



NOAA Coral Reef Conservation Program

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Questions? Contact Cecilia Torres at cecilia.torres@noaa.gov

Projects funded in FY 2007



New Project ID FY 2007	Project Name	Principal Investigator	NOAA Office	Abstract	Project Location	Project Year of Inception
Coral Reef Conservation Grants						
1413-07	General Coral Reef Conservation Grants	Andy Bruckner	NMFS / Habitat Conservation - HC	The General Coral Reef Conservation Program is a matching grants program open to non-governmental organizations, institutions of higher education, for profit businesses and resource agencies in the Freely Associated States.	Florida, Flower Gardens Bank, Puerto Rico, U.S. Virgin Islands, American Samoa, Guam, Hawaii, Northwestern Hawaiian Islands, Commonwealth of the Northern Mariana Islands, Federated States of Micronesia, Marshall Islands, Palau	2004
1227-07	Coral Reef Conservation Fund	Roger Griffis	NOS / Office of Ocean and Coastal Resource Management - OCRM	The Coral Reef Conservation Fund is a joint NOAA - National Fish and Wildlife Foundation grants program to promote public-private partnerships that leverage NOAA funding with non-NOAA resources to provide solutions to specific problems in coral reef areas (and associated reef habitats). The program will continue leverage CRCP funds to support high quality coral reef conservation projects through the Fund in FY07.	All regions.	2001
1205-07	State and Territory Coral Reef Management Grant Program	Bill Millhouser	NOS / Office of Ocean and Coastal Resource Management - OCRM	This project proposes to continue grant funding to support State and Territory coral reef conservation initiatives and build capacity to manage impacts and uses of coral reef ecosystems and associated coral reef fisheries. For FY07, the management grant program will continue to provide core funding of \$2.7 million for priority projects and activities in seven U.S. States and Territories.	Florida, Puerto Rico, U.S. Virgin Islands, American Samoa, Guam, Hawaii, Commonwealth of the Northern Mariana Islands	2001
1336-07	Coral Reef Ecosystem Research Grants	Kimberly Puglise	OAR / National Undersea Research Program - NURP	The Coral Reef Ecosystem Research Grants is part of the NOAA Coral Reef Conservation Grants Program. The research grants are administered by NOAA's Undersea Research Program to fund coral reef research projects in the Caribbean, Florida, Gulf of Mexico, Hawaii, and the Western Pacific.	Florida, Flower Garden Banks, Puerto Rico, U.S. Virgin Islands, American Samoa, Guam, Hawaii, Northwestern Hawaiian Islands, Commonwealth of the Northern Mariana Islands, Federated States of Micronesia, Marshall Islands, Palau	2004
1226-07	Projects to Improve or Amend Coral Reef Fishery Management Plan	Andy Bruckner	NMFS / Habitat Conservation - HC	Projects to Improve or Amend Coral Reef Fishery Management Plan provides funding to four U.S. Fishery Management Councils with coral reef resources within their jurisdictions. These funds are used to address fisheries science and management needs	Florida, Flower Garden Banks, Puerto Rico, U.S. Virgin Islands, American Samoa, Guam, Hawaii, Northwestern Hawaiian Islands, Commonwealth of the Northern Mariana Islands	2001



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1395-07	International Coral Grants Program	Eileen Alicea	NOS / Office of Response and Restoration - ORR	The International Coral Grant Program has 4 project categories: Watershed Management in the Wider Caribbean, Brazil, and Bermuda; Regional Enhancement of MPA Management Effectiveness; National Systems of MPAs in the Wider Caribbean, Bermuda, Brazil, the South Pacific and SE Asia; Regional Socio-Economic Training and Monitoring in Coral Reef Management in the Wider Caribbean, Brazil, Bermuda, the Western Indian Ocean, the Red Sea, the South Pacific, and SE Asia.	Federated States of Micronesia, Marshall Islands, Palau, East Africa, East Asia/South East Asia, Latin American/Caribbean, Middle East/Indian Ocean, Pacific Other	2002
1106-07	National Coral Reef Ecosystem Monitoring Program (Grant)	John Christensen	NOS / National Centers for Coastal Ocean Science - NCCOS	The General Coral Reef Conservation Program is a matching grants program open to non-governmental organizations, institutions of higher education, for profit businesses and resource agencies in the Freely Associated States.	Florida, Puerto Rico, U.S. Virgin Islands, American Samoa, Guam, Hawaii, Commonwealth of the Northern Mariana Islands, Federated States of Micronesia, Marshall Islands, Palau	2001
1352-07	LAS Project Support	Dana Wusinch-Mendez	NOS / Office of Ocean and Coastal Resource Management - OCRM	This project will provide support to each of the 7 USCRTF States and Territories to be used either for LAS project implementation or to assist local agencies with evaluating current LAS initiatives and facilitate planning for future LAS efforts.	Florida, Puerto Rico, U.S. Virgin Islands, American Samoa, Hawaii, Guam, Commonwealth of the Northern Mariana Islands	2004
1995-07	Regional Outreach/Education Workshop Implementation (3-year Capacity-Building Initiative)	Alissa Barron	NOS / Office of Ocean and Coastal Resource Management - OCRM	In FY05, 2 regional capacity-building workshops on strategic outreach and education were held for NOAA regional staff and state/territory agency partners. To build on the foundation of these regional training workshops, and FY06 follow-up ("workshop implementation mini grants"), this proposal sets aside funds for continued outreach and education capacity building through in-depth and intensive follow-up training and implementation assistance specific to local needs.	Florida, Puerto Rico, U.S. Virgin Islands, American Samoa, Hawaii, Guam, Commonwealth of the Northern Mariana Islands, Northwestern Hawaiian Islands	2005
Northwestern Hawaiian Islands Coral Reef Ecosystem Reserve						
N/A	Accelerate the development of CRED data management, integration, and delivery capabilities	Rusty Brainard	NMFS / Pacific Islands Fisheries Science Center - PIFSC	Available upon request.	American Samoa, Guam, Main Hawaiian Islands, Northwestern Hawaiian Islands, U.S. Pacific Remote Island Areas (PRIAS), Commonwealth of the Northern Mariana Islands	2007
N/A	Facilitate study of methods	Rusty Brainard	NMFS / Pacific Islands Fisheries Science Center - PIFSC	Available upon request.	American Samoa, Guam, Main Hawaiian Islands, Northwestern Hawaiian Islands, U.S. Pacific Remote Island Areas (PRIAS), Commonwealth of the Northern Mariana Islands	2007



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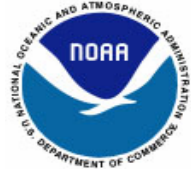
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N/A	Conduct Taxonomic Analyses - CReefs Biodiversity Survey	Rusty Brainard	NMFS / Pacific Islands Fisheries Science Center - PIFSC	Available upon request.	Northwestern Hawaiian Islands, Main Hawaiian Islands, American Samoa, Guam, Commonwealth of the Northern Mariana Islands, U.S. Pacific Remote Island Areas (PRIAS)	2007
N/A	Develop Ocean Acidification Plan	Rusty Brainard	NMFS / Pacific Islands Fisheries Science Center - PIFSC	Available upon request.	U.S. Pacific Remote Island Areas (PRIAS), American Samoa, Guam, Commonwealth of the Northern Mariana Islands, Main Hawaiian Islands, Northwestern Hawaiian Islands	2007
N/A	Test spatial patterns of reef fish recruitment	Rusty Brainard	NMFS / Pacific Islands Fisheries Science Center - PIFSC	Available upon request.	Hawaii, Northwestern Hawaiian Islands	2007
N/A	Spatial Data Analysis (Jerry Ault and Steve Smith)	Malia Chow	NOS / Office of National Marine Sanctuaries - ONMS	Available upon request.	Northwestern Hawaiian Islands	2007
N/A	Facility for coral health and disease research in the Pacific	Malia Chow	NOS / Office of National Marine Sanctuaries - ONMS	Available upon request.	Northwestern Hawaiian Islands, American Samoa, Federated States of Micronesia	2007
N/A	Mapping Priorities	Kara Meckley	NOS / Office of Ocean and Coastal Resource Management - OCRM	Available upon request.	Northwestern Hawaiian Islands	2007
Coral Reef Institutes						
2008-07	National Coral Reef Institute	David Hilmer	NOS / National Centers for Coastal Ocean Science - NCCOS	The primary goal of the National Coral Reef Institute (NCRI) is the protection and preservation of coral reefs through applied and basic research on coral reef assessment, monitoring, restoration, and biodiversity, as well as via training and education. This goal is addressed through multidisciplinary scientific research on coral reef assessment, mitigation, monitoring, and restoration as directed by Congress, as well as through applied engineering operations, and public education.	Florida, Puerto Rico, U.S. Virgin Islands, Commonwealth of the Northern Mariana Islands, Federated States of Micronesia, Palau, Latin American/Caribbean, Middle East/Indian Ocean	2003
1454-07	Caribbean Coral Reef Institute	Mike Dowgiallo	NOS / National Centers for Coastal Ocean Science - NCCOS	This project will fund research and monitoring activities in Puerto Rico and create the Caribbean Coral Reef Institute (CCRI) to carry out such activities in the future.	Puerto Rico	2004



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1150-07	Hawaii Coral Reef Initiative Research Program	Michael Dowgiallo	NOS / National Centers for Coastal Ocean Science - NCCOS	The Hawaii Coral Reef Initiative Research Program proposes to sponsor research and monitoring of state coastal reefs that examine linkages between human activity and damage to the reef ecosystem, which in turn, will provide resource managers with information on the most effective and efficient ways to prevent, and possibly reverse, the degradation of coral reef resources.	Hawaii	2002
Assess and Characterize US Coral Reefs -- Coral Reef Ecosystem Integrated Observing System (CREIOS)						
Mapping						
1258-07	Florida Shallow Water Benthic Habitat Mapping	Mark Monaco	NOS / National Centers for Coastal Ocean Science - NCCOS	Produce shallow-water (generally, to depths of approximately less than 40 m) coral ecosystem maps of priority areas in southern Florida. Use location-based priorities described in the Southern Florida Shallow-water Coral Ecosystem Mapping Implementation Plan, on a year-to-year basis, to acquire imagery for mapping. Identify and implement techniques for producing benthic habitat maps, identify mapping-related partnership activities, generate maps, validate maps, and generate final map products.	Florida	2004
1744-07	Seafloor characterization of Puerto Rico	Timothy A. Battista	NOS / National Centers for Coastal Ocean Science - NCCOS	The scientific purpose of the CCMA mission on the NANCY FOSTER is to continue exploring and characterizing nearshore and deepwater habitats (10-1500m) of Puerto Rico. CCMA plans to use the NANCY FOSTER to collect multibeam sonar and ROV video cameras to characterize the type and extent of habitats along the west and southern portion of Puerto Rico, a critical fisheries conservation area.	Puerto Rico, U.S. Virgin Islands	2005
10012-07	Multibeam mapping of Pulley Ridge, SW Florida	Andrew David	NMFS / Southeast Fisheries Science Center - SEFSC	Pulley Ridge is a mid-depth carbonate platform off southwest Florida which contains extensive hermatypic coral formations normally found at much shallower depths. The Pulley Ridge formations may be the deepest hermatypic coral reefs in the United States. To date only the extreme southern end of the ridge platform has been mapped. The goal of this project is to extend the mapping coverage northward in hope of determining the full extent of the reef formations.	Florida	2006



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1217-07	Benthic Habitat Mapping and Characterization - Northwestern and Main Hawaiian Islands	Rusty Brainard	NMFS / Pacific Islands Fisheries Science Center - PIFSC	The goal of the project is to locate, characterize, and map the benthic habitats of coral reef ecosystems in the Northwestern Hawaiian Islands (NWHI) and the Main Hawaiian Islands (MHI). It supports the mapping requirements established by the U.S. Coral Reef Task Force in the National Action Plan to Conserve Coral Reefs and will help define Essential Fish Habitat (EFH) and Habitat Areas of Particular Concern (HAPC) as mandated by the Magnuson-Stevens Fishery Conservation and Management Act.	Hawaii, Northwestern Hawaiian Islands	2001
1084-07	Benthic Habitat Mapping and Characterization - American Samoa and PRIA	Rusty Brainard	NMFS / Pacific Islands Fisheries Science Center - PIFSC	The goal of the project is to locate, characterize, and map the benthic habitats of coral reef ecosystems in American Samoa and the U.S. Pacific Remote Island Areas (PRIAs). It supports the mapping requirements established by the U.S. Coral Reef Task Force in the National Action Plan to Conserve Coral Reefs and will help define Essential Fish Habitat (EFH) and Habitat Areas of Particular Concern (HAPC) as mandated by the Magnuson-Stevens Fishery Conservation and Management Act.	American Samoa, U.S. Pacific Remote Island Areas (PRIAs)	2002
1398-07	Benthic Habitat Mapping and Characterization - CNMI and Guam	Rusty Brainard	NMFS / Pacific Islands Fisheries Science Center - PIFSC	The goal of the project is to determine, characterize, and map the benthic habitats of coral reef ecosystems in the Commonwealth of the Northern Mariana Islands (CNMI) and Guam. It supports the mapping requirements established by the U.S. Coral Reef Task Force in the National Action Plan to Conserve Coral Reefs and will help define Essential Fish Habitat (EFH) and Habitat Areas of Particular Concern (HAPC) as mandated by the Magnuson-Stevens Fishery Conservation and Management Act.	Commonwealth of the Northern Mariana Islands, Guam	2003
N/A	Reef map production for EFH Consultation	Pace Wilber	NMFS / Southeast Region - SER	Available upon request.	Florida	2007
1129-07	Main 8 Hawaiian Islands Benthic Habitat Mapping	Timothy A Battista	NOS / National Centers for Coastal Ocean Science - NCCOS	The final year of this project will focus on producing 1) final products for distribution to users, 2) conducting a workshop to transfer mapping technologies to state users, and 3) continued support of coral mapping and monitoring activities through the University of Hawaii.	Hawaii	2001



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Monitoring						
1101-07	Integrated Coral Observing Network (ICON) Project	James Hendee	OAR / Atlantic Oceanographic Meteorological Laboratory - AOML	The Integrated Coral Observing Network is designed to be a collection of in situ hourly-recording meteorological and oceanographic monitoring stations at all major US coral reef areas, and select foreign reef areas, connected through common data processing, information synthesis (via expert system suite) and computer facilities via the Web at AOML, and utilizing unique software to analyze thousands of permutations of parameters in near real-time.	Puerto Rico, U.S. Virgin Islands, Northwestern Hawaiian Islands, Latin American/Caribbean, Pacific Other	2001
N/A	ICON Think Tank	James Hendee	OAR / Atlantic Oceanographic Meteorological Laboratory - AOML	Available upon request.	Latin America/Caribbean	2007
1195-07	Coral Reef Watch - Satellite	Mark Eakin	NESDIS / Center for Satellite Applications and Research	Coral Reef Watch (CRW) operationally delivers a variety of cutting-edge coral reef near-real-time monitoring products at global spatial scales to managers, scientists, and the general public. CRW will expand and refine the use of satellite, paleoclimatic, modeling, and in situ data at targeted reef locations, domestic and worldwide, to provide timely, accurate, and reliable monitoring information on the status of coral reefs, and to provide early warnings to changing conditions.	All regions	2001
10188-07	Bleaching Tools Training Workshops: Satellite Applications and Management Strategies for a Changing Climate	Mark Eakin	NESDIS / Center for Satellite Applications and Research	This project will conduct two training workshops for US reef managers over two years in the Atlantic and Pacific regions. Workshops will focus on 1) satellite tools and data, linking measurements and forecasts of SST to coral bleaching risk, and 2) strategies from the "Manager's Guide to Coral Bleaching," helping managers respond to bleaching and adapt management plans for future bleaching. Trainees will learn when reefs may be at risk for bleaching, and have concrete ways to plan and respond.	U.S. Virgin Islands	2006
1219-07	Coral Reef Watch-Physical and Biological Monitoring of U.S. Pacific Islands	Russell Brainard	NMFS / Pacific Islands Fisheries Science Center - PIFSC	In-situ instrumentation deployed at long-term observing system sites in the Main and Northwestern Hawaiian Islands, American Samoa, Guam, the Commonwealth of the Northern Mariana Islands, and the U.S. Pacific Remote Island Areas, provide time-series datasets which are utilized by researchers, resource managers, and stakeholders for the near real-time monitoring, alerting, modeling, and reporting of physical environmental conditions which influence the condition of coral reef ecosystems.	American Samoa, Hawaii, Northwestern Hawaiian Islands, Commonwealth of the Northern Mariana Islands, Guam, U.S. Pacific Remote Island Areas (PRIAs)	2001



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1221-07	Pacific Reef Assessment and Monitoring Program (Pacific RAMP): Biennial monitoring for the U.S. Pacific Islands and Atolls	Russell Brainard	NMFS / Pacific Islands Fisheries Science Center - PIFSC	For the past 6 years, the Coral Reef Ecosystem Division has conducted biennial multidisciplinary monitoring of reef ecosystems at 55 U.S. Pacific islands, atolls, and reefs. Spatial and temporal monitoring of biological populations and oceanographic processes allow an unprecedented integrated baseline ecosystem understanding of healthy and impacted reefs. Long-term monitoring will enable reef managers to detect and act on significant natural or anthropogenic changes to these ecosystems.	American Samoa, Hawaii, Northwestern Hawaiian Islands, Commonwealth of the Northern Mariana Islands, Guam, U.S. Pacific Remote Island Areas (PRIAs)	2001
1417-07	Caribbean Coral Reef Ecosystem Monitoring	Mark Monaco	NOS / National Centers for Coastal Ocean Science - NCCOS	This coral ecosystem monitoring project represents ongoing characterization activities designed to quantify abundance and distribution of living marine resources and to evaluate habitat utilization patterns of reef fishes to provide information necessary to define and evaluate the efficacy of MPA's, EFH, etc. Benthic habitats and water quality components of the ecosystem are also monitored at each survey site. Sites are selected throughout 400 km ² of US Caribbean nearshore waters.	Puerto Rico, U.S. Virgin Islands	2004
1064-07	Assess and Monitor Coral Reef MPAs	James Bohnsack	NMFS / Southeast Fisheries Science Center - SEFSC	We continue monitoring of reef fish community and reef habitat composition, abundance and size structure for more 300 reef fish species on Florida's coral reef tract. Data are used to assess population and habitat trends, ontogenetic habitat associations; and ecosystem responses to fisheries management actions and anthropogenic impacts such as Everglades restoration. Results from this project assess MPA effectiveness and guide management decisions by multiple federal and state agencies.	Florida	2002
1922-07	Coral Reef Rapid Assessments, Monitoring, and Modeling in the Florida Keys National Marine Sanctuary	Brian Keller	NOS / Office of National Marine Sanctuaries - ONMS	This project is designed to evaluate reef community structure and factors contributing to coral reef change at multiple spatial scales. Fully protected marine zones (FPMZs), nested within the sample design, and reference sites, are sampled using rapid assessment protocols. Work proposed for FY07 includes: 1) Acropora surveys to expand 2006 work; 2) pilot surveys at FGB and GRNMS; 3) an Aquarius saturation mission for a long-term research program; and 4) data analyses, reports, and publications.	Florida	2005



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10260-07	State of US Coral Reef Ecosystems 2008	Mark Monaco	NOS / National Centers for Coastal Ocean Science - NCCOS	This project was requested to support contract labor costs to produce the State of US Coral Reef Ecosystem Report every 3 years. Funds for this project complement funding for the companion project: The National Coral Reef Ecosystem Monitoring Program. The next Report is scheduled for release at the 2008. The requested funding will support professional report layout, development, and editing. FY08 funds will be required for glossy printing of the document and a web-based version.	Florida, Flower Garden Banks, Puerto Rico, U.S. Virgin Islands, American Samoa, Hawaii, Northwestern Hawaiian Islands, Commonwealth of the Northern Mariana Islands, Guam, Marshall Islands, Palau	2008
10051-07	US Caribbean Comprehensive Coral Reef Ecosystem Assessment and Monitoring	Ron Hill	NOS / National Centers for Coastal Ocean Science - NCCOS	The project is a joint line office initiative supported by the CRCP. The goal is to document and understand resource conditions across coral reef ecosystems in the US Caribbean by additional coordination of existing or planned monitoring and assessment by federal, territorial, commonwealth, academic, and private sector partners. By documenting existing and planned activities improved and consistent monitoring may be implemented in future years, especially in critical areas not currently studied.	Puerto Rico, U.S. Virgin Islands	2006
N/A	Fund State/territory coral reef monitoring coordinator	Mark Monaco	NOS / National Centers for Coastal Ocean Science - NCCOS	Available upon request.	U.S. Virgin Islands	2007
2172-07	GCRMN/FAS Regional Coordination and Training	Shauna Slingsby	NMFS / Habitat Conservation - HC	This project supports monitoring and coordination activities in the FAS. Workshops were held in 2005 and 2006 to provide training in coral and fish taxonomy, reef sampling methods, experimental design, statistical analyses, database management, and reporting to local state and non-governmental agencies. FY07 funds will provide technical support at the local level and preparation of monitoring data. FY08 funds will cover salary and benefits for the Regional Monitoring Coordinator.	Federated States of Micronesia, Marshall Islands, Palau	2001
Data Dissemination						
1048-07	Coral Reef Information System	Don Collins	NESDIS / National Oceanographic Data Center	The NOAA Coral Reef Information System (CoRIS) provides web-based, single-point access to NOAA coral data and information. It collects metadata that describe coral data, links to online data, products and publications, and documents instruments and procedures that are vital for long-term monitoring data sets. It supports CREIOS by maintaining current functionality, integrating new web content and metadata, and expediting archiving data in NOAA National Data Centers for Regional Portal access.	All regions	2002



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1082-07	Develop and Produce Oceanographic Atlases of the U.S. Pacific Islands	Rusty Brainard	NMFS / Pacific Islands Fisheries Science Center - PIFSC	An Oceanographic Atlas of the Pacific is being developed to provide resource managers, policy makers, scientists, and other stakeholders with user-friendly access and visualization of spatial and temporal data on oceanographic and meteorological conditions influencing the health of coral reef ecosystems. The Atlas, which will be available via hard copy and an interactive Web site, will provide basin-wide datasets as well as high-resolution regional datasets for US interest areas in the Pacific.	American Samoa, Hawaii, Northwestern Hawaiian Islands, Commonwealth of the Northern Mariana Islands, Guam, U.S. Remote Pacific Islands (PRIAs), Federated States of Micronesia, Marshall Islands, Palau	2002
Reduce Impacts of Coastal Uses						
Restore Injured Habitats						
1070-07	Effectiveness of coral reattachment in recovery of reef habitat following grounding of the M/V Fortuna Reefer at Mona Island	Ron Hill	NMFS / Southeast Fisheries Science Center - SEFSC	This research is monitoring the success of the NOAA-led coral reef restoration that followed the 1997 grounding of the M/V Fortuna Reefer on Mona Island (a PR reserve) using corals and fish as indicators of habitat function and quality. It is coordinated with on-going research to monitor coral disease and its effects on reef ecology and reef fish assemblages. Integration with Caribbean Monitoring Initiative is anticipated.	Puerto Rico	2002
N/A	Coral Restoration Research	Kimberly Puglise	OAR / National Undersea Research Program - NURP	Available upon request.	Florida	2007
1066-07	Ecological Approach to Coral Reef Restoration	Margaret Miller	NMFS / Southeast Fisheries Science Center - SEFSC	This ongoing project is undertaking tool development for enhancing broadcast-spawning coral populations via larval culture/seeding and related investigations on early life history of corals which may provide additional management strategies to enhance coral recruitment success. These activities address specific priority areas of the National Marine Sanctuaries program.	Florida	2002
Reduce Impacts of Recreational Overuse						
10015-07	Fisheries and Coral Protection at CNMI Recreational Dive Sites	Alan Everson	NMFS / Pacific Islands Regional Office - PIRO	Create a self-sustaining program to install and maintain environmental protection facilities (ropes, buoys, and public awareness) at key recreational dive sites in the CNMI. Ropes help divers avoid damage to the reefs. Dive buoys avoid the need for boats to drop anchors on the reefs. Funds will be used to: inventory and assess all major dive sites on Rota, Tinian, and Saipan; install or upgrade existing equipment; develop a self-sustaining maintenance system with a public-private oversight board	Commonwealth of the Northern Mariana Islands	2006



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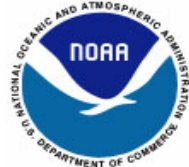
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10084-07	Hawaii Carrying Capacity Support	Meghan Gombos	NOS / Office of Ocean and Coastal Resource Management - OCRM	This project supports the development of a carrying capacity tool and/or a sustainable finacne plan to be used in Hawaii at specific sites that are heavily visited by recreational users. This project supports the priority projects of the recreational use LAS's that has been completed in Hawaii.	Hawaii	2006
10042-07	From the Beach to the Reef: More than just sand	Lisamarie Carrubba	NMFS / Southeast Region - SER	This project is a continuation of an FY05 pilot project within the facilities of the Boqueron Public Beach managed by the Puerto Rico National Parks Company. The campaign is aimed at informing the general public that the public beaches of Puerto Rico are more than just sand being associated with coral reefs, seagrass beds, lagoons, mangrove forests and other coastal wetlands. We will expand the campaign to include the most visited public beaches with the most important coral reef resources.	Puerto Rico	2006
Reduce Impacts of Coastal Development						
10069-07	Coastal Construction Best Management Practices and Cumulative Impacts in Coral Reef Fish Nursery Habitat	Jocelyn Karazsia	NMFS / Southeast Region - SER	This project will evaluate coastal construction and effects on EFH, primarily reef fish nursery habitats. In FY06 mapping historical trends in nursery habitat presence (Palm Beach County, FL) was commenced and a literature review was initiated on linkages between nursery habitats and reef fisheries productivity. FY07 will evaluate effects of dock construction on nursery habitats (FL and Puerto Rico) and consider the effects of habitat loss and overfishing on coral reef fisheries productivity.	Florida, Puerto Rico	2006
Reduce Impacts of Maritime Activities						
1408-07	Protecting Corals, Saving Ships	Kathryn Ries	NOS / Office of Coast Survey - OCS	Protect coral reef habitats from physical destruction and pollution from ships by integrating coral, marine protected areas (MPA), and other pertinent environmental features and related information into electronic navigation safety systems (e.g. Electronic Navigational Charts or ENCs) and associated maritime technologies to protect marine resources and improve safety of navigation and to provide important information for both resource managers and mariners.	Florida, Flower Garden Banks, Puerto Rico, U.S. Virgin Islands, Latin America/Caribbean	2004
N/A	Planning for Removal of Derelict Vessels and Vessel Debris in American Samoa	Doug Helton	NOS / Office of Response and Restoration - ORR	Available upon request.	American Samoa	2007



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1022-07	Abandoned Vessel Inventory Project - Continued database development	Doug Helton	NOS / Office of Response and Restoration - ORR	The Abandoned Vessel Program focuses on solutions to grounded and derelict vessels affecting coral habitats. The AVP will continue to work on the broad issues of salvage, wreck removal, and vessel abandonment. Specifically, we plan to maintain the abandoned vessel database, continue our work with NMSP on the RUST project, participate in development of a Grounded Vessel Contingency Plan for the NWHI, and participate in the Injury workshop scheduled for the 2006 USCRTF meeting.	Florida, Flower Garden Banks, Puerto Rico, U.S. Virgin Islands, American Samoa, Hawaii, Northwestern Hawaiian Islands, Commonwealth of the Northern Marian Islands, Guam, Federated States of Micronesia, Marshall Islands, Palau	2001
Reduce Adverse Impacts of Fishing						
Identify and Protect Spawning Aggregations						
1242-07	Hydroacoustic Biomass Assessment of Reef Fish Spawning Aggregations	Todd Kellison	NMFS / Southeast Fisheries Science Center - SEFSC	This ongoing project consists of a hydroacoustic biomass assessment of fishery resources and spawning aggregations in Puerto Rico and the U.S. Virgin Islands. The project will result in the identification of habitats and depths preferred by multiple economically and ecologically important species, including during spawning periods. Results from this project will aid in the adaptive management and conservation or fisheries in the Caribbean, and provide guidance for MPA establishment	Puerto Rico, U.S. Virgin Islands	2003
1052-07	Grouper distribution, habitat characteristics and spawning behavior	Todd Kellison	NMFS / Southeast Fisheries Science Center - SEFSC	This project is a multi-year study designed to assess distribution and abundance patterns of shallow-water groupers in the Florida Keys. In FY07, we will continue investigations of seasonal trends in black grouper distribution using two approaches: (1) interviews of commercial fishers and (2) analysis of multiple time-series data sets. Results will improve our knowledge of grouper ecology, and thus our ability to effectively manage this ecologically and economically important species group.	Florida	2002
1068-07	Assess/monitor effects of MPA status on reef fish populations and spawning aggregations in the Tortugas Ecological Reserves.	Michael Burton	NMFS / Southeast Fisheries Science Center - SEFSC	We will continue conducting multiple, randomly oriented visual transect surveys on stations in the Tortugas South Ecological Reserves, and on comparable stations inside and outside of the Tortugas North Ecological Reserve, in order to quantify abundance of all snapper and grouper species. Cruises will be conducted in summer months in order to locate spawning aggregations of mutton snapper, and in the winter months in order to locate grouper aggregations of black and yellowfin grouper.	Florida	2002



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Fishing Impacts on Reefs: Impacts of Overfishing and Gear on Reefs						
10292-07	Impacts on coral reef habitat productivity from fishing	Ron Hill	NMFS / Southeast Fisheries Science Center - SEFSC	During earlier CRCP studies, we reported damage to important habitats for juvenile reef fishes from fishing traps, primarily staghorn, <i>Acorpora cervicornis</i> . We will investigate natural variation and gear induced damage rates on health, vitality, and productivity of staghorn colonies.	Puerto Rico, U.S. Virgin Islands	2007
10395-07	Development of Sustainable Aquaculture Practices for the U.S. Caribbean	David O'Brien	NMFS / Aquaculture Program	The primary goal of this workshop is to develop environmental guidelines and standards for aquaculture practices in the U.S. Caribbean region through a series of workshops. Management plans to address potential impacts to coral reef ecosystems do not currently exist for aquaculture operations in this region. A secondary goal of this project is to develop a plan that will incorporate local fishers into the aquaculture industry supporting the socio-economic benefits of aquaculture practices.	Puerto Rico, U.S. Virgin Islands	2007
1976-07	Analysis of possible overfishing and fishing impacts on reefs of the US Pacific Islands	Rusty Brainard	NMFS / Pacific Islands Fisheries Science Center - PIFSC	Data provided by the CRED Pacific RAMP project will help quantify possible local overfishing and fishing impacts on coral reef ecosystems of the US Pacific Islands. Analyses will evaluate ecosystem indicators (e.g., size spectra and trophic metrics) and consider secondary data on fishing catch and effort (where available) as well as environmental variables that may confound interpretation of anthropogenic ecosystem impacts. Results will provide the basis for required management alternatives.	American Samoa, Hawaii, Northwestern Hawaiian Islands, Commonwealth of the Northern Mariana Islands, Guam, Pacific Other	2005
1873-07	Recovery of conch populations in the U.S. Virgin Islands	Jennifer Doerr	NMFS / Southeast Fisheries Science Center - SEFSC	Conch stocks have been overfished and show little sign of recovery. Our goal is to assess conch population status and provide information for improved management decisions in the USVI. We will continue mark and recapture studies, assess habitat selection and availability, track queen conch movements in select embayments, and investigate migration dynamics to spawning locations.	U.S. Virgin Islands	2005
Fishing Impacts on Reefs: Socioeconomic Studies						
1668-07	Socio-economic profiles of fishing communities in Culebra and Vieques and US Caribbean Fishermen Workshops	Juan Agar	NMFS / Southeast Fisheries Science Center - SEFSC	The proposed study seeks to advance the socio-economic understanding of the harvesting sector by developing detailed profiles of the hook and line and net fisheries in the U.S. Virgin Islands. Building on this work, we propose to develop a 'social science' ecosystem management module. The objective of this module is to provide a socio-economic framework for ecosystem management plans for the region.	Florida, U.S. Virgin Islands, Puerto Rico	2005



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1341-07	A Spatially Explicit Datawarehouse for Socioeconomic Analysis of Recreational Fishing	David Carter	NMFS / Southeast Fisheries Science Center - SEFSC	The work completed in FY06 provides geodatabase access to a wider audience, but additional work is necessary to use the geodatabase with external data. This year we propose to incorporate the geodatabase into a spatially-explicit datawarehouse that will enable users to examine the recreational fishing data in conjunction with other information systems based upon their geospatial relationships. The datawarehouse will be constructed and incorporated into the SEFSC data management infrastructure.	Florida	2004
Fishing Impacts on Reefs: Management Implementation						
1432-07	Hawaii Fisheries Management Local Action Strategy Support	Alan Everson	NMFS / Pacific Islands Regional Office - PIRO	To provide support for the implementation of the Hawaii fishery management local action strategy	Hawaii	2004
10010-07	Marine Conservation Program for Indigenous Fishermen of the CNMI	Alan Everson	NMFS / Pacific Islands Regional Office - PIRO	There is a need to increase indigenous fishermen's participation in marine resource management activities including monitoring, enforcement and conservation of marine resources. There is also a need to encourage communications between the fishermen and scientists, between the fishermen and enforcement officers, and between fishermen and resource managers. This proposed program will build fishermen's support for and participation in fisheries research and management activities.	Commonwealth of the Northern Mariana Islands	2006
10039-07	Revision of USVI Marine Regulations for Protection of the Coral Reef Ecosystem	Lisamarie Carrubba	NMFS / Southeast Region - SER	In the USVI, there is a need to limit or reduce fishing effort and improve conservation of fisheries habitat by updating existing 20 plus year old regulations. As a follow-up to FY05 project #1770 to update commercial fishing regulations in the USVI, this project will enable the creation of recreational fishing regulations, which do not currently exist for the USVI and the review and revision of regulations aimed at protecting fisheries habitat.	U.S. Virgin Islands	2006
Fishing Impacts on Reefs: Fisheries Enforcement and Outreach						
10141-07	Community Outreach programs and activities sponsored by NOAA Office for Law Enforcement	Martina Sagapolu	NMFS / Office for Law Enforcement - OLE	NOAA Office for Law Enforcement (OLE) is responsible for monitoring and enforcing existing laws and regulations pertaining to recreational and commercial fishing throughout the Pacific, which represents a significant threat to the coral reef. In order to utilize OLE expertise in promoting resource protection, funds are being requested to support enforcement related outreach activities and programs in the territory to raise public awareness of the threats our coral reefs are facing today	American Samoa	2006



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10126-07	Community Participatory, Learning, and Action Training Workshop to Enhance, Build, and Promote Environmental Stewardship	Alan Everson	NMFS / Pacific Islands Regional Office - PIRO	This project will be a continuation of the PLA training workshop that was conducted for village leaders and resource agencies in April 2005. It will provide similar training at two village or community sites as a pilot study to address marine resource issues with related topics. This project will produce a Community Action Plan by the community that will outline the activities the community would like to implement as a result of the participatory, learning, and action (PLA) workshop.	American Samoa	2006
10030-07	Hawaii fisheries extension agent	Alan Everson	NMFS / Pacific Islands Regional Office - PIRO	The fisheries extension agent is a collaborative project submitted by NMFS (PIRO) and NOS (OCRM) staff in Hawaii. This project is meant to be under both the fisheries and MPA categories. This project will assist with both Fisheries and MPA related work and NOAA staff in the region have been working closely to develop this project with state and local NGOs.	Hawaii	2006
10025-07	Enhance Enforcement of Guam's Marine Preserves	Alan Everson	NMFS / Pacific Islands Regional Office - PIRO	This project will help enhance the enforcement capability of Guam's marine preserves by increasing the infrastructure of Guam's enforcement capabilities and supporting their volunteer enforcement officer program	Guam	2006
10037-07	Educational Materials for Enforcement Officers in USVI	Lisamarie Carrubba	NMFS / Southeast Region - SER	This project will provide enforcement officers in the USVI with identification guides and other tools for performing their duties related to the protection of coral reef resources, in particular fishery species. NMFS is working closely with the officers to determine existing materials to obtain and create new materials. Materials include references for officers and outreach items.	U.S. Virgin Islands	2006
10275-07	Education and outreach for grouper conservation in PR and USVI	Lisamarie Carrubba	NMFS / Southeast Region - SER	This project aims to fill a void in grouper conservation education and outreach in Puerto Rico and the USVI. The project will focus on two prohibited fishery species (goliath grouper, Nassau grouper) and a seasonally protected species (red hind). In spite of current regulations, all three species are still caught by fishermen and sold in the fish markets. Thus, the target audience will be the general public, commercial fishermen, tourists, hotels, restaurants and fish markets.	Puerto Rico, U.S. Virgin Islands	2007



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10044-07	Regulations Biology for Law Enforcement Officers in Puerto Rico	Lisamarie Carrubba	NMFS / Southeast Region - SER	The objective of this project is to promote the conservation of managed species and the coral reef ecosystem by educating law enforcement personnel regarding the biology and importance of managed species and why regulations for their protection exist. The project would also enable the various law enforcement personnel to get to know one another and, hopefully, improve collaboration between agencies.	Puerto Rico	2006
Understand Connectivity, Habitat Utilization, and Essential Fish Habitats						
1317-07	Acoustic seabed classification and quantification of reef fish habitat	Todd Kellison	NMFS / Southeast Fisheries Science Center - SEFSC	This project addresses essential reef habitat for groupers and other coral reef fish species in the Florida Keys using acoustic mapping technology. This project will result in the assessment of an acoustic mapping tool to assess and classify coral reef habitat, and comparison of the utility of that tool with other acoustic mapping techniques. Habitat data will be utilized in conjunction with diver-assessed reef fish data (predominantly grouper) to assess fish-habitat correlations.	Florida	2004
1223-07	Larval Transport from coral reef reserves	Rusty Brainard	NMFS / Pacific Islands Fisheries Science Center - PIFSC	This project will utilize a combination of 1) trace elemental analyses of larval fishes, 2) benthic settlement plates, and 3) upper ocean circulation measurements and numerical modeling to examine recruitment dynamics of larval fishes, corals, algae and other invertebrates with the overall goal of improving the ability of resource managers and policy makers to designate new Marine Protected Areas (MPAs) and evaluate the effectiveness no-take MPAs.	American Samoa, Hawaii, Northwestern Hawaiian Islands	2001
1244-07	Monitoring Coral Reef Fish Use of MPAs and Recruitment Connectivity Between the Florida Keys and Meso American Reefs	John Lamkin	NMFS / Southeast Fisheries Science Center - SEFSC	The primary aim of this study is to test the mechanisms of distribution of larvae and the possible connection between the Mesoamerican and the South Florida reef ecosystems and its importance in recruitment and maintenance of healthy stocks in S. Florida. Work includes shipboard larval surveys, inshore monitoring of settlement, otolith chemistry, satellite-tracked drifters, and larval transport models.	Florida, Latin America/Caribbean	2003



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1067-07	Monitoring Coral Reef Fish Utilization of Marine Protected Areas and Inshore Habitats in Florida Bay.	John Lamkin	NMFS / Southeast Fisheries Science Center - SEFSC	Little is known of snapper nursery areas and migration corridors between nursery and reef. Using trace element analysis of otoliths of snapper from the South Florida Ecosystem we characterized a chemical profile for each of five regions that may contribute recruits to the adult population on Florida's reefs. Ultimately we will describe habitat requirements, larval sources, key nursery areas, migratory corridors and seasonality of migrations. All critical to management of marine reserves areas.	Florida	2002
10401-07	Reef fish recruitment dynamics: integration and analysis of long-term visual fish surveys to examine environmental influences	Elizabeth Brooks	NMFS / Southeast Fisheries Science Center - SEFSC	This project will address reef fish recruitment, ontogenetic habitat shifts and essential fish habitat by bringing together two relatively long-term visual fish monitoring efforts: one that has quantified fishes on the Florida Keys reef tract and a second that quantifies fishes in adjacent mangrove habitats. Integration of these datasets will allow analysis of the potential for juvenile habitat quantity, quality and watershed use to influence recruitment dynamics.	Florida	2007
10299-07	Coral Reef Fish-Habitat Modeling to Support Ecosystem-based Management	Todd Kellison	NMFS / Southeast Fisheries Science Center - SEFSC	Improved understanding of the relationships between habitat characteristics and reef fish community structure is a critical step in facilitating the transition to Ecosystem Based Management (EBM), including determination of optimal sizes, numbers, and locations of MPAs. We will develop habitat models relating reef fish community structure to habitat characteristics to provide results that will be directly relevant to EBM efforts in the Florida Keys and Dry Tortugas coral reef ecosystem.	Florida	2007
1685-07	Developing site fidelity & essential habitat assessment tools for juvenile snappers	Bill Richards	NMFS / Southeast Fisheries Science Center - SEFSC	Micro-acoustic telemetry is used to study juvenile reef-associated snapper habitats. In 2005, successful surgery trial results suggest micro-tagging may be applied in the field to directly reveal habitat-use patterns of juvenile snappers (>95% survivorship; 40 fish <150 mm FL). In 2006, we are mapping adjacent habitat patches at Cotton Key to determine optimal array configuration. In 2007, we'll install an array to include shallow mangrove, seagrass and sandy bottom habitats; and tag 20+ fish.	Florida	2005



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1654-07	Reef fish use of coral and mangrove habitats at night and/or under turbid conditions: Application of dual-frequency sonar	Joseph Serafy	NMFS / Southeast Fisheries Science Center - SEFSC	This ongoing project applies a newly-developed, dual-frequency sonar system to the problem of quantifying fish abundance in under conditions which preclude standard visual survey techniques. In the first year, the system was calibrated under high visibility conditions in coral and mangrove habitats. In the second year we will employ the system at night and under turbid conditions within the same or similar habitat types.	Florida	2006
8. Reduce Impacts of Pollution & Coral Disease						
Reduce Marine-Based Sources of Pollution						
1224-07	Marine Debris Survey and Removal from the Northwestern Hawaiian Islands (NWHI): Maintenance Mode	Seema Balwani	NMFS / Pacific Islands Fisheries Science Center - PIFSC	Marine debris remains one of the most pervasive and chronic threats to the nearly pristine coral reef ecosystems of the Northwestern Hawaiian Islands. This project follows the successes of a 5 year, large-scale, multi-agency NWHI marine debris removal effort that has removed over 542 tons of marine debris and determined annual debris accumulation rates. In FY06 and beyond, the marine debris team in maintenance mode is attempting to keep up with new recruitment of marine debris	Northwestern Hawaiian Islands	2001
Reduce Land-Based Sources of Pollution						
1906-07	State and Territory Capacity Building and Planning Assistance for the Management of Land Based Sources of Pollution	Jennifer Kozlowski	NOS / Office of Ocean and Coastal Resource Management - OCRM	This project will address the impacts of land-based pollution on coral reefs by providing customized training, capacity building, and guidance in employing smart watershed protection practices to help jurisdictions acquire necessary technical knowledge and to establish a programmatic framework for addressing and controlling LBSP. Funds for FY07 will build on previous work in USVI, PR, Guam, CNMI and HI and will expand similar assistance in American Samoa.	Florida, Puerto Rico, U.S. Virgin Islands, American Samoa, Hawaii, Commonwealth of the Northern Mariana Islands, Guam	2005
N/A	NOAA-USDA partnership to assess impacts of agricultural practices on coral reefs in Jobos Bay watershed, Puerto Rico	Mark Monaco	NOS / National Centers for Coastal Ocean Science - NCCOS	Available upon request.	Puerto Rico	2007



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1415-07	Management tools for Land Based Sources of Pollution	Steve Rohmann	NOS / Special Projects - SP	Develop GIS-based tools that use satellite imagery and other data to support the characterization, assessment, and management of land-based sources of pollution on shallow-water coral reef ecosystems. Provide these tools to local coastal zone managers and resource managers to improve conservation and management of terrestrial and shallow-water marine resources. Use these tools to support the assessment of essential fish habitats and impacts of land based sources of pollution.	Puerto Rico, U.S. Virgin Islands	2004
Reduce Impacts of Coral Disease						
1938-07	CDHC: Developing Diagnostic Criteria for the Study and Investigation of Biotic and Abiotic Coral Disease Agents	Cheryl Woodley	NOS / National Centers for Coastal Ocean Science - NCCOS	This project focuses on building a cohesive network of scientific and resource management expertise to 1) develop standard practices in the field of coral disease research and management, 2) assess research strategies for determining abiotic and biotic etiologies to identify control measures, and 3) assist managers and LAS groups in recognizing coral health issues derived from either infectious disease and/or anthropogenic sources with their associated risks.	All regions	2005
1939-07	Coral Disease and Health Consortium: Diagnostic Tool Development	Cheryl Woodley	NOS / National Centers for Coastal Ocean Science - NCCOS	Availability of diagnostic indicators, new diagnostic assays and gene sequence information is critically needed to allow faster diagnosis of disease etiologies and a better understanding of genetic mechanisms governing resistance and susceptibility to disease. This project will continue building host and microbe DNA sequence databases to support development of reagents, i.e., antibodies, DNA probes and begin new diagnostic assay validation and proteomic investigations.	All regions	2005
1937-07	Coral Disease and Health Consortium: Establishment of Coral Laboratory Model Species for Research	Cheryl Woodley	NOS / National Centers for Coastal Ocean Science - NCCOS	Identify and develop model coral species (analogous to "laboratory rats") that are well characterized, suitable for laboratory culture, and establish a culture facility able to supply model species for scientific research.	All regions	2005
1384-07	Rapid Response Team	Cheryl Woodley	NOS / National Centers for Coastal Ocean Science - NCCOS	Responding to identified management needs, the Coral Disease and Health Consortium (CDHC) will establish regional response teams in the Caribbean, Pacific and Indo-Pacific to investigate coral disease outbreaks and mortality events. The teams will have an onsite coordinator, be provided collection kits and receive classroom and field training in standard operating procedures for field investigations. Support is projected for up to two investigations per year.	American Samoa, Hawaii, Northwestern Hawaiian Islands, Commonwealth of the Northern Mariana Islands, Guam	2004



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1725-07	Prevalence and impact of coral disease in remote locations	Andy Bruckner	NMFS / Habitat Conservation - HC	This project will compare the prevalence, incidence and impact of coral diseases on reefs in the western Atlantic, comparing sites affected by human development (e.g., off mainland Puerto Rico) with more remote reefs including uninhabited islands (Mona Island and Desecheo Island), deeper reefs (Flower Gardens NMS), and dry islands with low population (Bonaire and Curacao).	Florida, Flower Garden Banks, Puerto Rico, U.S. Virgin Islands, Latin America/Caribbean	2005
1987-07	International Registry of Coral Pathology: Repository	Shawn McLaughlin	NOS / National Centers for Coastal Ocean Science - NCCOS	The International Registry of Coral Pathology (IRCP) was established to facilitate development of diagnostic criteria, identification of disease etiologies, and standardization of terminology and descriptive pathology in support of the Coral Disease and Health Consortium (CDHC). IRCP is soliciting and cataloguing specimens of healthy and diseased corals to provide dynamic resources including a reference microslide collection, atlases of coral histology, and a web-accessible database.	Florida, Flower Garden Banks, Puerto Rico, U.S. Virgin Islands, American Samoa, Hawaii, Northwestern Hawaiian Islands, Commonwealth of the Northern Mariana Islands, Guam, Marshall Islands, Pacific Other	2005
1841-07	Incidence and characterization of coral diseases in the U.S. Pacific Islands	Rusty Brainard	NMFS / Pacific Islands Fisheries Science Center - PIFSC	Coral disease has received little attention on U.S. Pacific reefs. Coral disease needs to be investigated on broad-scales across the Pacific so as to document baseline levels, compare regions, and decipher mechanisms of dispersion. Baseline studies will allow managers to monitor the health of U.S. Pacific reefs by comparing disease types and levels through time. Field surveys and lab examination of collected specimens will be conducted throughout the U.S.-affiliated Pacific Islands in FY06-08.	American Samoa, Hawaii, Northwestern Hawaiian Islands, Commonwealth of the Northern Mariana Islands, Guam, U.S. Pacific Remote Island Areas (PRIAs)	2005
Improve Use and Effectiveness of MPAs						
Build and Support Systems and Networks of MPAs						
1693-07	South Atlantic MPAs: Pre-closure evaluation of habitat and fish assemblages in five proposed no fishing zones	Andrew David	NMFS / Southeast Fisheries Science Center - SEFSC	The South Atlantic Fishery Management Council (SAFMC) intends to close several areas along the outer continental shelf for protection of seven reef fish species in late FY-06. A robust study of habitat and fish assemblages within and adjacent to these MPAs will provide an efficacy test of this management tool. Survey initiation prior to the closures will obviate criticisms of MPA studies comparing populations inside and outside closed areas rather than single locations pre- and post-closure.	Florida	2005



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1428-07	Pacific Islands Marine Protected Area Community	Bill Millhouser	NOS / Office of Ocean and Coastal Resource Management - OCRM	This proposal is to support implementation of the Pacific Islands Marine Protected Area Community (PIMPAC). Based on the first meeting, over 45 Pacific regional MPA managers and practitioners agreed that there is a strong need for continuing efforts to share lessons learned, build partnerships, identify cross cutting issues and look at ways to collectively address those issues. PIMPAC is now in year one and has developed a one year work plan that is currently being implemented.	American Samoa, Hawaii, Northwestern Hawaiian Islands, Commonwealth of the Northern Mariana Islands, Guam, Federated States of Micronesia, Marshall Islands, Palau	2004
1794-07	Support for MPA Management Planning in Puerto Rico	Dana Wusinich-Mendez	NOS / Office of Ocean and Coastal Resource Management - OCRM	This 3 year project supports development of community-based management plans for 3 marine Natural Reserves in Puerto Rico. This 06-08 initiative will address DNER's lack of resources to develop community-based MPs and the need to carry them through the approval and initial implementation processes.	Puerto Rico	2005
10094-07	American Samoa Marine Protected Area Support	Meghan Gombos	NOS / Office of Ocean and Coastal Resource Management - OCRM	The goal of this project is to build the capacity of Marine Protected Area (MPA) staff at the American Samoa Department of Marine and Wildlife Resources (DMWR) and other American Samoa (AS) agency staff to improve MPA management effectiveness. The objectives are to provide training for MPA staff in American Samoa based on capacity strengths and needs.	American Samoa	2006
10053-07	Coral Jurisdiction MPAs Data Verification and Digital Boundary Generation	Joel Murray	NOS / Special Projects - SP	In order to assess the current level of protection of U.S. coral reefs within MPAs, FY06 project work has focused on verifying the accuracy of existing coral jurisdiction data in the Marine Managed Areas Inventory. The second phase of this project proposes to verify the accuracy of any existing data in the Freely Associated States (FAS). The project will also support the generation of digital boundaries where possible. The project began in 2006 with a scheduled completion date in December 2007.	Florida, Puerto Rico, U.S. Virgin Islands, American Samoa, Hawaii, Northwestern Hawaiian Islands, Commonwealth of the Northern Mariana Islands, Guam, Federated States of Micronesia, Marshall Islands, Palau	2006



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Improve MPA Management Effectiveness						
10202-07	Survey of coral and fish assemblages at Pulley Ridge, SW Florida	Andrew David	NMFS / Southeast Fisheries Science Center - SEFSC	The deepest hermatypic coral reef in the continental U.S is located on Pulley Ridge off the southwest coast of Florida. Large areas with up to 60% scleractinian coral coverage have been located between the 60 and 70m isobaths. The ridge itself is a drowned barrier island approximately 100km long by 5km wide northwest of the Dry Tortugas and running parallel to the Florida peninsula. This ROV survey will assess coral and fish assemblages and gather qualitative and quantitative data on habitat.	Florida	2007
10027-07	Guam Resource Conservation and Marine Preserve Outreach	Alan Everson	NMFS / Pacific Islands Regional Office - PIRO	Guam Resource Conservation and Marine Preserve Outreach. This project will create outreach materials for the Guam DAWR on resource conservation and marine preserves.	Guam	2006
	Socioeconomic Monitoring in Marine Protected Areas of the U.S. Caribbean: Training and Implementation	Christy Loper	NOS / Special Projects - SP	The goal of this project is to increase the capacity of marine protected area (MPA) managers in the U.S. Caribbean (Puerto Rico and U.S. Virgin Islands) to monitor the socioeconomic conditions and impacts associated with protected area management through a targeted training program and monitoring initiative.	Puerto Rico, U.S. Virgin Islands	2006
10041-07	Avoidance and Minimization of Ecosystem Impacts to Coral Reef Marine Protected Areas (MPAs): A Guide for Coastal Developers	Lisamarie Carrubba	NMFS / Southeast Region - SER	This project addresses issues related to coastal development in the area of MPAs. The goal of the project is, through interagency collaboration, to develop a guide for developers regarding the location and importance of MPAs in the U.S. Caribbean, avoidance and minimization measures to be considered during the project planning process, and general information regarding the permitting process. The objective is to promote the wise use of coastal resources.	Puerto Rico, U.S. Virgin Islands	2006
N/A	Partner with USGS to fund high priority research grants on "Restoring Ecological Integrity and Resilience in Coral Ecosystems: Role of Marine Reserves in Florida and the USVI"	Roger Griffis	NOS / Office of Ocean and Coastal Resource Management - OCRM	Available upon request.	Florida, U.S. Virgin Islands	2007



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10296-07	Supplementary support for Publication of the Proceedings of the First International Symposium on Mangroves as Fish Habitat	Joseph Serafy	NMFS / Southeast Fisheries Science Center - SEFSC	The First International Symposium on Mangroves as Fish Habitat attracted 37 manuscript submissions for its Proceedings to be published in the Bulletin of Marine Science. Funds are requested: (1) for editorial assistance; and (2) to defray costs for authors from developing countries who have expressed concerns about covering their page charges (\$70 per page). We submit this as a "new" FY07 project, partly because our FY06 budget was funded at 25% of the requested level.	All regions	2007
10021-07	Integrating Satellite and In Situ Data for Florida Keys National Marine Sanctuary Decision Support	James Hendee	OAR / Atlantic Oceanographic Meteorological Laboratory - AOML	A prototype artificial intelligence application has been developed at AOML which integrates satellite data provided by an academic partner with data from a monitoring station in the Florida Keys for the purpose of modeling the influence of the physical environment on coral reef dynamics. The satellite data are not available through NESDIS and are valuable tools for MPA support. Funds are requested to improve the prototype.	Florida	2006
10312-07	Enforcement Approaches in the Caribbean as Part of Global Study	Beth Lumsden	NMFS / Habitat Conservation - HC	Regardless of how much outreach and stakeholder participation is built into a MPA, compliance and enforcement will always be top management issues. As a result, MPA managers around the world are in constant need of effective enforcement technologies and community-based approaches for their sites. A comprehensive review of available and newly emerging approaches is not available resulting in managers using what is known in their area and easily accessible instead of what is most effective.	Pacific Other	2007
10032-07	FKNMS: 10-year Replication of Recreation-Tourism Study	Bob Leeworthy	NOS / Special Projects - SP	This project is part of the Socioeconomic Research & Monitoring Program for the Florida Keys National Marine Sanctuary. A baseline study on recreation-tourism was conducted in 1995-96. The proposed effort is an approximately 10-year replication of the baseline study and will take approximately two years to complete. We are requesting funding in fiscal years 2007 and 2008.	Florida	2006



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10023-07	CNMI Remote Reef Management Innovation and Support Program	Alan Everson	NMFS / Pacific Islands Regional Office - PIRO	This project involves creating a peer-to-peer learning network to improve ability of agencies and communities to better manage remote reefs in the Pacific. Such a learning network would provide partnering and support opportunities for cross-site learning, the piloting of new technology, documenting lessons and technical applications, and developing a forum for enhancement of remote reef management throughout the region.	Commonwealth of the Northern Mariana Islands	2006
Conduct Science in Support of MPA Design and Adaptive Management						
10347-07	Coral Reef Benthic Community Response to Management in Fully Protected Marine Zones of the Florida Keys	Brian Keller	NOS / Office of National Marine Sanctuaries - ONMS	We will conduct the 9th and 10th years of a long-term study of the dynamics of coral populations in Fully Protected Marine Zones compared to reference sites to assess the efficacy of zoning in restoring declining coral populations in the FKNMS. Changes in benthic community structure will be determined to provide context for changes in coral recruitment, growth and survival. We will conduct direct assessments of key parameters affecting coral growth (algal biomass, sediment loads and turbidity).	Florida	2007
10233-07	USVI Distribution and Larval Supply Study	Trika Gerard	NMFS / Southeast Fisheries Science Center - SEFSC	Proposed herein is a collaborative fisheries-oceanography study of the USVI, its reef fishes and bank systems. The project combines the complementary and unique expertise of NMFS/SEFSC (fisheries biology), OAR/AOML (oceanography), and the local knowledge of the University of the Virgin Islands. The information generated is essential to the integrated ecosystem assessment of the region required to move towards a scientifically-based ecosystem approach to fisheries management in the USVI.	U.S. Virgin Islands	2007
1053-07	Modeling effectiveness of marine reserves - predicting benefits to coral reef ecosystems	Ron Hill	NMFS / Southeast Fisheries Science Center - SEFSC	Trophic models are useful in addressing ecosystem-based fishery management issues. This project is developing trophic models of reef ecosystems to examine effects of overfishing and understand impacts of coral reef marine reserves in Puerto Rico. A generalized Caribbean reef model has been completed to date. In FY07 we will complete a detailed model for simulation exercises, and complete model development for the reserve at the Turromote Reef Platform.	Puerto Rico, U.S. Virgin Islands	2002
N/A	Defray some of the costs incurred by the SEFSC to do monitoring work on the Madison-Swanson Steamboat Lumps	Andrew David	NMFS / Southeast Fisheries Science Center - SEFSC	Available upon request.	Florida	2007



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10349-07	Economic Incentives for Caribbean Marine Protected Areas	Christy Loper	NOS / Office of Ocean and Coastal Resource Management - OCRM	This study would evaluate economic incentive programs in Caribbean marine protected areas, including alternative livelihood, fisheries buy-out and/or quid pro quo programs, by examining a minimum of 6 case studies in the Caribbean to determine in what ways they worked or not and to assess the factors affecting design and implementation.	Florida, Puerto Rico, U.S. Virgin Islands, Latin America/Caribbean	2007
10367-07	Expanding fish nursery habitat information necessary for effectively siting No-take Marine Protected Areas in the MHI	Edward DeMartini	NMFS / Pacific Islands Fisheries Science Center - PIFSC	Relationships among recruits, habitat, and associated species will be characterized for reef fishes of the Hawaiian Archipelago. Data will be collected to encompass variation in year-class strength over a broad geographic scale spanning habitats in the NWHI and MHI. The relative importance of structural complexity of corals and "biological refuging" provided by associations among recruits of the same and other species will be evaluated for siting additional no-take MPAs needed in the MHI.	Hawaii, Northwestern Hawaiian Islands	2007
10007-07	Performance Evaluation of Marine Zoning in the Florida Keys National Marine Sanctuary	Brian Keller	NOS / Office of National Marine Sanctuaries - ONMS	In 2006, we surveyed spiny lobsters in MPAs and tracked sonic-tagged lobsters and snapper/grouper across the Western Sambo Ecological Reserve (WES) boundary in a multi-tiered effort to evaluate FKNMS zoning. This year, we will build our database to include seasonal movement patterns and habitat use of lobsters and fish in different life phases, and we will resurvey lobsters during the tenth fishing season since implementation of the coral reef MPAs.	Florida	2006
2068-07	Improving the Effectiveness of Coral MPAs through the Analysis and Synthesis of Coral Thermal Stress and Decline	Kenneth Casey	NESDIS / National Oceanographic Data Center	Increasing ocean temperatures related to climate change have resulted in more coral bleaching and are believed to exacerbate coral diseases. Pathfinder sea surface temperatures (SST) from the last 21 years will be used to examine changes in frequency, extent, and severity of thermal stress events. This information will be coupled with in situ surveys to improve marine protected area (MPA) effectiveness by developing scientific understandings of how thermal stresses are related to coral decline.	Florida	2006



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Reduce Threats to International Coral Reefs						
General International						
1040-07	Global Socioeconomic Monitoring Initiative Coordination- 2007	Christy Loper	NOS / Special Projects - SP	The Global Socioeconomic Monitoring Initiative (SocMon), which is now part of NOAA's Coral Reef Conservation Program, is a world-wide program to increase coral reef managers' capacity to understand and incorporate socioeconomics into management programs. The project conducts global-level coordination activities, including development of a global database, facilitation of regional programs, website development, and development of the socioeconomic component for GCRMN Status of the Reefs reports.	East Africa, East Asia/South East Asia, Latin American/Caribbean, Middle East/Indian Ocean, Pacific Other	2002
10189-07	Status of Caribbean Coral Reefs following Bleaching and Hurricanes: 2005	Scot Frew	NOS / International Programs - IPO	GCRMN is preparing a status report on coral reefs in the wider Caribbean following the bleaching and hurricane impacts of 2005. Community and volunteer monitoring data will be incorporated from Reef Check and other networks. This proposal supports production of the status report and distribution to volunteer and community groups, and US institutions.	Latin America/Caribbean	2006
10358-07	Capacity Building for the Manager's Guide to Coral Bleaching	Scot Frew	NOS / International Programs - IPO	Develop a coral reef management training program to support effective and meaningful responses to coral bleaching and climate change.	All Regions	2007
1767-07	COREMO III Database Training for Global Coral Reef Monitoring Network	Scot Frew	NOS / International Programs - IPO	CoReMo III, a global database and data management system developed by France, ReefBase and GCRMN, was temporarily delayed and will now be tested in September, 06 and released in December, 06. CoReMo will be updated to include coral reef following requests from coral reef monitoring managers throughout the Indo-Pacific. Training will be provided to national database managers in Micronesia, Melanesia and Polynesia in 2007.	Pacific Other	2005
10353-07	Enforcement Toolkit	Scot Frew	NOS / International Programs - IPO	Produce a toolkit for conducting coral reef enforcement and natural resource investigations for coral reef resource managers, environmental assessment specialists, forensic investigators and litigators throughout the Pacific, Indian and Atlantic coral reef regions.	All regions	2007



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1576-07	Support for an ICON Station for the 'Targeted Research & Capacity Building for Management' Program at Puerto Morelos, MX	James Hendee	OAR / Atlantic Oceanographic Meteorological Laboratory - AOML	The Targeted Research & Capacity Building for Management program, funded through World Bank/GEF and NOAA, seeks to establish four super-sites for coral research throughout the world. Under funding from the WW2BW initiative, AOML has conducted a site survey to determine a good location for an ICON monitoring station. Funds are sought to continue to support travel for the installation of the station, which will serve the goals of the TR project and CRCP.	Latin America/Caribbean	2005
10038-07	Acropora spp. monitoring in the eastern Caribbean	Margaret Miller	NMFS / Southeast Fisheries Science Center - SEFSC	This project will implement demographic monitoring of Acropora spp., with focus on Acropora palmata, in several locations in the Eastern Caribbean according to a documented protocol developed by SEFSC. This monitoring will be accomplished via a highly leveraged partnership with Sea-mester, a semester-at-sea educational program that traverses the Eastern Caribbean twice per year in the 88ft sailing schooner, S/Y Ocean Star.	Latin America/Caribbean	2006
Increase Use and Effectiveness of MPAs						
10068-07	Coral Damage Assessment, Restoration, and Monitoring Training in the Wider Caribbean Region	Joe Schittone	NOS / Office of National Marine Sanctuaries - ONMS	A training workshop, for 10-12 invited Govt. biologists from States in the Wider Caribbean Region, to be held in Puerto Rico. The purpose is to share FKNMS damage assessment & restoration techniques among biologists in the region, with a view toward standardizing protocols, methodologies, monitoring techniques, etc. Workshop to be conducted by FKNMS biologists. Need highlighted by grounding of the oil tanker MARGARA on the south coast of Puerto Rico April 27th.	Florida, Puerto Rico, Latin American/Caribbean	2006
Reduce Impacts of International Trade						
1273-07	Identifying and developing a rapid field test for cyanide detection	Andy Bruckner	NMFS / Habitat Conservation - HC	Identify a fast, reliable, inexpensive and convenient detection test for the presence cyanide or its byproducts in marine ornamental fishes. Existing toxicological methods (e.g. IMA ion electrode) and other approaches (e.g., biomarkers) would be compared to determine the sensitivity of various tests and their applicability under field (collection) and export/import facility testing scenarios	East Asia/South East Asia	2004



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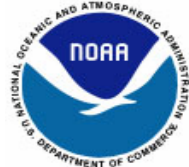
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1271-07	Analysis of US Ornamental Reef Fish Imports	Andy Bruckner	NMFS / Habitat Conservation - HC	The U.S. is the worlds largest consumer of ornamental reef fish, importing 16 million fish in 2004/2005. To obtain information needed to address concerns of an unsustainable ornamental fish trade, this project will compile and analyze all records submitted with each reef fish shipment for 2004/2005. Data will be assessed to determine species that need protection under CITES and species that should not be in trade.	All regions	2005
Reduce Impacts of Climate Change						
1958-07	Socio-economic impacts of predicted climate change related coral bleaching for the Florida Keys	Bob Leeworthy	NOS / Special Projects - SP	Based on the success of a similar study in the Australian Great Barrier reef, this project aims to predict the socio-economic effects that will arise from future coral bleaching as a result of predicted climate change in the Florida Keys. The scoping phase of this project was completed in 2005; the data canvassing and data analysis phase will be completed in year 2 and part of year 3. The report and recommendations phase will be completed in year 3.	Florida	2005
Address Emerging Issues						
2160-07	Acropora Implementation Issues	Jennifer Moore	NMFS / Southeast Region - SER	The final listing of Acropora cervicornis and A. palmata as threatened under the Endangered Species Act (ESA) has created the need for many new initiatives within FY07 and the following fiscal years. This is the first ever listing of a coral species and will require outreach and education, development of specific conservation activities, prohibited actions and recovery strategies, and coordination with stakeholders.	Florida, Flower Garden Banks, Puerto Rico, U.S. Virgin Islands	2006
10306-07	Assessment of ESA Threatened Corals - Supplemental	Margaret Miller	NMFS / Southeast Fisheries Science Center - SEFSC	This project will address high-priority gaps in research and assessment to support the recent ESA listing of Caribbean Acropora spp. corals. Activities will include 1) sampling and screening Acropora disease lesions for known and putative pathogens (highly leveraged by CDHC and NCCOS base funding); 2) Maintain existing demographic monitoring data stream from St. John USVI; 3) Begin distributional mapping in Puerto Rico and 4) support for data management of the above activities	Florida, Puerto Rico, U.S. Virgin Islands	2007
N/A	Quantitative population modeling of Acropora spp.	Jennifer Moore	NMFS / Southeast Region - SER	Available upon request.	U.S. Virgin Islands, Puerto Rico, Navassa, Flower Gardens, Florida, Latin American/Caribbean	2007



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1055-07	Assessment of Candidate Corals	Margaret Miller	NMFS / Southeast Fisheries Science Center - SEFSC	This project involves monitoring of Caribbean Acropora spp. status and distribution, and their threats (e.g. disease and predators) in the Florida Keys to support the ESA listing, management, and recovery planning and implementation. Other project components are pursuing research goals related to applying genetic tools to field studies on colony performance, disease incidence and transmission, thus addressing priority areas for monitoring, conservation and recovery of species of ESA concern.	Florida	2002
Program Coordination						
Headquarters Coordination						
1452-07	NOAA Coral Reef Conservation Program Coordination	David Kennedy	NOS / Office of Ocean and Coastal Resource Management - OCRM	This funding will support coordination of the NOAA Coral Reef Conservation Program.	All regions	2004
10187-07	CRCP Regional Workshops, CREIOS Review, and External Program Review	David Kennedy	NOS / Office of Ocean and Coastal Resource Management - OCRM	This project will design, implement and complete external reviews of (1) the Coral Reef Conservation Program (CRCP) and (2) the Coral Reef Ecosystem Integrated Observing System (CREIOS) component of the CRCP. Information from the reviews will be used to help identify priorities, key requirements and future direction for CRCP and CREIOS.	All regions	2006
1192-07	NOAA Coral Reef Conservation Program Communications, Outreach and Education Coordination	Alissa Barron	NOS / Office of Ocean and Coastal Resource Management - OCRM	The CRCP has been funding national coordination of communications, outreach and education since FY01. National coordination funds are used for national-level communications, public relations, outreach, and education, as well as to facilitate, support, and enhance outreach and education efforts in the program regions.	All regions	2003
1442-07	NOAA Fisheries Coral Reef Program Coordination	Thomas Hourigan	NMFS / Habitat Conservation - HC	The NMFS Coral Reef Program Coordination provides overall coordination for the NOAA Fisheries components of the NOAA Coral Reef Conservation Program and leadership on NOAA's Deep Coral activities.	All regions	2004
10415-07	OAR Coral Reef Program Coordinator	Kimberly Puglise	OAR / National Undersea Research Program - NURP	The OAR Coral Reef Program Coordinator supports coordination for OAR's component of the NOAA Coral Reef Conservation Program.	All regions	2007
1171-07	U.S. Coral Reef Task Force Support	Roger Griffis	NOS / Office of Ocean and Coastal Resource Management - OCRM	This project supports key measures outlined in resolutions passed by the U.S. Coral Reef Task Force to strengthen its ability to implement the National Action Plan.	All regions	2003



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1204-07	All Islands Coral Reef Secretariat	Dana Wusinich-Mendez	NOS / Office of Ocean and Coastal Resource Management - OCRM	The proposed project will provide continued funding support for the All Islands Group Secretariat, to assist in the coordination of national and All Islands' activities and initiatives.	All regions	2003
1919-07	Support for 2008 International Coral Reef Symposium	Roger Griffis	NOS / Office of Ocean and Coastal Resource Management - OCRM	This project will support planning for the 2008 International Coral Reef Symposium in Florida.	All regions	2005
N/A	LAS Tracking Database	Jennifer Kozlowski	NOS / Office of Ocean and Coastal Resource Management - OCRM	Available upon request.	All regions	2007
10387-07	Support for International Year of the Reef 2008	Alissa Barron	NOS / Office of Ocean and Coastal Resource Management - OCRM	An International Year of the Reef (IYOR) in 2008 has been endorsed by the USCRTF, NOAA International Affairs and Ocean Councils, ICRAN, and the current secretariats of ICRI. Active U.S. leadership will require some combination of financial support, staff time, and content for events, announcements and products. NOAA's contribution is the cornerstone of U.S. contributions, which will leverage financial and staff support from other U.S. agencies, NGO partners, and international collaborators.	All regions	2007
Field Office Coordination						
1142-07	Support Local Action Strategies, Management and Administration of Coral Reef Conservation Program Activities	Lisamarie Carrubba	NMFS / Southeast Region - SER	This project supports coordination for NMFS coral reef conservation activities in the U.S. Caribbean and broader NOAA CRCP collaboration with Territory and Commonwealth management agencies and the CFMC. Funds will provide for a coral reef and administrative position to provide oversight of ongoing and future projects in the U.S. Caribbean and Florida, support LAS, and to facilitate the identification, implementation and management of activities to restore and conserve coral reef ecosystems.	Florida, Puerto Rico, U.S. Virgin Islands	2001
1752-07	Support Federal Navigator and LAS Overfishing Activities in the U.S. Caribbean	Lisamarie Carrubba	NMFS / Southeast Region - SER	This project will provide support for the LAS Overfishing theme for both PR and USVI. One project in USVI and one project in Puerto Rico from the LAS Overfishing theme will be completed with funds from this fiscal year. The projects were already selected by the local jurisdictions.	Puerto Rico, U.S. Virgin Islands	2005



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1250-07	Data Management, Assessment and Outreach	Theophilus Brainerd	NMFS / Southeast Fisheries Science Center - SEFSC	This project coordinates and supports SEFSC's CR projects within the National Coral Reef Program. Provides links between scientists, regional partners and HQ. Prepares and responds to all data reporting and management requirements. Supports the USCRTF meetings. This project will support the FY07 NOAA CRCP and the Coral Reef Ecosystems Integrated Observing System (CREIOS) internal and external reviews process.	Florida, Flower Garden Banks, Puerto Rico, U.S. Virgin Islands	2003
10047-07	National Coral Reef Ecosystem Monitoring Program (Non-Grant)	Mark Monaco	NOS / National Centers for Coastal Ocean Science - NCCOS	This project provides resources to support the staff and staff activities necessary to administer and coordinate CRCP's National Coral Reef Ecosystem Monitoring Program (NCREMP) and to foster and improve collaboration with jurisdictional partners. This includes program management activities, such as grants administration/processing, partnership development, and continuous activities associated with crafting periodic 'State of the Reefs' reports.	Florida, Flower Garden Banks, Puerto Rico, U.S. Virgin Islands, American Samoa, Hawaii, Northwest Hawaiian Islands, Guam, Commonwealth of the Northern Mariana Islands, Federated States of Micronesia, Marshall Islands, Palau	2006
10134-07	Pacific Islands Coral Reef Coordination	Seema Balwani	NMFS / Pacific Islands Fisheries Science Center - PIFSC	The Pacific Islands Coral Reef Coordination funding provides for 3 FTEs to manage the Coral Reef Ecosystem Division of the Pacific Islands Fisheries Science Center: Division Chief, Management and Program Analyst, and Operations Research Analyst. Together, the Management Team ensures that CRED is effective in conducting a research program while fulfilling its reporting requirements.	American Samoa, Hawaii, Northwest Hawaiian Islands, Commonwealth of the Northern Mariana Islands, Guam, U.S. Pacific Remote Island Areas (PRIAs), Pacific Other,	2006
N/A	Targetted partnerships with Pacific Services Center	Kris McElwee	NOS / Pacific Services Center	Available upon request.	Hawaii	2007
N/A	Increased funding for priority LAS projects	Bill Millhouser	NOS / Office of Ocean and Coastal Resource Management - OCRM	Available upon request.	Florida, Puerto Rico, Guam, Hawaii, Commonwealth of the Northern Mariana Islands, American Samoa	2007
10310-07	NEW OCRM Pacific Coordinator	Dana Wusinich-Mendez	NOS / Office of Ocean and Coastal Resource Management - OCRM	This project will support a new coral program staff member for the Coastal Programs Division (CPD) to be placed in NOAA's Pacific Services Center in Honolulu, Hawaii. This will be contract staff who will work with CPD's existing team of 2 to support Pacific Island coral reef conservation and coastal zone management initiatives and build local island capacity for coral reef management in the Pacific region.	American Samoa, Hawaii, Northwest Hawaiian Islands, Guam, Commonwealth of the Northern Mariana Islands, Federated States of Micronesia, Marshall Islands, Palau	2007



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2104-07	Approaches to Pacific Island Coral Reef Damage Assessment, Mitigation and Restoration	Gerry Davis	NMFS / Pacific Islands Regional Office - PIRO	This project will investigate and identify appropriate new approaches to mitigate for unavoidable loss of coral reef habitat. This would include such approaches as artificial reef construction, no-take marine protected areas, and creating hard substrate for natural coral colonization. In addition this project will be involved with coral reef damage assessment resulting from vessel grounding and restoration of degraded coral reef habitats in Hawaii and the Pacific.	Hawaii	2006
10374-07	New LAS implementation and coral reef management capacity assessments	Bill Millhouser	NOS / Office of Ocean and Coastal Resource Management - OCRM	In 2007 several jurisdiction on the U.S. Coral Reef Task Force will complete the implementation of some of their Local Action Strategies from the first 3-year round of this initiative. This project will support the assessment of local capacity to complete new LAS as they are developed.	American Samoa, Commonwealth of the Northern Mariana Islands, Guam	2007
1260-07	NMFS Pacific Islands Regional Coral Coordinators	Alan Everson	NMFS / Pacific Islands Regional Office - PIRO	Incumbents will serve as the NMFS liaison for coral reef management issues in Guam, American Samoa and the Commonwealth of the Northern Marianas (CNMI) and support implementation of the fishery management local action strategies (LAS) in each of these areas. They will report directly to the Pacific Islands Regional Office (PIRO) Habitat Conservation Division (HCD). Responsibilities will also include working with other federal and local resource agencies on coral reef management issues.	American Samoa, Commonwealth of the Northern Mariana Islands, Guam, Hawaii	2004
1201-07	Coral Reef Management Fellowship	Jan Kucklick	NOS / Coastal Services Center - CSC	This project will provide policy and management support to the U.S. Flag Pacific and Caribbean Islands on coral reef issues and offer a professional growth opportunity for highly qualified recipients of bachelor's and master's degrees to learn about coral reef management and a wide range of island management issues.	Puerto Rico, U.S. Virgin Islands, American Samoa, Hawaii, Commonwealth of the Northern Mariana Islands, Guam	2003