

JOINT INSTITUTE FOR MARINE AND ATMOSPHERIC RESEARCH (JIMAR)  
**PROJECT LISTING BY TASK**  
 COOPERATIVE AGREEMENT NO. NA17RJ1230

TASK NO.	FUNDING AGENCY	TITLE	P.I.(s)
TASK I	OAR	JIMAR Administration	Thomas Schroeder
TASK I	OAR	JIMAR Visiting Scientist Program	Thomas Schroeder
TASK II	NMFS	Applications of Satellite Ocean Remote Sensing to Living Marine Resources (Ocean Remote Sensing)	Thomas Schroeder Jeffrey Polovina
TASK II	NMFS	Climate Change and Ecosystem Variability in the North Pacific Ocean and the Dynamics of Marine Resource Populations	Thomas Schroeder Michael Laurs
TASK II	NMFS	Fisheries Oceanography: Hawaiian Monk Seal Program	Thomas Schroeder Jeffrey Polovina
TASK II	NMFS	Fisheries Oceanography: Methods Aimed to Reduce Sea Turtle-Longline Interactions: Behavioral Tests of Modified Bait and Fishing Gear	Thomas Schroeder Jeffrey Polovina
TASK II	NMFS	Fisheries Oceanography: Protected Species Investigations: Marine Turtle Research Program	Thomas Schroeder Jeffrey Polovina
TASK II	NMFS	Fisheries Oceanography: Swordfish Research	Thomas Schroeder Jeffrey Polovina
TASK II	NMFS	Marine Resource Dynamics and Assessment Program (MARDAP): Cooperative Research	Thomas Schroeder Jeffrey Polovina
TASK II	NMFS	Marine Resource Dynamics and Assessment Program (MARDAP): Economics of Fisheries Initiative	Thomas Schroeder Jeffrey Polovina
TASK II	NMFS	Marine Resource Dynamics and Assessment Program (MARDAP): Federal Geographic Data Consortia (FGDC) "Don't Duck Metadata" Project	Thomas Schroeder Jeffrey Polovina
TASK II	NMFS	Marine Resource Dynamics and Assessment Program (MARDAP): Lobster Research Program	Thomas Schroeder Jeffrey Polovina
TASK II	NMFS	Marine Resource Dynamics and Assessment Program (MARDAP): Pelagic Fisheries EFH Research Program	Thomas Schroeder Jeffrey Polovina
TASK II	NMFS	Marine Resource Dynamics and Assessment Program (MARDAP): Research Support	Thomas Schroeder Jeffrey Polovina
TASK II	NMFS	Marine Resource Dynamics and Assessment Program (MARDAP): Sociocultural Profile of Pacific Islands Region Fishing Ports	Thomas Schroeder Jeffrey Polovina
TASK II	NWS	National Weather Service - Pacific International Desk	Thomas Schroeder
TASK II	NWS	National Weather Service Educational Support Fund (Geology & Geophysics)	Thomas Schroeder
TASK II	NWS	National Weather Service Educational Support Fund (Meteorology)	Thomas Schroeder
TASK II	NWS	National Weather Service Educational Support Fund (Oceanography)	Thomas Schroeder
TASK II	NMFS	Operational Support for Hawaii Regional CoastWatch Node	Thomas Schroeder Jeffrey Polovina
TASK II	NMFS	Pelagic Fisheries Research Program Management	John Sibert
TASK II	PMEL	Profiling Float Delayed-Mode Salinity Calibration and Ocean Climate Research	Thomas Schroeder Gregory Johnson
TASK II	NMFS	Satellite Remote Sensing Research Program	Thomas Schroeder Jeffrey Polovina
TASK II	NMFS	Sustaining Healthy Coastal Ecosystems (JIMAR Coastal Research Program)	Thomas Schroeder Jeffrey Polovina
TASK II	NWS	Transition from Experimental Climate Prediction to Operational Climate Forecasting and Information Services for the U.S. Affiliated Pacific Islands (USAPI)	Thomas Schroeder

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TASK II	NMFS	Western Pacific Fishery Information Project (WPACFIN)	Thomas Schroeder Jeffrey Polovina
TASK III	NMFS	Causes of Rapid Declines in World Billfish Catch Rates	John Sibert Ranson Myers Peter Ward
TASK III	NMFS	Comparison of Catch Rates for Target and Incidentally Taken Fishes in Widely Separated Areas of the Pacific	John Sibert William Walsh Samuel Pooley
TASK III	NESDIS	Compilation, Digitization, and Use of Hawaii State Rainfall Records	Pao-Shin Chu
TASK III	NMFS	Coral Reef Management Initiative	Thomas Schroeder John Naughton
TASK III	OGP	Coupled Dynamic of Climate State Asymmetry and ENSO	Fei-Fei Jin
TASK III	PMEL	Deep-Ocean Assessment and Reporting of Tsunamis Report Support	Thomas Schroeder Brian Taylor
TASK III	NMFS	Describing the Vertical Habitat of Bigeye and Albacore Tunas and Post Release Survival for Marlins in the Central Pacific Longline Fisheries with Pop-Up Archival Transmitting Tags	John Sibert Jeffrey Polovina Michael Seki
TASK III	NMFS	Developing Biochemical and Physiological Predictors of Long Term Survival in Released Blue Shark and Sea Turtles	John Sibert Christopher Moyes
TASK III	NMFS	Developing Tools to Assess Sex and Maturational Stage of Bigeye Tuna ( <i>Thunnus obesus</i> ) and Swordfish ( <i>Xiphias gladius</i> )	Gordon Grau
TASK III	NMFS	Development of a Hierarchical Model to Estimate Sea Turtle Rookery Contributions to Mixed Stocks in Foraging Habitats	John Sibert Ben Bolker Karen Bjorndal Alan Bolten
TASK III	NMFS	Development of Oceanographic Atlases for Pelagic and Insular Fisheries and Resource Management of the Pacific Basin	John Sibert Russell Brainard David Foley
TASK III	FSL	Development of Real-Time Percipitable Water Capability Using the Global Positioning System	Michael Bevis
TASK III	NMFS	Distributions, Histories, and Recent Catch Trends with Six Fish Taxa Taken as Incidental Catch by the Hawai'i-Based Longline Fishery	John Sibert William Walsh Samuel Pooley
TASK III	OGP	Dynamics of Pacific Decadal Climate Variability and ENSO Modulation	Fei-Fei Jin
TASK III	NMFS	Ecological Characterization of American Samoa's Small-Scale Alia Albacore Longline Fishery	John Sibert John Kaneko Paul Bartram
TASK III	NMFS	Economic Fieldwork on Pelagic Fisheries in Hawaii	John Sibert Samuel Pooley
TASK III	OGP	Effects of the Andes on the Eastern Pacific Climate	Shang-Ping Xie
TASK III	OGP	ENSO Observing System: In-Situ Sea Level	Mark Merrifield
TASK III	OGP	Establishment of a Data Research Center for Climate Studies	Julian McCreary
TASK III	NMFS	Evaluating Biochemical and Physiological Predictors of Long Term Survival in Released Pacific Blue Marlin Tagged with Pop-Up Satellite Archival Transmitters (PSATs)	John Sibert Michael Musyl Christopher Moyes Richard Brill

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TASK III	NMFS	General Bayesian Integrated Population Dynamics Model for Protected Species	John Sibert Mark Maunder
TASK III	NMFS	Hawaii Regional Tuna Tagging Project	Kim Holland
TASK III	NMFS	Incidental Catch of Non-Target Fish Species and Sea Turtles: Comparing Hawaii's Pelagic Longline Fishery Against Others	John Sibert John Kaneko Paul Bartram
TASK III	NMFS	Incorporating Oceanographic Data in Stock Assessments of Blue Sharks and Other Species Incidentally Caught in the Hawaii-Based Longline Fishery	John Sibert Pierre Kleiber Hideki Nakano
TASK III	NMFS	Instrumented Buoys as Autonomous Observatories of Pelagic Ecosystems	Kim Holland Laurent Dagorn
TASK III	NMFS	Integrated Statistical Model for Hawaiian Albatross Populations	John Sibert Daniel Goodman Jean-Dominique Lebreton
TASK III	OGP	Interdecadal and Biennial Variability of ENSO: Impacts of Mean States and Tropical-Extratropical Interaction	Bin Wang
TASK III	NMFS	International Workshop on How to Improve Studies on the Collective Behavior of Pelagic Fishes	Kim Holland Laurent Dagorn
TASK III	NMFS	Investigating the Life History and Ecology of Opah and Monchong in the North Pacific	John Sibert Michael Seki
TASK III	OGP	JASMINE, the Joint Air-Sea Monsoon Interaction Experiment: Upper Ocean Survey	Peter Hacker Roger Lukas Eric Firing
TASK III	OGP	Methods for Assessing the Impact of Climate Variability and Climate Change on Human Health	Michael Hamnett Cheryl Anderson Johannes Loschnigg Nancy Lewis
TASK III	NMFS	Mixed-Resolution Models for Investigating Individual to Population Scale Spatial Dynamics	John Sibert Patrick Lehodey
TASK III	NMFS	Modeling Longline Effort Dynamics and Protected Species Interaction	PingSun Leung Naresh Pradhan Samuel Pooley
TASK III	NMFS	Oceanographic Characterization of American Samoa Longline Fishing Grounds for Albacore, <i>Thunnus alalunga</i>	John Sibert Michael Seki Jeffrey Polovina
TASK III	NMFS	Pelagic Fisheries Research Program - Modeling and Tag Design	John Sibert
TASK III	OGP	Penetration of Anthropogenic CO <sub>2</sub> in the Oceans Based on Analysis of Recent WOCE/JGOFS/OACES Carbon Data Using the Remineralization Ratios Obtained by the New Three-End-Member Mixing Model	Yuan-Hui Li Tsung-Hung Peng
TASK III	PMEL	Physical Oceanography Program Research Support	Thomas Schroeder Brian Taylor
TASK III	NMFS	Pop-Off Satellite Archival Tags to Chronicle the Survival and Movements of Blue Sharks Following Release from Longline Gear	John Sibert Michael Musyl Richard Brill
TASK III	NMFS	Population Biology of Pacific Oceanic Sharks	John Sibert Christofer Boggs

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TASK III	NMFS	Protected Resources: Environmental Compliance Initiative (P.R.E.C.I.)	Thomas Schroeder Margaret Akamine
TASK III	NMFS	Recreational Fisheries Meta Data - Preliminary Steps	John Sibert Paul Dalzell Samuel Pooley
TASK III	NMFS	Regulatory Impact Analysis Framework for Hawaii Pelagic Fishery Management: A Multilevel and Multiobjective Programming Model	John Sibert Sam Pooley
TASK III	OGP	Remote Forcing on the US Warm Season Rainfall and the Eastern Climate	Bin Wang
TASK III	NMFS	Role of Oceanography on Bigeye Tuna Aggregation and Vulnerability in the Hawaii Longline Fishery from Satellite, Moored and Shipboard Time Series	John Sibert Russell Brainard
TASK III	OGP	Roles of Ocean-Atmosphere-Land Interaction in Shaping Tropical Atlantic Variability	Shang-Ping Xie
TASK III	NMFS	Sociological Baseline of Hawaii's Longline Fishery	John Sibert Samuel Pooley Stewart Allen
TASK III	OGP	Study of the Decadal Ocean-Atmosphere Interaction in the Atlantic	Fei-Fei Jin
TASK III	OAR	Support of Shipboard ADCP Work During GASEX-II Project	Eric Firing
TASK III	NMFS	Survivorship, Migrations, and Diving Patterns of Sea Turtles Released from Commercial Longline Fishing Gear, Determined with Pop-Up Satellite Archival Transmitters	John Sibert Richard Brill George Antonelis George Balazs Jeffrey Polovina
TASK III	NMFS	Sustainable Fisheries Initiative	Thomas Schroeder Alvin Katekaru
TASK III	NMFS	Trophic Ecology and Structure-Associated Behavior in Bigeye and Yellowfin Tuna in Hawaiian Waters	Kim Holland
TASK III	NMFS	Trophic Structure and Tuna Movement in the Cold Tongue-Warm Pool Pelagic Ecosystem of the Equatorial Pacific	John Sibert Valerie Allain Robert Olson Felipe Galvan Magana Brian Popp
TASK III	OGP	Warm Pool Dynamics in the Interaction Between Asian Summer Monsoon and ENSO	Hanna Annamalai Ragu Murtugudde Shang-Ping Xie Julian McCreary