

## JIMAR – PFRP ANNUAL REPORT FOR FY 2007

P.I./Sponsor Name: **John Sibert (UH), Jean-Dominique Lebreton (CEFE-CNRS), Dan Goodman (MSU)**

Project Proposal Title: **Integrated modeling for Hawaiian Albatross Populations**

Funding Agency: NOAA

NOAA Goal (Check those that apply):

- To protect, restore, and manage the use of coastal and ocean resources through ecosystem-base 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

1. Purpose of the Project (one paragraph)

Analyze available information concerning Black-footed (*Phoebastria nigripes*) albatross (BFAL for the sake of brevity in what follows) with the aim of assessing the status of populations in relation with the potential impact of longline fisheries.

2. Progress during FY 2007 (One-two paragraphs, including a comparison of the actual accomplishments to the objectives established for the period, and the reasons for slippage if established objectives were not met):

Analyses were completed and written down, partly as a thesis and partly as articles and (currently) manuscripts.

3. Plans for the next fiscal year (one paragraph):

Project completed

4. List of papers published in refereed journals during FY 2007

TWO PAPERS CURRENTLY ACCEPTED

Veran, S., O.Gimenez, E.Flint, W.L. Kendall, P.F. Doherty Jr and J.D. Lebreton. Quantifying the impact of longline fisheries on adult survival in the Black-footed Albatross. *J Appl.Ecol.* in press

Véran, S. and J.D. Lebreton. The potential of integrated modelling in Conservation Biology: A preliminary case study with the Black-footed Albatross *Phoebastria nigripes*. *Can J.Stat.* in press.

5. Other papers, technical reports, meeting presentations, etc.  
 J.D. Lebreton, S.Véran, C.Niel. Integrated modeling in conservation biology: Black-Footed Albatross and longline fisheries. Population dynamics meeting, University Laval, Quebec, Cqnqdq, May,10, 2006
6. Graduates (Names of students graduating with MS or PhD degrees during FY 2007. Provide titles of their thesis or dissertation):  
 Sophie Veran. Quantifier l’impact des activités humaines sur la dynamique des populations naturelles à partir de données incomplètes : exemple de l’impact de la pêche palangrière sur les populations d’albatros à pieds noirs. Thèse de doctorat, Université Montpellier II (Ph.D.Thesis), November 2006.
7. Awards (List awards given to JIMAR employees or to the project itself during the period):
8. Publication Count (Total count of publications for the reporting period and previous periods categorized by NOAA lead author and Institute (or subgrantee) lead author and whether it was peer-reviewed or non peer-reviewed (not including presentations):

	JI Lead Author			NOAA Lead Author			Other Lead Author		
	FY05	FY06	FY07	FY05	FY06	FY07	FY05	FY06	FY07
Peer-reviewed									
Non-peer reviewed									

9. Students and Post-docs (Number of students and post-docs that were associated with NOAA funded research. Please indicate if they received any NOAA funding. For institutes that award subcontracts, please include information from your subgrantees):  
 Sophie VERAN (modeling and data analysis, partial NOAA funding), Viviane HENAUX (methods of modeling and analysis, partial NOAA funding)
10. Personnel:
- (i) Number of employees by job title and terminal degree that received more than 50% support from NOAA, including visiting scientists (this information is not required from subgrantees): none
- (ii) Number of employees/students that received 100% of their funding from an OAR laboratory and/or are located within that laboratory. none
- (iii) Number of employees/students that were hired by NOAA during the past year:  
 none