In recent years there has been greater recognition of the value of archaeological and historical records as important sources of information on patterns of marine resource use. The pelagic species have been harvested, not just for centuries, but for millennia in the Mariana islands. How or whether that affects fish stocks today should be taken into account in managing the pelagic fisheries. Project researchers have access to and are familiar with the long-term data on fisheries in the Mariana Islands. Earlier reports produced for the Western Pacific Regional Fishery Management Council evaluated existing evidence (archaeological, ethnological and historical) for preferential fishing rights for the indigenous peoples of the Marianas. For this project, research archaeologists will produce a report on the long-term data concerning fisheries for pelagic species in both Guam and the Northern Mariana Islands. Though the report will be based mainly on archival review, researchers plan to conduct interviews and to have one or more collections of fish bones analyzed for taxa represented, body size, habitat and catch method.
MARS has produced a report on the long-term data concerning fisheries for pelagic species in Guam and the Northern Mariana Islands. The report is based mainly on archival review. In addition two collections of archaeological fish bones from Guam were analyzed by Foss Leach and Janet Davidson of New Zealand to add to the data from the Prehistoric Period. Also a Japanese-speaking researcher, Wakako Higuchi, went to Japan to obtain fishery data from the Japanese Period (1914-1944) in the Northern Marianas. Interviews were conducted with fishermen on each of the four major islands (Guam, Saipan, Tinian, and Rota). The report was completed in May 2008 and is currently available on the PFRP website:

http://www.soest.hawaii.edu/PFRP/pub_list_misc.html

The reports from Foss Leach and Janet Davidson and Wakako Higuchi are included as appendices.

PLANS FOR THE NEXT FISCAL YEAR (One paragraph): Project has been completed.

LIST OF PAPERS PUBLISHED IN REFERRED JOURNALS DURING FY 2008, in the following format: (Author or authors with last name and initials, publication year: Article title. Journal name, volume, page range.) For example: Charney, J.G., and A. Eliassen, 1964: On the growth of the hurricane depression. J. Atmos. Sci., 21, 68-75.

OTHER PAPERS, TECHNICAL REPORTS, ETC.:


GRADUATES (Names of students graduating with MS or PhD degrees during FY 2008; Titles of their Thesis or Dissertation):

AWARDS (List awards given to JIMAR employees or to the project itself during the period):

PUBLICATION COUNT (Total count of publications for the reporting period and categorized by NOAA lead author and Institute (or subgrantee) lead author and whether it was peer-reviewed or non peer-reviewed (not including presentations):

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

Employees of Micronesian Archaeological Research Services received the following hours of pay from this grant: Amesbury 680, Hunter-Anderson 280, Illustrators 60. Foss Leach, Janet Davidson, and Wakako Higuchi were paid as consultants.

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: