Visiting Scientist program: PFRP postdoctoral researcher Tim Sippel contributed to a number of stock assessment and other meetings:

Geostat 2010, Spain (geostatistical analysis using opensource software)

International Scientific Committee Billfish Working Group, Honolulu, January 2011

International Scientific Committee Billfish Working Group, Taiwan, May-June 2011

WesPac, Honolulu, September 2010

International Tuna Conference, Lake Arrowhead, May, 2011

PLANS FOR THE NEXT FISCAL YEAR (*One paragraph*):

The reduction in funding has made it impossible for the PFRP to fulfill its obligations to multi-year projects from prior years. In order to get the greatest benefit from the limited resources available, the steering committee decided to continue funding of three graduate student stipends for multiyear projects.

**LIST OF PAPERS PUBLISHED IN REFERRED JOURNALS DURING FY 2011
OTHER PAPERS, TECHNICAL REPORTS, ETC.**

PUBLICATION COUNT

**complete excel attachment (JIMAR publications request)*

None from this project

GRADUATES:

Names of students graduating with MS or PhD degrees during FY 2011; Titles of their Thesis or Dissertation

None

AWARDS:

Name of JIMAR employees or project receiving award during the period, and Name of award

None

PERSONNEL (*on Subcontracts*):

For projects that awarded subcontracts in the fiscal year, please provide the number of supported postdocs and students from each subgrantee.

None

IMAGES AND CAPTIONS:

*We will also be including images for the annual report. Please send two of your best high-resolution, color images (photo, graphic, schematic) as a **JPEG or TIFF (300 dpi)** with a caption for each image. If you do not have an electronic version of the image, a hardcopy version may be dropped off at the JIMAR office located in the Marine Sciences Building, Room 312*

- Caption 1:
- Caption 2:

ACRONYMS:

Please provide the complete descriptions for any acronyms used in any areas of the report. For example: UH (University of Hawaii)

ADMB – Automatic Differentiation Model Builder

MCBI – Marine Conservation Biology Institute

PTTP - Pacific Tuna Tagging Program

SPC - Secretariat of the Pacific Community

WesPac - Western Pacific Regional Fishery Management Council