

**NOAA Coral Reef Conservation Program, Financial Assistance Awards for Fiscal Year 2019**

<b>Award Number</b>	<b>Project Title</b>	<b>Applicant</b>	<b>Applicant Type</b>	<b>Region</b>	<b>Location</b>	<b>Federal Funding</b>	<b>Matching Funds</b>
<b>State and Territorial Coral Reef Conservation Cooperative Agreements</b>							
NA19NOS4820055	USVI Coral Reef Management Initiative	USVI DPNR, Division of Coastal Zone Management*	Territorial Government	Atlantic/Caribbean	U.S. Virgin Islands	\$533,629	\$285,778
NA19NOS4820054	Puerto Rico Coral Reef Conservation 2019-2020	Puerto Rico Department of Natural and Environmental Resources*	Commonwealth Government	Atlantic/Caribbean	Puerto Rico	\$450,000	\$205,617
NA19NOS4820053	Coral Reef Conservation Cooperative Agreement	Florida Department of Environmental Protection*	State Government	Atlantic/Caribbean	Florida	\$710,000	\$710,000
NA19NOS4820051	Hawaii FY19-20 Coral Reef Management Grant	Hawaii DLNR, Division of Aquatic Resources*	State Government	Pacific	Hawaii	\$743,000	\$743,000
NA19NOS4820052	CNMI's FY19-20 Coral Reef Conservation Cooperative Agreement	CNMI Division of Coastal Resources Management*	Commonwealth Government	Pacific	CNMI	\$522,000	\$6,400
NA19NOS4820057	Guam's FY 19-20 Coral Reef Conservation Program Cooperative Agreement Application	Guam Bureau of Statistics and Plans, Coastal Management Program*	Territorial Government	Pacific	Guam	\$510,000	\$88,276
NA19NOS4820056	Coral Reef Conservation Cooperative Agreement	American Samoa Department of Marine and Wildlife Resources*	Territorial Government	Pacific	American Samoa	\$536,964	\$49,588
<i>* At the recipient's request, a portion of the funds were held back for the All Islands Committee Secretariat and other specific tasks.</i>							
<b>Fishery Management Council Coral Reef Conservation Cooperative Agreements</b>							
NA17NMF4410270	FY18 Monitoring Surveys of Mesophotic Habitats	Caribbean Fishery Management Council	FMC	Atlantic/Caribbean	Puerto Rico, USVI	\$185,484	\$0
NA17NMF4410272	Coral Reef Conservation Program Fishery Management Council Coral Reef Conservation Agreements	Gulf of Mexico Fishery Management Council	FMC	Atlantic/Caribbean	Florida, Gulf of Mexico	\$190,090	\$0
NA17NMF4410271	South Atlantic Fishery Management Council Coral Reef Conservation Activities to Conserve and Manage Fishery Resources and Essential Fish Habitat	South Atlantic Fishery Management Council*	FMC	Atlantic/Caribbean	Florida	\$360,476	\$0
NA17NMF4410251	Western Pacific Coral Reef Ecosystem Fishery Resource Assessment and Management, FY 17-19	Western Pacific Regional Fishery Management Council	FMC	Pacific	AS, HI, GU, CNMI	\$445,972	\$0
<i>* At the recipient's request, a portion of the funds were held back for specific work conducted by NOAA Principal Investigators.</i>							
<b>Domestic Coral Reef Conservation Grants</b>							
NA19NOS4820116	Improve Coral Reef Health by Expanding and Leveraging Stream Gulch Restoration Actions in Waihikuli, West Maui	The Coral Reef Alliance	NGO	Pacific	Hawaii	\$77,066	\$77,359
NA19NOS4820128	Mapping coral reef vulnerability to climate change in Leeward Maui to aid in designing a resilient managed area network	Marine Applied Research Center	Small Business	Pacific	Hawaii	\$79,986	\$80,067
NA19NOS4820130	Enhancing the Effectiveness of Restoration Efforts in Honokwai and Kapunakea Preserve	Ridge to Reefs, Inc	NGO	Pacific	Hawaii	\$77,870	\$78,436
NA19NOS4820127	SE FL Reef-building-coral Response to Broader-scale Coral Disease Intervention to Aid in the Identification of Disease Resilient/Resistant Coral Sites	Nova Southeastern University	Academic	Atlantic/Caribbean	Florida	\$79,004	\$32,320
NA19NOS4820117	Identifying key reef sites for the management and conservation of coral genetic diversity and resilience	University of Guam	Academic	Pacific	Guam	\$69,769	\$75,073
NA19NOS4820126	Impact of the invasive sea vine Halophila stipulacea on native seagrasses, invertebrates and fish assemblages	Sociedad Ambiente Marino	NGO	Atlantic/Caribbean	Puerto Rico	\$66,482	\$88,181
NA19NOS4820115	Building resiliency and development of a Management Action Plan for the Marine Extension of the Guanica State Forest	Protectores de Cuencas	NGO	Atlantic/Caribbean	Puerto Rico	\$76,755	\$88,602
NA19NOS4820114	Developing Probiotic Treatments to Treat Disease and Protect Captive Coral for Conservation Efforts	Smithsonian Institution	NGO	Atlantic/Caribbean	Florida	\$51,279	\$51,279
NA19NOS4820129	Satellite and field observations water quality parameters associated to coral reef high priority areas in Puerto Rico	Environmental Mapping Consultants	Small Business	Atlantic/Caribbean	Puerto Rico	\$73,619	\$74,286
NA19NOS4820120	Mapping climate resilience and vulnerability for the coral reefs of Guam to aid in prioritizing restoration sites	SymbioSeas	NGO	Pacific	Guam	\$79,818	\$80,731
NA19NOS4820118	Evaluating the impact of invasive seagrass, Halophila stipulacea, on growth and survival of commercially important juvenile fishes in the US Virgin Islands	University of the Virgin Islands	Academic	Atlantic/Caribbean	U.S. Virgin Islands	\$80,000	\$0
NA19NOS4820125	Testing approaches for the mitigation and prevention of coral disease outbreaks in the U.S. Virgin Islands	University of the Virgin Islands	Academic	Atlantic/Caribbean	U.S. Virgin Islands	\$79,938	\$0
NA19NOS4820132	Metabolomics of SCTL: identifying toxic compounds for disease mitigation	Pennsylvania State University-University Park	Academic	Atlantic/Caribbean	Florida	\$80,000	\$80,000
NA19NOS4820124	Investigating the role of groundwater in pollutant transport to Nu'uuli Pala Lagoon, American Samoa	American University	Academic	Pacific	American Samoa	\$78,430	\$83,129
NA19NOS4820119	Resident Perceptions of and Satisfaction with Ecological and Social Conditions at Selected Nearshore Sites in the Commonwealth of the Northern Marianas	Lynker Technologies, LLC	Small Business	Pacific	CNMI	\$38,500	\$38,707

**NOAA Coral Reef Conservation Program, Financial Assistance Awards for Fiscal Year 2019**

<b>International Coral Reef Conservation Cooperative Agreements</b>							
NA18NOS4820015	Building MPA management capacity in the wider Caribbean region with special emphasis on MPA implementation in the eastern Caribbean	Gulf and Caribbean Fisheries Institute	NGO	Wider Caribbean	Caribbean MPAs	\$291,420	\$291,445
NA18NOS4820017	Advancing science-to-management feedback loops to prioritize stressors on coral reef ecosystems in support of the Micronesia Challenge	Micronesia Conservation Trust	NGO	Micronesia	Palau, FSM, Marshall Isl.	\$300,000	\$300,000
NA18NOS4820014	Expanding Community Marine Managed Area Networks and Institutional Capacity to Support Coral Reef Conservation in Papua New Guinea and the Solomon Islands	Conservation International Foundation	NGO	South Pacific	Papau New Guinea, Solomon Isl.	\$131,032	\$131,032
NA18NOS4820016	Increased Resilience to Climate Change through Socio-ecological Resilience Analysis of prioritized Marine Protected Areas of the Mesoamerican Reef	World Wildlife Fund, Inc.	NGO	Mesoamerica and Wider Caribbean	Belize, Honduras, Mexico	\$70,000	\$70,000
<b>Other: Competitive Awards</b>							
NA16NOS4820106	Promoting Local Action for Global Coral Reef Conservation: Supporting Effective Management of Coral Reefs through partnerships in priority U.S. Geographies	The Nature Conservancy, Regional	NGO	Domestic	Domestic	\$590,000	\$575,045
NA16NOS4820105	A Cooperative Agreement to Reduce Fishing Impacts and Effectively Conserve Coral Reefs in the Hawaiian Islands	Conservation International Foundation	NGO	Domestic	Domestic	\$59,713	\$58,019
NA18NOS4820181	National Fish and Wildlife Foundation--Coral Fund Competitive Grants	National Fish and Wildlife Foundation, Competitive Programs	Public-Private Partnership	Domestic & International	Domestic & International	\$572,204	\$572,204
NA19NMF4630259	Implementing the Florida Keys Coral Disease Response and Restoration Initiative	Mote Marine Laboratory, Inc.	NGO	Caribbean	Florida	\$500,000	\$0
NA19NMF4630260	Large-scale Restoration of ESA Threatened Coral Species in the Florida Keys National Marine Sanctuary, Focusing on Five Reefs to be Restored to Criteria Outlined in the Acropora Recovery Plan	Coral Restoration Foundation, Inc.	NGO	Caribbean	Florida	\$420,000	\$405,959
<b>Other: Non-Competitive Awards</b>							
NA19NOS4820059	Support for the 14th International Coral Reef Symposium (ICRS 2020) to be held at the Bremen Exhibition & Conference Center, Bremen, Germany, 5-10 July 2020	International Society for Reef Studies Corporation	NGO	Europe	Germany	\$50,000	\$50,000
NA19NOS4820150	42nd U.S. Coral Reef Task Force	Palau International Coral Reef Center	NGO	Micronesia	Palau	\$44,308	\$0
<b>Total</b>						<b>\$9,304,808</b>	<b>\$5,470,533</b>

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<b>State and Territorial Coral Reef Conservation Cooperative Agreements</b>							
NA17NOS4820033	USVI Coral Reef Management Initiative	USVI DPNR, Division of Coastal Zone Management*	Territorial Government	Atlantic/Caribbean	U.S. Virgin Islands	\$495,000	\$248,989
NA17NOS4820037	Puerto Rico Coral Reef Conservation 2017-2018	Puerto Rico Department of Natural and Environmental Resources*	Comonwealth Government	Atlantic/Caribbean	Puerto Rico	\$480,000	\$234,259
NA17NOS4820032	Coral Reef Conservation Cooperative Agreement	Florida Department of Environmental Protection*	State Government	Atlantic/Caribbean	Florida	\$770,000	\$671,381
NA17NOS4820039	Hawaii FY17-18 Coral Reef Management Grant	Hawaii DLNR, Division of Aquatic Resources*	State Government	Pacific	Hawaii	\$760,000	\$810,086
NA17NOS4820034	CNMI's FY17-18 Coral Reef Conservation Cooperative Agreement	CNMI Division of Coastal Resources Management*	Comonwealth Government	Pacific	CNMI	\$475,000	\$0
NA17NOS4820038	Guam's FY 17-18 Coral Reef Conservation Program Cooperative Agreement Application	Guam Bureau of Statistics and Plans, Coastal Management Program*	Territorial Government	Pacific	Guam	\$400,000	\$51,454
NA17NOS4820036	Coral Reef Conservation Cooperative Agreement	American Samoa Department of Marine and Wildlife Resources*	Territorial Government	Pacific	American Samoa	\$560,000	\$16,340
<i>* At the recipient's request, a portion of the funds were held back for the All Islands Committee Secretariat and other specific tasks.</i>							
<b>Fishery Management Council Coral Reef Conservation Cooperative Agreements</b>							
NA17NMF4410270	FY18 Monitoring Surveys of Mesophotic Habitats	Caribbean Fishery Management Council	FMC	Atlantic/Caribbean	Puerto Rico, USVI	\$365,546	\$0
NA17NMF4410272	Coral Reef Conservation Program Fishery Management Council Coral Reef Conservation Agreements	Gulf of Mexico Fishery Management Council	FMC	Atlantic/Caribbean	Florida, Gulf of Mexico	\$190,247	\$0
NA17NMF4410271	South Atlantic Fishery Management Council Coral Reef Conservation Activities to Conserve and Manage Fishery Resources and Essential Fish Habitat	South Atlantic Fishery Management Council*	FMC	Atlantic/Caribbean	Florida	\$358,646	\$0
NA17NMF4410251	Western Pacific Coral Reef Ecosystem Fishery Resource Assessment and Management, FY 17-19	Western Pacific Regional Fishery Management Council	FMC	Pacific	AS, HI, GU, CNMI	\$335,000	\$0
<i>* At the recipient's request, a portion of the funds were held back for specific work conducted by NOAA Principal Investigators.</i>							
<b>Domestic Coral Reef Conservation Grants</b>							
NA18NOS4820108	HIMARC Phase II: Estimating indicators and reference points in support of effectively managing Hawaii's nearshore marine resources	University of Hawaii	Academic	Pacific	Hawaii	\$56,549	\$56,552
NA18NOS4820111	Village-based planning in American Samoa to address threats posed to coral reefs by climate change.	Marine Applied Research Center	Small Business	Pacific	American Samoa	\$79,939	\$80,067
NA18NOS4820113	Integrating Visual Ecological Surveys, Passive Acoustics and Habitat Photogrammetry to Characterize Reef Fish Assemblages, Spawning Activity & Resilience across Coral Reef Management Zones Post-Hurricane Irma	North Carolina State University	Academic	Atlantic/Caribbean	Florida	\$65,053	\$72,301
NA18NOS4820106	Human and natural drivers of coral reef resilience to climate-induced coral bleaching in Guam; identifying potential climate refugia	SymbioSeas	NGO	Pacific	Guam	\$79,975	\$80,532
NA18NOS4820115	Addressing land-based sources of pollution affecting listed coral species in Guanica, Puerto Rico	Protectores de Cuencas, Inc.	NGO	Atlantic/Caribbean	Puerto Rico	\$79,581	\$84,933
NA18NOS4820112	Delineate, Designate, and Demonstrate Stream Riparian Buffers in Wahikuli, West Maui	The Coral Reef Alliance	NGO	Pacific	Hawaii	\$70,223	\$70,223
NA18NOS4820110	Scaling up production capacity for Hawaiian coral reef restoration: few large or many small?	University of Hawaii	Academic	Pacific	Hawaii	\$69,454	\$69,483
NA18NOS4820107	Assessing the impacts of the invasive seagrass, Halophila stipulacea, and two major hurricanes on the distribution of native seagrass communities of Culebra Island, Puerto Rico	Coastal Survey Solutions LLC	Small Business	Atlantic/Caribbean	Puerto Rico	\$63,386	\$64,087
NA18NOS4820114	Establishing the catchment to sea connection: spatial and temporal patterns of terrestrial pollution sources and impacts to herbivorous fish assemblages	James Cook University	Academic	Pacific	American Samoa	\$40,364	\$43,545
NA18NOS4820116	A scientific analysis and decision framework for the standardization of citizen science ecological monitoring methods for community based fishing areas (CBFA)	Conservation International Foundation	NGO	Pacific	Hawaii	\$40,971	\$41,023
NA18NOS4820104	Equipping U.S. Virgin Island managers with high and low-tech options for native reef fish and seagrass conservation: mitigating impacts of the invasive seagrass, Halophila stipulacea	William Marsh Rice University	Academic	Atlantic/Caribbean	Virgin Islands	\$69,167	\$69,170
NA18NOS4820105	Effect of Hurricane Maria on resilience of Puerto Rico's Coral Reef	University of Puerto Rico Mayaguez	Academic	Atlantic/Caribbean	Puerto Rico	\$70,926	\$70,926
NA18NOS4820206	Assessment and Restoration of the Pillar Coral Dendrogyra cylindrus on the Florida Reef Tract	Nova Southeastern University, Inc.*	Academic	Atlantic/Caribbean	Florida	\$69,000	\$69,498
<i>*This project was awarded in FY 2017 and transferred at the original recipient's request.</i>							
<b>International Coral Reef Conservation Cooperative Agreements</b>							
NA18NOS4820015	Building MPA management capacity in the wider Caribbean region with special emphasis on MPA implementation in the eastern Caribbean	Gulf and Caribbean Fisheries Institute	NGO	Wider Caribbean	Caribbean MPAs	\$290,126	\$290,290

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NA18NOS4820017	Advancing science-to-management feedback loops to prioritize stressors on coral reef ecosystems in support of the Micronesia Challenge	Micronesia Conservation Trust	NGO	Micronesia	Palau, FSM, Marshall Isl.	\$300,000	\$300,000
NA18NOS4820014	Expanding Community Marine Managed Area Networks and Institutional Capacity to Support Coral Reef Conservation in Papua New Guinea and the Solomon Islands	Conservation International Foundation	NGO	South Pacific	Papau New Guinea, Solomon Isl.	\$132,060	\$132,060
NA18NOS4820016	Increased Resilience to Climate Change through Socio-ecological Resilience Analysis of prioritized Marine Protected Areas of the Mesoamerican Reef	World Wildlife Fund, Inc.	NGO	Mesoamerica and Wider Caribbean	Belize, Honduras, Mexico	\$70,000	\$70,000
<b>Other Competitive Awards</b>							
NA16NOS4820106	Promoting Local Action for Global Coral Reef Conservation: Supporting Effective Management of Coral Reefs through partnerships in priority U.S. Geographies	The Nature Conservancy, Regional	NGO	Domestic	Domestic	\$805,000	\$787,202
NA16NOS4820105	A Cooperative Agreement to Reduce Fishing Impacts and Effectively Conserve Coral Reefs in the Hawaiian Islands	Conservation International Foundation	NGO	Domestic	Domestic	\$59,903	\$57,811
NA18NOS4820181	National Fish and Wildlife Foundation--Coral Fund Competitive Grants	National Fish and Wildlife Foundation, Competitive Programs	Public-Private Partnership	Domestic & International	Domestic & International	\$680,000	\$680,000
						<b>\$8,381,116</b>	<b>\$5,222,212</b>

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<b>State and Territorial Coral Reef Conservation Cooperative Agreements</b>							
NA17NOS4820033	USVI Coral Reef Management Initiative	USVI DPNR, Division of Coastal Zone Management*	Territorial Government	Atlantic/Caribbean	U.S. Virgin Islands	\$540,000	\$222,602
NA17NOS4820037	Puerto Rico Coral Reef Conservation 2017-2018	Puerto Rico Department of Natural and Environmental Resources*	Comonwealth Government	Atlantic/Caribbean	Puerto Rico	\$490,000	\$237,447
NA17NOS4820036	Coral Reef Conservation Cooperative Agreement	Florida Department of Environmental Protection*	State Government	Atlantic/Caribbean	Florida	\$790,000	\$671,381
NA17NOS4820039	Hawaii FY17-18 Coral Reef Management Grant	Hawaii DLNR, Division of Aquatic Resources*	State Government	Pacific	Hawaii	\$750,000	\$629,914
NA17NOS4820034	CNMI's FY17-18 Coral Reef Conservation Cooperative Agreement	CNMI Division of Coastal Resources Management* *	Comonwealth Government	Pacific	CNMI	\$480,000	\$0
NA17NOS4820038	Guam's FY 17-18 Coral Reef Conservation Program Cooperative Agreement Application	Guam Bureau of Statistics and Plans, Coastal Management Program*	Territorial Government	Pacific	Guam	\$460,214	\$49,811
NA17NOS4820036	Coral Reef Conservation Cooperative Agreement	American Samoa Department of Marine and Wildlife Resources*	Territorial Government	Pacific	American Samoa	\$572,607	\$7,520
<i>* At the recipient's request, a portion of the funds were held back for the All Islands Committee Secretariat and other specific tasks.</i>							
<b>Fishery Management Council Coral Reef Conservation Cooperative Agreements</b>							
NA17NMF4410270	FY17 Oceanographic Pathways and Hydrodynamic Connectivity	Caribbean Fishery Management Council	FMC	Atlantic/Caribbean	Puerto Rico, USVI	\$301,282	\$0
NA17NMF4410272	Coral Reef Conservation Program Fishery Management Council Coral Reef Conservation Agreements	Gulf of Mexico Fishery Management Council	FMC	Atlantic/Caribbean	Florida, Gulf of Mexico	\$158,469	\$0
NA17NMF4410271	South Atlantic Fishery Management Council Coral Reef Conservation Activities to Conserve and Manage Fishery Resources and Essential Fish Habitat	South Atlantic Fishery Management Council*	FMC	Atlantic/Caribbean	Florida	\$367,168	\$0
NA17NMF4410251	Western Pacific Coral Reef Ecosystem Fishery Resource Assessment and Management, FY 17-19	Western Pacific Regional Fishery Management Council	FMC	Pacific	AS, HI, GU, CNMI	\$430,000	\$0
<i>* At the recipient's request, a portion of the funds were held back for specific work conducted by NOAA Principal Investigators.</i>							
<b>Domestic Coral Reef Conservation Grants</b>							
NA17NOS4820075	Coral community structure, health and calcification at nearshore reefs adjacent to the Guanica Bay watershed, southwest Puerto Rico	University of Puerto Rico Mayaguez	Academic	Atlantic	Puerto Rico	\$70,986	\$70,986
NA17NOS4820124	Assessment and Restoration of the Pillar Coral <i>Dendrogyra cylindrus</i> on the Florida Reef Tract	Floriday Department of Education-Florida Keys Community College	Academic	Atlantic	Florida	\$69,000	\$75,095
NA17NOS4820083	Building a genetic and bioinformatic analysis pipeline for genotyping of Caribbean corals	Pennsylvania State University - University Park	Academic	Atlantic	Florida	\$70,392	\$50,663
NA17NOS4820084	Predicting the unpredictable: identifying environmental and genomic correlates of <i>Acropora cervicornis</i> out-plant success in the Florida Keys	University of Southern California	Academic	Atlantic	Florida	\$76,420	\$103,947
NA17NOS4820079	Benthic community structure characterization and assessment of turbidity impacts of the north (Manata and Vega Baja) and south (Guanica) coasts, Puerto Rico	Protectores de Cuencas, Inc.	NGO	Atlantic	Puerto Rico	\$69,331	\$69,858
NA17NOS4820086	Testing the efficacy of MPAs and the impact of invasive lionfish on mesophotic reefs in the US Virgin Islands	University of the Virgin Islands	Academic	Atlantic	Virgin Islands	\$80,000	\$31,800
NA17NOS4820081	Optimal placement of coral restoration projects to enhance reef resilience: a management tool	Nova Southeastern University	Academic	Atlantic	Florida	\$79,992	\$81,086
NA17NOS4820080	Understanding & Preventing Land-Based Sources of Pollution in the U.S. Virgin Islands	University of the Virgin Islands	Academic	Atlantic	Virgin Islands	\$80,000	\$1,200
NA17NOS4820087	Southeast Florida large (>2 m) ESA threatened coral colony disease impact assessment	Nova Southeastern University	Academic	Atlantic	Florida	\$79,891	\$38,245
NA17NOS4820088	Assessing resistance and recovery in CNMI during and following a bleaching and typhoon event to identify and prioritize resilience drivers and action options	Marine Applied Research Center, LLC	Small Buisness	Pacific	CNMI	\$79,750	\$81,317
NA17NOS4820085	Clean Water for Reefs: Halting Sediment Runoff from Dirt Roads by Restoring Natural Filtration Processes in the Honokōwai Priority Watershed, West Maui	CORAL	NGO	Pacific	Hawaii	\$70,806	\$92,242
NA17NOS4820078	Integrating climate resiliency into planning processes, action plans and school curriculum in American Samoa.	Marine Applied Research Center, LLC	Small Buisness	Pacific	American Samoa	\$74,910	\$74,950
NA17NOS4820074	Predicting extreme tide events to inform shallow reef community restoration and management in Guam, Micronesia	University of Guam	Academic	Pacific	Guam	\$78,538	\$34,300
NA17NOS4820076	Assessing nearshore management strategies for coral resilience	University of Hawaii Manoa	Academic	Pacific	Hawaii	\$79,739	\$81,317
NA17NOS4820082	Identifying Hotspots of Nitrogen Pollution in Saipan	American University	Academic	Pacific	CNMI	\$62,736	\$66,419
NA17NOS4820077	Assessing the Resilience of Leeward Maui Reefs to Help Design a Resilient Managed Area Network	The Nature Conservancy, Hawai'i Program	NGO	Pacific	Hawaii	\$77,631	\$77,631
NA17NOS4820073	Collaborative design of a network of marine managed areas to ensure sustainable and resilient coral reef ecosystems on Maui.	The Nature Conservancy	NGO	Pacific	Hawaii	\$79,405	\$79,405

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<b>International Coral Reef Conservation Cooperative Agreements</b>							
NA16NOS4820070	Consolidating MPA Management Capacity Building in the Wider Caribbean Region	Gulf and Caribbean Fisheries Institute	NGO	Wider Caribbean	Caribbean MPAs	\$173,622	\$174,615
NA16NOS4820071	Understanding the ecology and social perceptions of fisheries for the development of long-term education and enforcement strategies to support sustainable fisheries in Bahamas and Dominican Republic	Institute for Socio-ecological Research, Inc.	NGO	Wider Caribbean	Bahamas, Dominican Republic	\$65,342	\$65,344
NA16NOS4820069	Expanding science-to-management frameworks for coral reef ecosystems across Micronesia	Micronesia Conservation Trust	NGO	Micronesia	Palau, FSM, Marshall Isl.	\$300,000	\$300,000
<b>Other Competitive Awards</b>							
NA16NOS4820106	Promoting Local Action for Global Coral Reef Conservation: Supporting Effective Management of Coral Reefs through partnerships in priority U.S. Geographies	The Nature Conservancy, Regional	NGO	Domestic	Domestic	\$640,000	\$660,549
NA16NOS4820105	A Cooperative Agreement to Reduce Fishing Impacts and Effectively Conserve Coral Reefs in the Hawaiian Islands	Conservation International Foundation	NGO	Domestic	Domestic	\$59,985	\$59,554
NA14NOS4820143	National Fish and Wildlife Foundation--Coral Fund Competitive Grants	National Fish and Wildlife Foundation, Competitive Programs	Public-Private Partnership	Domestic & International	Domestic & International	\$323,525	\$323,525
						<b>\$8,181,741</b>	<b>\$4,512,723</b>

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<b>State and Territorial Coral Reef Conservation Cooperative Agreements</b>							
NA15NOS4820041	USVI Coral Reef Management and Monitoring	USVI DPNR, Division of Coastal Zone Management*	Territorial Government	Atlantic/Caribbean	U.S. Virgin Islands	\$580,000	\$229,465
NA15NOS4820127	Conservation Management and Monitoring of Puerto Rico's Coral Reefs FY15-16	Puerto Rico Department of Natural and Environmental Resources*	Commonwealth Government	Atlantic/Caribbean	Puerto Rico	\$422,431	\$131,784
NA15NOS4820036	Florida's FY15-16 Coral Reef Conservation Cooperative Agreement	Florida Department of Environmental Protection*	State Government	Atlantic/Caribbean	Florida	\$801,000	\$653,265
NA15NOS4820037	FY15-FY16 Hawaii Coral Reef Management Cooperative Agreement	Hawaii DLNR, Division of Aquatic Resources*	State Government	Pacific	Hawaii	\$717,000	\$580,700
NA15NOS4820040	CNMI's FY15-16 Coral Reef Conservation Cooperative Agreement	CNMI Division of Coastal Resources Management*	Commonwealth Government	Pacific	CNMI	\$417,376	\$50,200
NA15NOS4820039	Guam FY15-16 CRCP State and Territory Coral Reef Conservation Cooperative Agreement	Guam Bureau of Statistics and Plans, Coastal Management	Territorial Government	Pacific	Guam	\$371,178	\$16,793
NA15NOS4820038	American Samoa's FY15-16 Coral Reef Conservation Cooperative Agreement	American Samoa Department of Marine and Wildlife Resources*	Territorial Government	Pacific	American Samoa	\$512,405	\$18,930
<i>* At the recipient's request, a portion of the funds were held back for the All Islands Committee Secretariat and other specific tasks.</i>							
<b>Fishery Management Council Coral Reef Conservation Cooperative Agreements</b>							
NA14NMF4410150	FY11 Characterization of benthic habitat and associated coral reef communities at Tourmaline Reef, Puerto Rico	Caribbean Fishery Management Council	FMC	Atlantic/Caribbean	Puerto Rico, USVI	\$205,338	\$0
NA14NMF4410148	Coral Reef Conservation Program Fishery Management Council Coral Reef Conservation Agreements	Gulf of Mexico Fishery Management Council	FMC	Atlantic/Caribbean	Florida, Gulf of Mexico	\$192,357	\$0
NA14NMF4410149	South Atlantic Fishery Management Council Coral Reef Conservation Grant Program Proposal 2011	South Atlantic Fishery Management Council*	FMC	Atlantic/Caribbean	Florida	\$376,207	\$0
NA14NMF4410146	Coral Reef Conservation Program Fishery Management Council Coral Reef Conservation Agreements	Western Pacific Regional Fishery Management Council	FMC	Pacific	AS, HI, GU, CNMI	\$429,026	\$0
<i>* At the recipient's request, a portion of the funds were held back for specific work conducted by NOAA Principal Investigators.</i>							
<b>Domestic Coral Reef Conservation Grants</b>							
NA16NOS4820057	Outlook reporting to inform resilience-based management and raise climate vulnerability awareness in Guam and CNMI	Marine Applied Research Center	Small Business	Pacific	Guam and CNMI	\$74,800	\$79,750
NA16NOS4820061	Climate impact syntheses and ecological resilience assessments for the Flower Garden Banks National Marine Sanctuary	Marine Applied Research Center	Small Business	Atlantic/Caribbean	Flower Garden Banks	\$64,955	\$66,385
NA16NOS4820052	Assessing Freshwater Discharge Impacts on Coral Health and the implications for Water Resource Management in Southeast Florida	Florida Atlantic University	University	Atlantic/Caribbean	SE Florida	\$63,320	\$63,320
NA16NOS4820054	Mesophotic Coral Ecosystems: Refugia for Lionfish at Flower Garden Banks National Marine Sanctuary	University of Mississippi	University	Atlantic/Caribbean	Flower Garden Banks	\$80,000	\$80,000
NA16NOS4820059	Assessing how well reef resilience surveys predicted the response of West Hawai'i coral reefs to a mass bleaching event.	The Nature Conservancy	NGO	Pacific	West Hawai'i	\$61,525	\$61,525
NA16NOS4820053	Coral Reef and environmental health on Northwest Hawaii	Seattle Aquarium	NGO	Pacific	Northwest Hawai'i	\$31,628	\$59,000
NA16NOS4820060	Addressing Sewage Impacts to Coral Reefs from Cesspools in the Vatia Priority Watershed, American Samoa	Ridge to Reefs	NGO	Pacific	American Samoa	\$75,961	\$75,963
NA16NOS4820049	Shifting the Current: Implementing LID and Stream Restoration as Tools to Improve Nearshore Water Quality and Save Coral Reefs in West Maui	Coral Reef Alliance	NGO	Pacific	West Maui	\$50,000	\$96,883
NA16NOS4820056	Does Depth Confer Protection? An Assessment of Mesophotic Reefs in Hawai'i as Fishing and Climate Change Refugia	The Nature Conservancy	NGO	Pacific	Hawai'i	\$71,419	\$71,419
NA16NOS4820055	Improving ecosystem based fisheries management in the Mariana Islands	University of Guam	University	Pacific	Mariana Islands	\$67,778	\$0
NA16NOS4820062	Identifying disease resistant and thermal tolerant threatened coral genotypes	Nova Southeastern University	University	Atlantic/Caribbean	Florida Keys	\$50,356	\$50,590
NA16NOS4820058	Characterizing the microbiome of corals resilient to climate change and ocean acidification in St. John, US Virgin Islands	Mote Marine Laboratory	NGO	Atlantic/Caribbean	St. John, USVI	\$49,068	\$50,289
NA16NOS4820050	Quantifying corallivory by parrotfishes: species-specific preferences and impacts on threatened corals.	Cal Poly Corporation	University	Atlantic/Caribbean	St. Croix, USVI	\$76,776	\$77,794
NA16NOS4820051	Assessing socioeconomic impacts of climate change on Puerto Rico's coral reef fisheries through a participatory approach	University of New Haven	University	Atlantic/Caribbean	Puerto Rico	\$61,606	\$62,428
<b>International Coral</b>							
NA16NOS4820070	Consolidating MPA Management Capacity Building in the Wider Caribbean Region	Gulf and Caribbean Fisheries Institute	NGO	Wider Caribbean	Caribbean MPAs	\$334,626	\$253,194
NA16NOS4820071	Understanding the ecology and social perceptions of fisheries for the development of long-term education and enforcement strategies to support sustainable fisheries in Bahamas and Dominican Republic	Institute for Socio-ecological Research, Inc.	NGO	Wider Caribbean	Bahamas, Dominican Republic	\$88,186	\$23,775
NA16NOS4820069	Expanding science-to-management frameworks for coral reef ecosystems across Micronesia	Micronesia Conservation Trust	NGO	Micronesia	Palau, FSM, Marshall Isl.	\$300,000	\$300,000
<b>Other Competitive Awards</b>							
NA16NOS4820106	Promoting Local Action for Global Coral Reef Conservation: Supporting Effective Management of Coral Reefs through partnerships in priority U.S. Geographies	The Nature Conservancy, Regional	NGO	Domestic	Domestic	\$640,000	\$652,204

**NOAA Coral Reef Conservation Program, Financial Assistance Awards for Fiscal Year 2016**

NA16NOS4820105	A Cooperative Agreement to Reduce Fishing Impacts and Effectively Conserve Coral Reefs in the Hawaiian Islands	Conservation International Foundation	NGO	Domestic	Domestic	\$59,609	\$64,115
NA14NOS4820143	National Fish and Wildlife Foundation--Coral Fund Competitive Grants	National Fish and Wildlife Foundation, Competitive Programs	Public-Private Partnership	Domestic & International	Domestic & International	\$1,924,457	\$1,924,457
NA16NOS4820002	The 5th International Tropical Marine Ecosystem Management Symposium	International Coral Reef Initiative	NGO	International	Philippines	\$10,000	\$12,780
NA16NOS4820003	Support for the 13th International Coral Reef Symposium 2016	International Society for Reef Studies	NGO	International	Hawaii	\$50,000	\$50,000
						<b>\$9,310,388</b>	<b>\$5,857,008</b>

**NOAA Coral Reef Conservation Program, Financial Assistance Awards for Fiscal Year 2015**

Award Number	Project Title	Applicant	Applicant Type	Region	Location	Federal Funding	Matching Funds
<b>State and Territorial Coral Reef Conservation Cooperative Agreements</b>							
NA15NOS4820041	USVI Coral Reef Management and Monitoring	USVI DPNR, Division of Coastal Zone Management*	Territorial Government	Atlantic/Caribbean	U.S. Virgin Islands	\$580,000	\$227,714
NA15NOS4820127	Conservation Management and Monitoring of Puerto Rico's Coral Reefs FY15-16	Puerto Rico Department of Natural and Environmental Resources*	Commonwealth Government	Atlantic/Caribbean	Puerto Rico	\$232,500	\$139,699
NA15NOS4820036	Florida's FY15-16 Coral Reef Conservation Cooperative Agreement	Florida Department of Environmental Protection*	State Government	Atlantic/Caribbean	Florida	\$805,000	\$645,765
NA15NOS4820037	FY15-FY16 Hawaii Coral Reef Management Cooperative Agreement	Hawaii DLNR, Division of Aquatic Resources*	State Government	Pacific	Hawaii	\$770,000	\$735,000
NA15NOS4820040	CNMI's FY15-16 Coral Reef Conservation Cooperative Agreement	CNMI Division of Coastal Resources Management*	Commonwealth Government	Pacific	CNMI	\$500,000	\$50,200
NA15NOS4820039	Guam FY15-16 CRCP State and Territory Coral Reef Conservation Cooperative Agreement	Guam Bureau of Statistics and Plans, Coastal Management Program*	Territorial Government	Pacific	Guam	\$382,617	\$16,793
NA15NOS4820038	American Samoa's FY15-16 Coral Reef Conservation Cooperative Agreement	American Samoa Department of Marine and Wildlife Resources*	Territorial Government	Pacific	American Samoa	\$580,000	\$21,430
<i>* At the recipient's request, a portion of the funds were held back for the All Islands Committee Secretariat and other specific tasks.</i>							
<b>Fishery Management Council Coral Reef Conservation Cooperative Agreements</b>							
NA14NMF4410150	FY11 Characterization of benthic habitat and associated coral reef communities at Tourmaline Reef, Puerto Rico	Caribbean Fishery Management Council	FMC	Atlantic/Caribbean	Puerto Rico, USVI	\$162,831	\$0
NA14NMF4410148	Coral Reef Conservation Program Fishery Management Council Coral Reef Conservation Agreements	Gulf of Mexico Fishery Management Council	FMC	Atlantic/Caribbean	Florida, Gulf of Mexico	\$219,448	\$0
NA14NMF4410149	South Atlantic Fishery Management Council Coral Reef Conservation Grant Program Proposal 2011	South Atlantic Fishery Management Council*	FMC	Atlantic/Caribbean	Florida	\$367,972	\$0
NA14NMF4410146	Coral Reef Conservation Program Fishery Management Council Coral Reef Conservation Agreements	Western Pacific Regional Fishery Management Council	FMC	Pacific	AS, HI, GU, CNMI	\$485,838	\$0
<i>* At the recipient's request, a portion of the funds were held back for specific work conducted by NOAA Principal Investigators.</i>							
<b>Domestic Coral Reef Conservation Grants</b>							
NA15NOS4820071	Water quality impacts of St. Lucie river plume on northern end of the Florida Reef Tract	Florida Atlantic University	University	Atlantic/Caribbean	Florida	\$59,556	\$59,930
NA15NOS4820072	Expanding Conservation/Sediment Control Practices in Priority Farm Areas of the Guánica Bay Watershed	Protectores de Cuencas	NGO	Atlantic/Caribbean	Puerto Rico	\$75,400	\$75,400
NA15NOS4820073	Assessment of geological and geochemical proxies of sources of terrigenous sediment reaching reefs adjacent to the Guanica Bay watershed, southwest Puerto Rico	University of Puerto Rico, Caribbean Coral Reef Institute	University	Atlantic/Caribbean	Puerto Rico	\$74,906	\$86,643
NA15NOS4820074	Evaluating the impacts of increasing sponge cover on the recovery and resilience of Caribbean corals	University of the Virgin Islands	University	Atlantic/Caribbean	USVI	\$79,051	\$26,596
NA15NOS4820075	Habitat utilization and Ecology of Aquarium Fishes on Shallow and Mesophotic Reefs in Hawaii	Humboldt State University	University	Pacific	Hawaii	\$79,999	\$83,010
NA15NOS4820076	High resolution coral-based sedimentation records from developed and undeveloped watersheds on St. John, USVI	University of Massachusetts, Boston	University	Atlantic/Caribbean	USVI	\$78,294	\$78,564
NA15NOS4820077	Addressing Threats to Marine Ecosystems in Maui Nui Through Community-Led Coral Reef Management	The Nature Conservancy Hawaii	NGO	Pacific	Hawaii	\$79,175	\$103,300
NA15NOS4820078	Synergistic effects of climate change and sedimentation: can the reduction of a local stressor increase coral resilience to climate change?	Nova Southeastern University	University	Atlantic/Caribbean	Florida	\$74,308	\$76,973
NA15NOS4820079	Coral Nitrogen Isotopes as a Tracer for Historic Nutrient Loading	University of California, Santa Cruz	University	Pacific	Hawaii	\$65,748	\$66,588
NA15NOS4820080	Thermal acclimatization capacity in reef-building corals: assessing the climate change resilience of the corals of American Samoa	Old Dominion University	University	Pacific	American Samoa	\$60,000	\$60,000
NA15NOS4820081	Vulnerability assessment frameworks for Florida that combine maps of historic and projected future exposure to disturbances with resilience assessments	Marine Applied Research	NGO	Atlantic/Caribbean	Florida	\$61,743	\$66,330
NA15NOS4820082	Mesophotic Corals of American Samoa: Implications for ESA-listed corals	University of Hawaii	University	Pacific	American Samoa	\$52,019	\$52,055
NA15NOS4820083	Sediment Reduction Education and Outreach in Coral Bay, St. John, U.S. Virgin Islands	Coral Bay Community Council	NGO	Atlantic/Caribbean	USVI	\$58,110	\$30,621
NA15NOS4820084	Resource Inventory, Resilience, and Historical Change of Reef Flat Communities Within the Manell-Geus Watershed, Guam's Habitat Focus Area	University of Guam	University	Pacific	Guam	\$59,256	\$16,500
NA15NOS4820209	Socio-economic assessment of marine water quality threats in West Maui and Kona, Hawaii	University of Hawaii	University	Pacific	Hawaii	\$79,994	\$81,033
<b>International Coral Reef Conservation Cooperative Agreements</b>							
NA14NOS4820020	Building MPA Management Capacity and Coral Reef Resilience in the Caribbean's Mesoamerican Reef Region	Gulf and Caribbean Fisheries Institute	NGO	Wider Caribbean	Caribbean MPAs	\$147,223	\$149,526
NA14NOS4820021	Enhancing sustainable coral reef monitoring and management capacity for the Micronesia Challenge, and Beyond	Micronesia Conservation Trust	NGO	Micronesia	Palau, FSM, Marshall Isl.	\$300,000	\$300,000
<b>Other Competitive Awards</b>							
NA15NOS4820097	Building Capacity for Coral Reef Resource Management in Hawaii, the Commonwealth of the Northern Mariana Islands, Guam, American Samoa, Florida, Puerto Rico and the US Virgin Islands	The Nature Conservancy, Regional	NGO	Domestic	Domestic	\$560,000	\$582,580
NA15NOS4820098	Supporting US Virgin Islands' government initiatives within the US Virgin Islands and collaborations throughout the Caribbean to improve the effective management of coral reefs	The Nature Conservancy, USVI	NGO	Domestic	Domestic	\$59,262	\$59,262
NA15NOS4820099	A Cooperative Agreement to Reduct Fishing Impacts and Effectively Conserve Coral Reefs in the Hawaiian Islands	Conservation International Hawaii	NGO	Domestic	Domestic	\$70,000	\$70,947
NA15NMF4630249	Contribution to Northeast Puerto Rico Reserves and Culebra Habitat Focus Area Competition	Protectores de Cuencas	NGO	Domestic	Puerto Rico	\$20,000	\$20,000
NA14NOS4820143	National Fish and Wildlife Foundation--Coral Fund Competitive Grants	National Fish and Wildlife Foundation, Competitive Programs	Public-Private Partnership	Domestic & International	Domestic & International	\$1,176,400	\$1,176,400
						<b>\$8,456,650</b>	<b>\$5,158,859</b>

**NOAA Coral Reef Conservation Program, Financial Assistance Awards for Fiscal Year 2014**

Award Number	Project Title	Applicant	Applicant Type	Region	Location	Federal Funding	Matching Funds
<b>State and Territorial Coral Reef Conservation Cooperative Agreements</b>							
NA13NOS4820011	USVI Coral Reef Management and Monitoring	USVI DPNR, Division of Coastal Zone Management*	Territorial Government	Atlantic/Caribbean	U.S. Virgin Islands	\$589,183	\$118,838
NA13NOS4820009	Conservation Management and Monitoring of Puerto Rico's Coral Reefs FY13-14	Puerto Rico Department of Natural and Environmental Resources*	Comonwealth Government	Atlantic/Caribbean	Puerto Rico	\$450,194	\$187,727
NA13NOS4820015	Florida's FY13-14 Coral Reef Conservation Cooperative Agreement	Florida Department of Environmental Protection*	State Government	Atlantic/Caribbean	Florida	\$659,431	\$659,383
NA13NOS4820014	FY13-FY14 Hawaii Coral Reef Management Cooperative Agreement	Hawaii DLNR, Division of Aquatic Resources*	State Government	Pacific	Hawaii	\$683,717	\$474,274
NA13NOS4820010	CNMI's FY13-14 Coral Reef Conservation Cooperative Agreement	CNMI Division of Environmental Quality*	Comonwealth Government	Pacific	CNMI	\$531,068	\$65,600
NA13NOS4820012	Guam FY13-14 CRCP State and Territory Coral Reef Conservation Cooperative Agreement	Guam Bureau of Statistics and Plans, Coastal Management Program*	Territorial Government	Pacific	Guam	\$377,959	\$0
NA13NOS4820013	American Samoa's FY13-14 Coral Reef Conservation Cooperative Agreement	American Samoa Department of Marine and Wildlife Resources*	Territorial Government	Pacific	American Samoa	\$312,726	\$17,730
<i>* At the recipient's request, a portion of the funds were held back for the All Islands Committee Secretariat and other specific tasks.</i>							
<b>Fishery Management Council Coral Reef Conservation Cooperative Agreements</b>							
NA14NMF4410150	FY11 Characterization of benthic habitat and associated coral reef communities at Tourmaline Reef, Puerto Rico	Caribbean Fishery Management Council	FMC	Atlantic/Caribbean	Puerto Rico, USVI	\$150,934	\$0
NA14NMF4410148	Coral Reef Conservation Program Fishery Management Council Coral Reef Conservation Agreements	Gulf of Mexico Fishery Management Council	FMC	Atlantic/Caribbean	Florida, Gulf of Mexico	\$198,925	\$0
NA14NMF4410149	South Atlantic Fishery Management Council Coral Reef Conservation Grant Program Proposal 2011	South Atlantic Fishery Management Council*	FMC	Atlantic/Caribbean	Florida	\$369,373	\$0
NA14NMF4410146	Coral Reef Conservation Program Fishery Management Council Coral Reef Conservation Agreements	Western Pacific Regional Fishery Management Council	FMC	Pacific	AS, HI, GU, CNMI	\$442,000	\$0
<i>* At the recipient's request, a portion of the funds were held back for specific work conducted by NOAA Principal Investigators.</i>							
<b>Domestic Coral Reef Conservation Grants</b>							
NA14NOS4820093	Developing coral restoration best practices in the face of climate change	Stanford University Hopkins Marine Station	University	American Samoa	Ofu & Olosega Islands	\$51,060	\$55,768
NA14NOS4820094	Minding the "CAP": Leveraging Tourism Relationships to Implement Conservation Action Plan Priorities that Reduce Coastal Pollution and Promote Coral Reef Health in W. Hawai'i	Coral Reef Alliance	NGO	Hawai'i Island	Hawai'i Island	\$58,410	\$78,800
NA14NOS4820098	Identifying indicators and thresholds for reef resilience in the Hawaiian Archipelago	University of Hawai'i	University	Hawai'i	Hawaiian Archipelago	\$55,013	\$62,055
NA14NOS4820090	Evaluating the mechanisms that drive nutrient-induced coral disease and bleaching	Oregon State University	University	Florida	Key Largo	\$77,658	\$77,658
NA14NOS4820083	Habitat characterization and vulnerability assessment of coral and sponge reefs in the northeastern Gulf of Mexico	Florida State University	University	Florida	NE Gulf of Mexico	\$62,660	\$64,385
NA14NOS4820089	Evaluating management effectiveness for land-based sources of pollutants	University of Hawaii Manoa	University	Hawai'i	West Maui	\$79,716	\$80,466
NA14NOS4820085	Improving the conservation value of staghorn nurseries	Pennsylvania State University	University	Florida	Florida	\$68,999	\$56,238
NA14NOS4820097	Assessment of the impact of watershed restoration on marine sediment dynamics in the USVI	University of San Diego	University	USVI	St. John	\$56,936	\$56,936
NA14NOS4820087	Spatial distribution and effects of sewage on Pūako's (Hawai'i) coral reefs	University of Hawai'i at Hilo	University	Hawai'i	Hawai'i Island	\$79,788	\$79,977
NA14NOS4820084	The efficacy of long-term management for invasive lionfish on coral reefs	REEF	NGO	Florida	SE Florida	\$77,000	\$185,170
NA14NOS4820092	Predictive modeling of mesophotic reef ecosystems across the Hawaiian Archipelago	University of Hawai'i at Mānoa	University	Hawai'i	Hawaiian Archipelago	\$49,484	\$49,484
NA14NOS4820096	Quantifying herbivory on coral reefs: developing a metric for management and conservation	Florida International University	University	Florida	Florida Keys	\$73,341	\$103,038
NA14NOS4820091	MESOPHOTIC REEFS: The Future of Shallow Reefs May Lie Deeper than Expected	Nova Southeastern University	University	USVI	St. Thomas	\$34,548	\$36,076
NA14NOS4820095	Engaging Multiple Sectors in Collaboration and Research to Improve Management of Coral Reef Fisheries Species in West Hawai'i	The Nature Conservancy	NGO	Hawai'i	Hawai'i Island	\$80,000	\$80,000
NA14NOS4820086	Assessing LBSP and Restoring Reefs through coral farming in Culebra, Puerto Rico	Protectores de Cuencas	NGO	Puerto Rico	Culebra, PR	\$69,704	\$70,000
<b>International Coral Reef Conservation Cooperative Agreements</b>							
NA14NOS4820020	Building MPA Management Capacity and Coral Reef Resilience in the Caribbean's Mesoamerican Reef Region	Gulf and Caribbean Fisheries Institute	NGO	Wider Caribbean	Caribbean MPAs	\$149,450	\$149,950
NA14NOS4820021	Enhancing sustainable coral reef monitoring and management capacity for the Micronesia Challenge, and Beyond	Micronesia Conservation Trust	NGO	Micronesia	Palau, Marshall Isl. & FSM	\$300,000	\$300,000
<b>Other Competitive Awards</b>							
NA13NOS4820145	Addressing Threats to Coral Reefs by Supporting and Building the Capacity of Local Managers and Communities	The Nature Conservancy	NGO	Domestic & Internat'l	Domestic & Internat'l	\$731,718	\$728,670
NA14NOS4820143	National Fish and Wildlife Foundation--Coral Fund Competitive Grants	National Fish and Wildlife Foundation, Competitive Programs	Public-Private Partnership	Domestic & Internat'l	Domestic & Internat'l	\$840,551	\$840,551

**\$7,761,546      \$4,678,774**

NOAA Coral Reef Conservation Program, Financial Assistance Awards for Fiscal Year 2013

Award Number	Project Title	Applicant	Applicant Type	Region	Location	Federal Funding	Matching Funds
<b>State and Territorial Coral Reef Conservation Cooperative Agreements</b>							
NA13NOS4820011	USVI Coral Reef Management and Monitoring	USVI DPNR, Division of Coastal Zone Management	Territorial Government	Atlantic/Caribbean	U.S. Virgin Islands	\$493,747	\$128,838
NA13NOS4820009	Conservation Management and Monitoring of Puerto Rico's Coral Reefs FY13-14	Puerto Rico Department of Natural and Environmental Resources	Commonwealth Government	Atlantic/Caribbean	Puerto Rico	\$434,909	\$397,287
NA13NOS4820015	Florida's FY13-14 Coral Reef Conservation Cooperative Agreement	Florida Department of Environmental Protection	State Government	Atlantic/Caribbean	Florida	\$710,171	\$659,383
NA13NOS4820014	FY13-FY14 Hawaii Coral Reef Management Cooperative Agreement	Hawaii DLNR, Division of Aquatic Resources	State Government	Pacific	Hawaii	\$686,976	\$513,093
NA13NOS4820010	CNMI's FY13-14 Coral Reef Conservation Cooperative Agreement	CNMI Division of Environmental Quality	Commonwealth Government	Pacific	CNMI	\$590,943	\$65,600
NA13NOS4820012	Guam FY13-14 CRCP State and Territory Coral Reef Conservation Cooperative Agreement	Guam Bureau of Statistics and Plans, Coastal Management Program	Territorial Government	Pacific	Guam	\$580,573	\$85,600
NA13NOS4820013	American Samoa's FY13-14 Coral Reef Conservation Cooperative Agreement	American Samoa Department of Commerce	Territorial Government	Pacific	American Samoa	\$533,855	\$34,430
<i>* At the recipient's request, a portion of the funds were held back for the All Islands Committee Secretariat and other specific tasks.</i>							
<b>Fishery Management Council Coral Reef Conservation Cooperative Agreements</b>							
NA11NMF4410064	FY11 Characterization of benthic habitat and associated coral reef communities at Tourmaline Reef, Puerto Rico	Caribbean Fishery Management Council	FMC	Atlantic/Caribbean	Puerto Rico, USVI	\$250,000	\$0
NA11NMF4410063	Coral Reef Conservation Program Fishery Management Council Coral Reef Conservation Agreements	Gulf of Mexico Fishery Management Council	FMC	Atlantic/Caribbean	Florida, Gulf of Mexico	\$331,059	\$0
NA11NMF4410061	South Atlantic Fishery Management Council Coral Reef Conservation Grant Program Proposal 2011	South Atlantic Fishery Management Council	FMC	Atlantic/Caribbean	Florida	\$354,746	\$0
NA11NMF4410062	Coral Reef Conservation Program Fishery Management Council Coral Reef Conservation Agreements	Western Pacific Regional Fishery Management Council	FMC	Pacific	AS, HI, GU, CNMI	\$329,000	\$0
<i>* At the recipient's request, a portion of the funds were held back for specific work conducted by NOAA Principal Investigators.</i>							
<b>Domestic Coral Reef Conservation Grants</b>							
NA13NOS4820018	Mapping Coral Thermal "Toughness" Across American Samoa -- Building SCLERA: the "Samoan Coral Local Environmental Resistance Atlas"	University of Hawaii	University	Pacific	American Samoa	\$56,744	\$56,744
NA13NOS4820022	The Catch and Release Program: Achieving Fisheries Management Through Education	Key Marine Consulting, Inc	Business	Atlantic/Caribbean	Florida	\$30,000	\$9,532
NA13NOS4820028	Assessing the Long-Term Effects of Experimental Removal of Roi (Cephalopholis argus), an Introduced Invasive Species, from Hawai'i Coral Reefs	The Nature Conservancy	NGO	Pacific	Hawaii	\$42,486	\$42,511
NA13NOS4820023	Do increased nutrients increase the vulnerability of reef corals to climate change? A field and experimental study in the Florida Keys using novel genetic tools.	University of Miami	University	Atlantic/Caribbean	Florida	\$58,110	\$58,110
NA13NOS4820016	Digital Deck U.S. Virgin Islands: Pilot Electronic Trip Ticket System to Enhance Commercial Fisher Catch Reporting System in Support of Caribbean Reef Fishery Management	Ecotrust	NGO	Atlantic/Caribbean	U.S. Virgin Islands	\$75,810	\$100,000
NA13NOS4820021	Assessment of the impact of watershed restoration on marine sediment dynamics in the USVI	University of San Diego	University	Atlantic/Caribbean	U.S. Virgin Islands	\$65,393	\$65,393
NA13NOS4820024	Training the next generation in protected species assessment and management using geospatial technology	University of Hawaii	University	Pacific	Hawaii	\$31,566	\$35,102
NA13NOS4820020	Hawaiian coral reef and coastal ecosystem services trade-off tool	University of Hawai'i-Mānoa	University	Pacific	Hawaii	\$68,552	\$70,985
NA13NOS4820019	Translating Science: Ensuring Opportunities for Practical and Timely Utilization of Recent Scientific Information by Stakeholders in the CNMI	Pacific Marine Resources Institute, Inc.	NGO	Pacific	CNMI	\$42,696	\$47,100
NA13NOS4820029	Functional genetic diversity and capacity for adaptation in Acropora palmata	The Pennsylvania State University	University	Atlantic/Caribbean	Florida, Puerto Rico, USVI	\$68,042	\$39,438
NA13NOS4820026	Ecology and Fishing Impacts on Aquarium Fishes on Mesophotic Reefs in Hawaii	Washington State University-Vancouver	University	Pacific	Hawaii	\$79,870	\$79,983
NA13NOS4820030	Engaging West Maui Stakeholders and Decision-Makers in Watershed Stewardship Action	Coral Reef Alliance	NGO	Pacific	Hawaii	\$42,000	\$67,524
NA13NOS4820027	Identifying protected area boundaries for snapper spawning aggregations: supporting sustainable fisheries in the Caribbean	University of the Virgin Islands	University	Atlantic/Caribbean	U.S. Virgin Islands	\$60,495	\$25,858
NA13NOS4820017	Occupation dynamics and impacts of damselfish territoriality and gardening activities on recovering populations of the threatened staghorn coral Acropora cervicornis	University of Miami	University	Atlantic/Caribbean	Florida	\$34,111	\$34,115
NA13NOS4820025	Sediment accumulation and composition on coral reefs in Faga'alu Bay, American Samoa	San Diego State University Foundation	University	Pacific	American Samoa	\$55,119	\$57,617
<b>International Coral Reef Conservation Cooperative Agreements</b>							
NA12NOS4820128	Two Samoas Environmental Collaboration	Ministry of Natural Resources and Environment of Samoa	Government	Pacific	Samoa	\$28,000	\$13,100
NA12NOS4820126	Implementing Management Capacity Building in the Mesoamerican Reef MPA Community	Gulf and Caribbean Fisheries Institute	NGO	Atlantic/Caribbean	Caribbean	\$149,942	\$149,995

NOAA Coral Reef Conservation Program, Financial Assistance Awards for Fiscal Year 2013

NA11NOS4820011	Building coral reef monitoring and management capacity for the Micronesia Challenge and beyond	Micronesia Conservation Trust	NGO	Micronesia	Micronesia	\$300,000	\$308,009
<b>Other Competitive Awards</b>							
NA13NOS4820145	Addressing Threats to Coral Reefs by Supporting and Building the Capacity of Local Managers and Communities	The Nature Conservancy	NGO	Domestic & Internat'l	Domestic & Internat'l	\$721,516	\$724,564
NA10NOS4630131	National Fish and Wildlife Foundation-- Coral Fund Competitive Grants	National Fish and Wildlife Foundation	Public-Private Partnership	Domestic & Internat'l	Domestic & Internat'l	\$545,000	\$545,000
NA10NOS4630131	National Fish and Wildlife Foundation--USCRTFPI Watershed Grants	National Fish and Wildlife Foundation	Public-Private Partnership	Domestic	PR, HI, AS	\$23,000	\$23,000
NA10NOS4630131	National Fish and Wildlife Foundation--Other Competitive Awards	National Fish and Wildlife Foundation	Public-Private Partnership	Domestic	Domestic & Internat'l	\$223,979	\$390,074
						<b>\$8,098,409</b>	<b>\$4,827,984</b>

## NOAA Coral Reef Conservation Program, Financial Assistance Awards for Fiscal Year 2012

Award Number	Project Title	Applicant	Applicant Type	Region	Location	Federal Funding	Matching Funds
<b>State and Territorial Coral Reef Conservation Cooperative Agreements</b>							
NA11NOS4820004	Implementation of the USVI Coral Reef Initiative	USVI DPNR, Division of Coastal Zone Management *	Territorial Government	Atlantic/Caribbean	U.S. Virgin Islands	\$635,064	\$116,781
NA11NOS4820005	Conservation Management and Monitoring of Puerto Rico's Coral Reefs FY11-12	Puerto Rico Department of Natural and Environmental Resources *	Commonwealth Government	Atlantic/Caribbean	Puerto Rico	\$447,648	\$159,710
NA11NOS4820003	Florida's FY11-12 Coral Reef Conservation Cooperative Agreement	Florida Department of Environmental Protection *	State Government	Atlantic/Caribbean	Florida	\$667,884	\$602,239
NA11NOS4820006	Hawaii's FY11-12 Coral Reef Conservation Cooperative Agreement	Hawaii DLNR, Division of Aquatic Resources *	State Government	Pacific	Hawaii	\$676,784	\$267,869
NA11NOS4820009	CNMI's FY11-12 Coral Reef Conservation Cooperative Agreement	CNMI Division of Environmental Quality *	Commonwealth Government	Pacific	CNMI	\$580,174	\$65,000
NA11NOS4820007	CRIGU12: FY11-12 CRCP State and Territory Coral Reef Conservation Cooperative Agreement	Guam Bureau of Statistics and Plans, Coastal Management Program *	Territorial Government	Pacific	Guam	\$580,573	\$22,145
NA11NOS4820008	American Samoa's FY11-12 Coral Reef Conservation Cooperative Agreement	American Samoa Department of Commerce *	Territorial Government	Pacific	American Samoa	\$484,259	\$37,709
<i>* At the recipient's request, a portion of the funds were held back for the All Islands Committee Secretariat and other specific tasks.</i>							
<b>Fishery Management Council Coral Reef Conservation Cooperative Agreements</b>							
NA11NMF4410064	FY11 Characterization of benthic habitat and associated coral reef communities at Tourmaline Reef, Puerto Rico	Caribbean Fishery Management Council	FMC	Atlantic/Caribbean	Puerto Rico, USVI	\$237,451	\$0
NA11NMF4410063	Coral Reef Conservation Program Fishery Management Council Coral Reef Conservation Agreements	Gulf of Mexico Fishery Management Council *	FMC	Atlantic/Caribbean	Florida, Gulf of Mexico	\$330,227	\$0
NA11NMF4410061	South Atlantic Fishery Management Council Coral Reef Conservation Grant Program Proposal 2011	South Atlantic Fishery Management Council *	FMC	Atlantic/Caribbean	Florida	\$354,749	\$0
NA11NMF4410062	Coral Reef Conservation Program Fishery Management Council Coral Reef Conservation Agreements	Western Pacific Regional Fishery Management Council	FMC	Pacific	AS, HI, GU, CNMI	\$351,000	\$0
<i>* At the recipient's request, a portion of the funds were held back for specific work conducted by NOAA Principal Investigators.</i>							
<b>Domestic Coral Reef Conservation Grants</b>							
NA12NOS4820067	The Catch and Release Program: Achieving Fisheries Management Through Education	Key Marine Consulting, Inc.	Small Business	Atlantic/Caribbean	Florida	\$21,000	\$25,252
NA12NOS4820068	Post-mitigation monitoring to determine the impact of watershed erosion control on LBSP to coral reefs, USVI	University of San Diego	University	Atlantic/Caribbean	USVI	\$75,000	\$75,000
NA12NOS4820069	Setting and evaluating ecological targets for invasive lionfish control	REEF	NGO	Atlantic/Caribbean	Florida	\$90,000	\$117,630
NA12NOS4820070	Step two in the rapid response investigation of an outbreak of acute Montipora white syndrome in Hawaii: outbreak impacts and disease etiology and pathogenesis	University of Hawai'i	University	Pacific	Oahu, Hawaii	\$62,000	\$62,000
NA12NOS4820071	Measuring the degree of connectivity between remnant staghorn patches at risk of anthropogenic impacts	University of Guam	University	Pacific	Guam	\$74,880	\$0
NA12NOS4820072	Baseline Condition of the Reef Fish Assemblage and Fishery Harvest Prior to Establishment of a Community-initiated Marine Managed Area at Keikeyes, Hawaii	The Nature Conservancy-Hawaii	NGO	Pacific	Hawaii	\$89,999	\$90,754
NA12NOS4820073	Towards predicting coral disease patterns: quantifying coral responses to disease in the US Virgin Islands	University of the Virgin Islands	University	Atlantic/Caribbean	USVI	\$75,000	\$9,120
<b>International Coral Reef Conservation Cooperative Agreements</b>							
NA12NOS4820128	Two Samoas Environmental Collaboration	Ministry of Natural Resources and Environment of Samoa	Government	Pacific	Samoa	\$28,000	\$0
NA12NOS4820126	Implementing Management Capacity Building in the Mesoamerican Reef MPA Community	Gulf and Caribbean Fisheries Institute	NGO	Atlantic/Caribbean	Caribbean	\$149,972	\$149,995
NA11NOS4820011	Building coral reef monitoring and management capacity for the Micronesia Challenge and beyond	Micronesia Conservation Trust	NGO	Micronesia	Micronesia	\$300,000	\$300,000
<b>Other Competitive Awards</b>							
NA09NOS4190173	Addressing Global Threats at Local Scales in Coral Reef Communities	The Nature Conservancy	NGO	Domestic & Internat'l	Domestic & Internat'l	\$997,000	\$774,966
NA10NOS4190074	Coral Reefs: Communicating Their Value; Safeguarding Their Future	SeaWeb	NGO	Domestic	Domestic	\$170,000	\$170,000
NA10NOS4630131	National Fish and Wildlife Foundation-- Coral Fund Competitive Grants	National Fish and Wildlife Foundation	Public-Private Partnership	Domestic & Internat'l	Domestic & Internat'l	\$466,817	\$466,817
NA10NOS4630131	National Fish and Wildlife Foundation--USCRTFPI Watershed Grants	National Fish and Wildlife Foundation	Public-Private Partnership	Domestic	PR, HI, AS	\$49,438	\$49,438
<b>Coral Reef Institutes</b>							
NA12NOS4260150	Hawaii Coral Reef Initiative	University of Hawaii	Univ	Pacific	Hawaii	\$100,000	\$0
NA12NOS4260144	National Coral Reef Institute	Nova Southeastern Univ	Univ	Atlantic/Caribbean	Florida	\$315,000	\$0
NA12NOS4260146	Caribbean Coral Reef Institute	University of Puerto Rico, Mayaguez	Univ	Atlantic/Caribbean	Puerto Rico	\$133,640	\$0
NA12NOS4260149	Western Pacific Coral Reef Institute	University of Guam	Univ	Pacific	Guam/Micronesia	\$100,000	\$0

**\$8,643,559      \$3,562,425**

**NOAA Coral Reef Conservation Program, Financial Assistance Awards for Fiscal Year 2011**

Award Number	Project Title	Applicant	Applicant Type	Region	Location	Federal Funding	Matching Funds
<b>State and Territorial Coral Reef Conservation Cooperative Agreements</b>							
NA11NOS4820004	Implementation of the USVI Coral Reef Initiative	USVI Department of Planning and Natural Resources, Division of Coastal Zone Management *	Territorial Government	Atlantic/Caribbean	U.S. Virgin Islands	\$613,418	\$116,781
NA11NOS4820005	Conservation Management and Monitoring of Puerto Rico's Coral Reefs FY11-12	Puerto Rico Department of Natural and Environmental Resources *	Comonwealth Government	Atlantic/Caribbean	Puerto Rico	\$397,148	\$152,210
NA11NOS4820003	Florida's FY11-12 Coral Reef Conservation Cooperative Agreement	Florida Department of Environmental Protection *	State Government	Atlantic/Caribbean	Florida	\$647,884	\$602,239
NA11NOS4820006	Hawaii's FY11-12 Coral Reef Conservation Cooperative Agreement	Hawaii Department of Land and Natural Resources, Division of Aquatic Resources *	State Government	Pacific	Hawaii	\$700,000	\$290,884
NA11NOS4820009	CNMI's FY11-12 Coral Reef Conservation Cooperative Agreement	Commonwealth of the Northern Mariana Islands, Division of Environmental Quality *	Comonwealth Government	Pacific	CNMI	\$550,713	\$65,000
NA11NOS4820007	CRIGU12: FY11-12 CRCP State and Territory Coral Reef Conservation Cooperative Agreement	Guam Bureau of Statistics and Plans, Coastal Management Program *	Territorial Government	Pacific	Guam	\$592,067	\$0
NA11NOS4820008	American Samoa's FY11-12 Coral Reef Conservation Cooperative Agreement	American Samoa Department of Commerce *	Territorial Government	Pacific	American Samoa	\$592,056	\$34,676
<i>* At the recipient's request, a portion of the funds were held back for the All Islands Committee Secretariat and other specific tasks.</i>							
<b>Fishery Management Council Coral Reef Conservation Cooperative Agreements</b>							
NA11NMF4410064	FY11 Characterization of benthic habitat and associated coral reef communities at Tourmaline Reef, Puerto Rico	Caribbean Fishery Management Council	FMC	Atlantic/Caribbean	Puerto Rico, USVI	\$173,775	\$0
NA11NMF4410063	Coral Reef Conservation Program Fishery Management Council Coral Reef Conservation Agreements	Gulf of Mexico Fishery Management Council *	FMC	Atlantic/Caribbean	Florida, Gulf of Mexico	\$300,158	\$0
NA11NMF4410061	South Atlantic Fishery Management Council Coral Reef Conservation Grant Program Proposal 2011	South Atlantic Fishery Management Council *	FMC	Atlantic/Caribbean	Florida	\$348,716	\$0
NA11NMF4410062	Coral Reef Conservation Program Fishery Management Council Coral Reef Conservation Agreements	Western Pacific Regional Fishery Management Council	FMC	Pacific	AmSamoa, Hawaii, Guam, CNMI	\$185,000	\$0
<i>* At the recipient's request, a portion of the funds were held back for specific work conducted by NOAA Principal Investigators.</i>							
<b>Domestic Coral Reef Conservation Grants</b>							
NA11NOS4820013	Effects of venting, decompression and the supply chain on coral reef fish in the aquarium trade in Hawaii	Washington State University	Univ	Pacific	Hawaii	\$90,000	\$92,697
NA11NOS4820014	Effects of watershed erosion control on land based sources of pollution to coral reefs in CRCP Priority Sites	University of San Diego	Univ	Atlantic/Caribbean	U.S. Virgin Islands	\$94,844	\$94,933
NA11NOS4820015	Enhancing coral reef monitoring programs, data analysis, and reporting in Guam and the CNMI	PMRI	NGO	Pacific	Guam, CNMI	\$49,990	\$50,090
NA11NOS4820016	Implementing Green Infrastructure Plan for La Parguera	Interamerican U. of Puerto Rico	Univ	Atlantic/Caribbean	Puerto Rico	\$90,000	\$90,000
NA11NOS4820017	Impacts of land-based sources of pollution on two Caribbean coral species	Nova Southeastern Univ	Univ	Atlantic/Caribbean	Florida	\$80,000	\$80,000
NA11NOS4820018	Pathogenesis associated morbidity and potential control of Acropora growth anomalies in Vatia, American Samoa	University of Hawaii	Univ	Pacific	American Samoa	\$62,008	\$62,388
<b>International Coral Reef Conservation Cooperative Agreements</b>							
NA11NOS4820011	Building sustainable coral reef monitoring and management capacity for the Micronesia Challenge and Beyond	Micronesia Conservation Trust	NGO	Micronesia	Micronesia	\$460,000	\$460,000
NA11NOS4820012	Engaging stakeholders to develop adaptive capacity for MPA governance in the eastern Caribbean in a changing climate	University of West Indies-CERMES	Univ	Caribbean	Caribbean	\$115,000	\$115,000
NA11NOS4820010	Samoa's Secretariat Coordinator, Capacity Building and Exchange with American Samoa	Gov't of Samoa, Ministry of Agriculture and Fisheries	Foreign Gov't	Samoa and SW Pacific	Samoa and SW Pacific	\$80,000	\$80,000
<b>Other Competitive Awards</b>							
NA09NOS4190173	Addressing Global Threats at Local Scales in Coral Reef Communities	The Nature Conservancy	NGO	Domestic & Internat'l	Domestic & Internat'l	\$1,000,000	\$951,410
NA10NOS4190074	Coral Reefs: Communicating Their Value; Safeguarding Their Future	SeaWeb	NGO	Domestic	Domestic	\$205,000	\$210,000
NA10NOS4630131	National Fish and Wildlife Foundation-- Coral Fund Competitive Grants	National Fish and Wildlife Foundation	Public-Private Partnership	Domestic & Internat'l	Domestic & Internat'l	\$532,760	\$532,760
NA10NOS4630131	National Fish and Wildlife Foundation--USCRTFPI Watershed Grants	National Fish and Wildlife Foundation	Public-Private Partnership	Domestic	Puerto Rico and/or Hawaii	\$100,000	\$0
<b>Coral Reef Institutes</b>							
NA11NOS4260182	Hawaii Coral Reef Initiative, Phase 3	University of Hawaii	Univ	Pacific	Hawaii	\$100,000	\$0
NA11NOS4260183	National Coral Reef Institute	Nova Southeastern Univ	Univ	Atlantic/Caribbean	Florida	\$110,000	\$0
NA11NOS4260184	Caribbean Coral Reef Institute	University of Puerto Rico, Mayaguez	Univ	Atlantic/Caribbean	Puerto Rico	\$115,000	\$0
NA11NOS4260185	Western Pacific Coral Reef Institute	University of Guam	Univ	Pacific	Guam/ Micronesia	\$100,000	\$0
						<b>\$8,485,537</b>	<b>\$4,081,068</b>

Award Number	Project Title	Applicant	Applicant Type	Region	Location	Federal Funding	Matching Funds
<b>Coral Reef Management Cooperative Agreements</b>							
NA10NOS4190061	Marine Park Management and Local Action Strategy Implementation in the U.S. Virgin Islands	USVI Department of Planning and Natural Resources, Division of Coastal Zone Management	Territorial Government	Atlantic/Caribbean	U.S. Virgin Islands	\$472,750	\$100,134
NA10NOS4190062	2010 State of Hawaii Coral Reef Management	Hawaii Department of Land and Natural Resources, Division of Aquatic Resources	State Government	Pacific	Hawaii	\$636,121	\$213,588
NA10NOS4190064	Conservation and Management of Puerto Rico's Coral Reefs 2010	Puerto Rico Department of Natural and Environmental Resources	Comonwealth Government	Atlantic/Caribbean	Puerto Rico	\$237,980	\$141,320
NA10NOS4190060	2010 Florida Coral Reef Conservation Program Grant	Florida Department of Environmental Protection	State Government	Atlantic/Caribbean	Florida	\$479,768	\$420,994
<i>Dept. of Interior</i>	CNMI 2010-2011 Coordination of the CNMI Coral Reef Initiative Program and Implementation of Local Action Strategies	Commonwealth of the Northern Mariana Islands, Division of Environmental Quality	Comonwealth Government	Pacific	CNMI	\$533,500	\$0
<i>Dept. of Interior</i>	Guam Coral Reef Initiative 2010-2011	Guam Bureau of Statistics and Plans, Coastal Management Program	Territorial Government	Pacific	Guam	\$453,890	\$28,656
<i>Dept. of Interior</i>	FY10 Coral Reef Management Grant Proposal to the Dept of Interior and NOAA from the American Samoa Government via the Governor's Coral Reef Advisory Group	American Samoa Department of Commerce	Territorial Government	Pacific	American Samoa	\$376,236	\$0
<b>Coral Reef Ecosystem Monitoring Cooperative Agreements</b>							
NA10NOS4260047	Monitoring of Coral Reefs in the U.S. Virgin Islands	USVI Department of Planning and Natural Resources, Division of Coastal Zone Management	Territorial Government	Atlantic/Caribbean	US Virgin Islands	\$117,000	\$0
NA10NOS4260046	Comprehensive Long-Term Monitoring at Permanent Sites in Guam	Guam Bureau of Statistics & Plans, Coastal Management Program	Territorial Government	Pacific	Guam	\$117,000	\$0
NA10NOS4260051	Monitoring of Coral Reef Communities from Natural Reserves in Puerto Rico, 2010-2013	Puerto Rico Department of Natural and Environmental Resources	Comonwealth Government	Atlantic/Caribbean	Puerto Rico	\$130,000	\$0
NA09NOS4260099	CNMI Coral Reef Ecosystems Monitoring Program, FY09 through FY11	Commonwealth of the Northern Mariana Islands Coastal Resources Management Office (CRMO)	Comonwealth Government	Pacific	CNMI	\$129,998	\$0
NA08NOS4260327	Florida Coral Reef Monitoring Program	Florida Department of Environmental Protection	State Government	Atlantic/Caribbean	Florida	\$130,000	\$130,000
NA09NOS4260100	State of Hawaii Coral Reef Monitoring Program	State of Hawaii Department of Land and Natural Resources Division of Aquatic Resources	State Government	Pacific	Hawaii	\$129,997	\$173,859
NA08NOS4260325	American Samoa Coral Reef Monitoring	American Samoa Government	Territorial Government	Pacific	American Samoa	\$129,986	\$0
NA10NOS4260049	Monitoring the effects of human and natural disturbances in the RMI	Marshall Islands Marine Resources Authority	U.S Freely-Associated State	Micronesia	Republic of the Marshall Islands	\$29,780	\$30,500
NA10NOS4260050	Palau Coral Reef Ecosystem Monitoring Program	Palau International Coral Reef Center	U.S Freely-Associated State	Micronesia	Republic of Palau	\$30,000	\$60,129
NA10NOS4260048	FY10 Coral Reef Ecosystem Monitoring in the Federated States of Micronesia	Micronesia Conservation Trust	NGO	Micronesia	Federated States of Micronesia	\$80,000	\$119,118
<b>Cooperative Agreements with Fishery Management Councils</b>							
NA10NMF4410060	Fisheries independent survey of commercially exploited fish and shellfish populations from mesophotic reefs within the Puertorrican EEZ	Caribbean Fishery Management Council	FMC	Atlantic/Caribbean	Puerto Rico, USVI	\$175,000	\$0
NA10NMF4410059	Identifying and Evaluating the Functional Ecological Services Provided by Coral Reefs to Their Associated Fisheries: Anticipating Management Alternatives in View of Declining Coral Reef	Gulf of Mexico Fishery Management Council	FMC	Atlantic/Caribbean	Florida, Gulf of Mexico	\$175,000	\$0
NA10NMF4410058	Activities to Enhance the Conservation and Management of the South Atlantic Coral Resources	South Atlantic Fishery Management Council	FMC	Atlantic/Caribbean	Florida	\$172,500	\$0

NA10NMF4410061	Assessment and Monitoring of Western Pacific Coral Reef Ecosystem Resources and Habitat	Western Pacific Regional Fishery Management Council	FMC	Pacific	American Samoa, Hawaii, Guam, CNMI	\$509,250	\$0
<b>General Coral Reef Conservation Grants</b>							
NA10NMF4630065	A comparative analysis of sedimentation and water quality in mangrove, shore, bay and reef environments below a developed	University of San Diego	Academic	Atlantic/Caribbean	Virgin Islands	\$49,999	\$50,353
NA10NMF4630062	Estimating productivity of Pacific coral reef fisheries	The Regents of the Univ. of California	Academic	Pacific	Pacific Regional	\$43,387	\$43,589
NA10NMF4630071	Biscayne National Park Fisheries Education Class	Key Marine Consulting, Inc.	Small business	Atlantic/Caribbean	Florida	\$26,000	\$31,900
NA10NMF4630063	St. Thomas East End Reserves: Implementation of Management Plan Early Action Steps	The Nature Conservancy	Academic	Atlantic/Caribbean	USVI	\$48,800	\$63,527
NA10NMF4630067	Improved resource monitoring to support community-based marine protected area planning on Yap, Federated States of Micronesia.	Pacific Marine Resources Institute, Inc.	NGO	FAS	Micronesia	\$37,380	\$37,570
NA10NMF4630069	Enhancing MPA Effectiveness. Identification and assessment of reproductively active epinephelid movement and fishery vulnerability for management improvement	University of Hawaii	Academic	FAS	Micronesia	\$49,940	\$50,050
NA10NMF4630070	Virgin Islands Lionfish Response Project	St. Croix Environmental Association (SEA)	NGO	Atlantic/Caribbean	Virgin Islands	\$49,370	\$54,300
NA10NMF4630072	Characterizing harmful behavior of divers and snorkelers to coral reefs in Puerto Rico through systematic observation and testing the effectiveness of pre-trip media-based interventions.	Social and Environmental Research Institute, Inc.	Small business	Atlantic/Caribbean	Puerto Rico	\$49,788	\$82,247
NA10NMF4630064	Engaging Communities in Coral Reef Monitoring and Co-Management in the Main Hawaiian Islands	The Nature Conservancy	NGO	Pacific	Hawaii	\$50,000	\$50,000
NA10NMF4630068	Improving Management of Hawaii's Marine Aquarium Fishery through Evaluation of Ecological and Socioeconomic Indicators	Washington State University	Academic	Pacific	Hawaii	\$49,904	\$53,085
NA10NMF4630066	The Coral Reef Sustainable Destination Model: Promoting the Hawaiian Values of Lōkahi and Lauilima through Marine Resource Conservation	CORAL	NGO	Pacific	Hawaii	\$49,000	\$51,000
<b>International Coral Reef Conservation Grants</b>							
NA10NOS4630053	Using GIS data layers to support the design of MPA networks in the Coral Triangle	The Nature Conservancy	NGO	Coral Triangle	Coral Triangle	\$39,432	\$40,343
NA10NOS4630058	Enhancing Socioecon Monitoring to Support Conservation of Coral Reef and Near Shore Resources in Thailand	University of Hawaii	Academic	SE Asia	Thailand	\$38,650	\$38,650
NA10NOS4630057	Applying a systematic conservation planning framework to develop a Provincial MPA Network Management Plan for Siquijor, Philippines	James Cook University	Academic	Coral Triangle	Philippines, SE Asia	\$77,400	\$77,400
NA10NOS4630055	Socioeconomic Monitoring Guidelines for Coastal Managers of South Asia: Field trials and baseline surveys	IUCN Asia Regional Office	NGO	South Asia	South Asia	\$38,650	\$38,650
NA10NOS4630056	Socioeconomic Monitoring Program in the Philippines	Palawan State University	Academic	SE Asia	Philippines	\$24,900	\$24,900
NA10NOS4630059	The Use of SocMon for Decision Making on the Caribbean Coast of Honduras	EAP Zamorano	Academic	Wider Caribbean	Honduras	\$30,650	\$30,650
NA10NOS4630052	Incorporating reef resilience to climate change in ecosystem-based MPA management plans for two Fijian traditional fishing grounds	Wildlife Conservation Society	NGO	Pacific	Fiji	\$77,400	\$77,400
NA10NOS4630054	Developing a Frame Work for a Comprehensive Marine Multiuse Zoning Plan for the Grenadine Islands	The Sustainable Grenadines Project	NGO	Wider Caribbean	St. Vincent and the Grenadines	\$47,650	\$47,650
<b>Other Competitive Awards</b>							
NA09NOS4190173	Addressing Global Threats at Local Scales in Coral Reef Communities	The Nature Conservancy	NGO	Domestic & Internat'l	Domestic & Internat'l	\$1,000,000	\$951,410
NA10NOS4190074	Coral Reefs: Communicating Their Value; Safeguarding Their Future	SeaWeb	NGO	Domestic	Domestic	\$210,000	\$215,000
NA10NOS4630131	National Fish and Wildlife Foundation--Coral Fund Competitive Grants	National Fish and Wildlife Foundation	Public-Private Partnership	Domestic & Internat'l	Domestic & Internat'l	\$562,500	\$895,842
NA10NOS4630131	National Fish and Wildlife Foundation--Guanica Competitive Grants	National Fish and Wildlife Foundation	Public-Private Partnership	Domestic	Puerto Rico	\$100,000	\$100,000

Coral Reef Institutes							
NA10NOS4260222	Hawaii Coral Reef Institute	Management-driven Research by NOAA's Coral Reef Institutes		Pacific	Hawaii	\$150,000	\$0
NA10NOS4260221	National Coral Reef Institute	Management-driven Research by NOAA's Coral Reef Institutes		Atlantic/ Caribbean	Florida	\$1,045,000	\$0
NA10NOS4260223	Caribbean Coral Reef Institute	Management-driven Research by NOAA's Coral Reef Institutes		Atlantic/ Caribbean	Puerto Rico	\$878,000	\$0
NA10NOS4260224	Western Pacific Coral Reef Institute	Management-driven Research by NOAA's Coral Reef Institutes		Pacific	Guam	\$200,000	\$0
						<b>\$10,269,556</b>	<b>\$4,523,814</b>

**NOAA Coral Reef Conservation Program, Financial Assistance Awards for Fiscal Year 2009**

<b>Project Title</b>	<b>Applicant</b>	<b>Applicant Type</b>	<b>Region</b>	<b>Location</b>	<b>Federal Funding</b>	<b>Matching Funds</b>
<b>Coral Reef Management Cooperative Agreements</b>						
Marine Park Management and Local Action Strategy Implementation in the U.S. Virgin Islands	USVI Department of Planning and Natural Resources, Division of Coastal Zone Management	Territorial Government	Atlantic/Caribbean	U.S. Virgin Islands	\$522,500	\$138,765
2009 State of Hawaii Coral Reef Management Grant	Hawaii Department of Land and Natural Resources Division of Aquatic Resources	State Government	Pacific	Hawaii	\$560,000	\$257,001
Conservation and Management of Puerto Rico's Coral Reefs (2009)	Puerto Rico Department of Natural and Environmental Resources	Comonwealth Government	Atlantic/Caribbean	Puerto Rico	\$262,962	\$189,460
CNMI 2009-2010 Coordination of the CNMI Coral Reef Initiative Program and Implementation of Local Action Strategies	Commonwealth of the Northern Mariana Islands, Office of the Governor, Division of Environmental Quality	Comonwealth Government	Pacific	CNMI	\$585,000	\$0
Guam Coral Reef Initiative 2009-2010	Guam Bureau of Statistics and Plans, Coastal Management Program	Territorial Government	Pacific	Guam	\$512,500	\$47,450
FY09 Coral Reef Management Grant Proposal to the Dept of Interior and NOAA from the American Samoa Government via the Governor's Coral Reef Advisory Group	American Samoa Department of Commerce	Territorial Government	Pacific	American Samoa	\$410,000	\$0
2009 Florida Coral Reef Conservation Program Grant	Florida Department of Environmental Protection	State Government	Atlantic/Caribbean	Florida	\$661,000	\$417,396
<b>Coral Reef Ecosystem Monitoring Cooperative Agreements</b>						
Monitoring of Coral Reefs in the U.S. Virgin Islands	USVI Department of Planning and Natural Resources, Division of Coastal Zone Management	Territorial Government	Atlantic/Caribbean	US Virgin Islands	\$130,000	\$0
Comprehensive Long-Term Monitoring at Permanent Sites in Guam	Guam Bureau of Statistics and Plans, Coastal Management Program	Territorial Government	Pacific	Guam	\$130,000	\$0
Monitoring of Coral Reef Communities from Natural Reserves in Puerto Rico, 2007-2009	Puerto Rico Department of Natural and Environmental Resources	Comonwealth Government	Atlantic/Caribbean	Puerto Rico	\$130,000	\$0
CNMI Coral Reef Ecosystems Monitoring Program, FY09 through FY11	Commonwealth of the Northern Mariana Islands Coastal Resources Management Office (CRMO)	Comonwealth Government	Pacific	CNMI	\$129,998	\$0
Florida Coral Reef Monitoring Program	Florida Department of Environmental Protection	State Government	Atlantic/Caribbean	Florida	\$130,000	\$130,000

**NOAA Coral Reef Conservation Program, Financial Assistance Awards for Fiscal Year 2009**

State of Hawaii Coral Reef Monitoring Program	State of Hawaii Department of Land and Natural Resources Division of Aquatic Resources	State Government	Pacific	Hawaii	\$129,954	\$175,740
American Samoa Coral Reef Monitoring	American Samoa Government	Territorial Government	Pacific	American Samoa	\$126,583	\$0
Monitoring the effects of human and natural disturbances in the Marshall Islands	Marshall Islands Marine Resources Authority	U.S Freely-Associated State	Micronesia	Republic of the Marshall Islands	\$29,990	\$104,475
Palau Coral Reef Ecosystem Monitoring Program	Palau International Coral Reef Center	U.S Freely-Associated State	Micronesia	Republic of Palau	\$30,000	\$37,201
Coral Reef Ecosystem Monitoring in the Federated States of Micronesia	Micronesia Conservation Trust	NGO	Micronesia	Federated States of Micronesia	\$100,025	\$147,750
<b>Cooperative Agreements with Fishery Management Councils</b>						
Characterization of benthic habitats and associated coral reef communities at El Seco, southeast Vieques, Puerto Rico	Caribbean Fishery Management Council	FMC	Atlantic/Caribbean	Puerto Rico, USVI	\$172,500	\$0
Projects to Improve or Amend Coral Reef Fishery Management Plans	Gulf of Mexico Fishery Management Council	FMC	Atlantic/Caribbean	Florida, Gulf of Mexico	\$172,500	\$0
Activities to Enhance the Conservation and Management of the South Atlantic Coral Resources	South Atlantic Fishery Management Council	FMC	Atlantic/Caribbean	Florida	\$172,500	\$0
Assessment and Management of Western Pacific Coral Reef Ecosystem Resources	Western Pacific Regional Fishery Management Council	FMC	Pacific	American Samoa, Hawaii, Guam, CNMI	\$517,500	\$0
<b>General Coral Reef Conservation Grants</b>						
Examining the Role of Environment and Viruses in Growth Anomalies of <i>Porites lobata</i> on the Island of Hawai'i	Cornell University	Academic	Pacific	Hawaii	\$47,700	\$47,700
Preventing bleaching through shading in three branching coral species commonly found in Indo Pacific reefs	Dominican University of California	Academic	Pacific	American Samoa	\$48,000	\$82,877
Storm Water Runoff and Sedimentation into Coastal Bays with Coral Reefs: Comparison between Developed and Undeveloped Watersheds, USVI.	University of San Diego	Academic	Atlantic/Caribbean	USVI	\$49,722	\$49,914
How many have been lost? Using Ancient DNA to develop baselines for coral reef conservation and management	University of Hawai'i at Mānoa	Academic	Pacific	Hawaii	\$46,000	\$46,252
Building Capacity and Increasing Effectiveness for the USVI Territorial Marine Protected Areas	The Nature Conservancy	NGO	Atlantic/Caribbean	USVI	\$48,000	\$101,072

**NOAA Coral Reef Conservation Program, Financial Assistance Awards for Fiscal Year 2009**

Invasive lionfish on coral reefs of Puerto Rico and the US Virgin Islands: promoting local awareness and engagement in monitoring and control action	Reef Environmental and Education Foundation (REEF)	NGO	Atlantic/Caribbean	Puerto Rico, USVI	\$48,000	\$134,000
Essential Fish Habitat and Life History Assessments of Commercially Important Herbivores in Pohnpei, Micronesia, to Enhance MPA Effectiveness	University of Guam	Academic	Micronesia	Federated States of Micronesia--Pohnpei	\$49,680	\$76,430
Recruitment and Survival of Threatened <i>Acropora plamata</i> at Looe Key Reef	Stillwater Research Group, Inc	NGO	Atlantic/Caribbean	Florida Keys National Marine Sanctuary	\$32,560	\$17,100
Maui Marine Managed Area Support: Developing and Expanding Monitoring, Outreach and Education	Coral Reef Alliance	NGO	Pacific	Hawaii	\$49,000	\$69,700
Towards long-term, secure coral reef conservation at Helen Reef, Palau	NaturalEquity	Small business	Micronesia	Palau	\$47,300	\$48,100
Leave paradise in it's place	VI Resource Conservation and Development Council	NGO	Atlantic/Caribbean	USVI	\$45,000	\$47,601
Ridge to Reef Roadshow	Palau Conservation Society	NGO	Micronesia	Palau	\$44,308	\$46,220
"The Reef is Closer Than You Think" Community Campaign	University of the Virgin Islands	Academic	Atlantic/Caribbean	USVI	\$39,635	\$0
Ornamental fisheries in PR	Antares Ramos	Individual	Atlantic/Caribbean	Puerto Rico	\$20,000	\$47,910
Biotic and abiotic factors affecting coral disease levels on the reefs of Guam	University of Guam	Academic	Pacific	Guam	\$49,860	\$28,500
<b>International Coral Reef Conservation Grants</b>						
Integrating Key Ecological Information to Improve MPA Effectiveness for 10 sites in Fiji, South Pacific	University of the South Pacific	Academic	International-Samoa and SW Pacific	10 MPAs in Fiji, South Pacific	\$79,900	\$79,900
Management Planning for Four Sites in the Southern Belize Barrier Reef Complex	Southern Environmental Association	NGO	International-Wider Caribbean	Southern Belize Region	\$36,000	\$36,000
Management Planning for Effective MPAs at four sites in North Sulawesi, Indonesia	Wildlife Conservation Society	NGO	International-Coral Triangle	4 sites No. Sulawesi, Indonesia	\$79,501	\$79,501
Managing MPAs in The Bahamas: Developing management plans for Bonefish Pond National Park and Central Andros Marine Parks	Perry Institute for Marine Science	Academic	International-Wider Caribbean	Bahamas, New Prov. Island, Andros Island	\$75,000	\$75,000
Port Honduras Marine Reserve: Ecosystems, Resources and Quality Management	Toledo Institute for Development and Environment	NGO	International-Wider Caribbean	Belize, Port Honduras Marine Reserve	\$44,141	\$53,362
Implementation initiative of the Village Based Resource Management Areas Network (VBRMA) national protected areas network	Foundation for the Peoples of the South Pacific	NGO	International-Samoa and SW Pacific	Vanuatu, South Pacific	\$44,431	\$52,436

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Enhancing Socioeconomic Monitoring (SEM Pasifika) to Support Coral Reef Conservation in the South Pacific (Cook Islands, French Polynesia, and New Caledonia)	Secretariat of the Pacific Reg. Env Program (SPREP)	NGO	International-Samoa and SW Pacific	Many islands So. Pacific	\$29,779	\$29,797
Socio-Economic Training and Monitoring in Customary Managed Marine Areas in New Ireland Province, Papua New Guinea	Wildlife Conservation Society	NGO	International-Coral Triangle	4 villages in New Ireland Province, Papua New Guinea	\$30,000	\$30,000
Land-use and sedimentation impacts on coral reefs of St. Lucia, with special emphasis on elkhorn coral, <i>Acropora palmata</i> .	Simon Fraser University	Academic	International-Wider Caribbean	10 Eastern Carib Islands	\$18,000	\$25,000
<b>Coral Reef Research Grants</b>						
The effect of thermal stress anomalies on the diversity of <i>Symbodium</i> communities in Oahu, Hawaii	University of Hawai'i, HIMB	Academic	Pacific	Hawaii	\$92,867	\$75,083
Holistic management of coastal ecosystems: roles of deep hermatypic coral reefs	Bishop Museum, Honolulu	NGO	Pacific	Hawaii	\$71,344	\$74,302
Genetic connectivity and adaptation to climate change in Micronesian corals	University of Texas, Austin	Academic	Pacific	Micronesia	\$88,605	\$90,592
Ecosystem health and functioning in the Line Islands: what is pristine and how is it lost?	University of California, San Diego	Academic	Pacific	U.S. Pacific Remote Islands	\$56,385	\$51,773
Essential biological data to inform marine reserve design and management: Home range of keystone fish species may exceed the scale of most reserves	University of Hawai'i	Academic	Pacific	Micronesia	\$24,939	\$85,688
Manipulating herbivore diversity to restore coral reefs	Georgia Tech University	Academic	Atlantic/Caribbean	Florida	\$112,066	\$75,000
Distinguishing reef acidification processes: controls on Conch Reef pH by ambient water column variability versus benthic boundary layer processes	University of North Carolina, Chapel Hill	Academic	Atlantic/Caribbean	Florida	\$99,237	\$75,000
Landscape level habitat assessment at Conch Reef: high frequency side scan sonar and video survey from an AUV	Virginia Institute of Marine Science	Academic	Atlantic/Caribbean	Florida	\$78,732	\$55,536
Sources of coral nutrition: the role of autotrophy and heterotrophy on coral growth and survivorship	State University of New York	Academic	Atlantic/Caribbean	Florida	\$39,249	\$29,944
Sponges on Florida coral reefs: demographics and impact on water quality	University of North Carolina, Wilmington	Academic	Atlantic/Caribbean	Florida	\$69,953	\$99,032
<b>Other Competitive Awards</b>						

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Addressing Global Threats at Local Scales in Coral Reef Communities	The Nature Conservancy	NGO	Domestic & International	U.S. Jurisdictions; International.	\$600,000	\$600,000
National Fish and Wildlife Foundation--Competitive Grants (2)	National Fish and Wildlife Foundation	Public-Private Partnership	Domestic & International	U.S. Jurisdictions; International.	\$165,397	\$165,397
					<b>\$8,215,803</b>	<b>\$4,426,957</b>