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Award Number	Project Title	Recipient	Project Start Date	Project End Date	Federal Funding	Principal Investigators
NA17FU2841	The blue crab, <i>Callinectes sapidus</i> : an integrated research program of basic biology hatchery technologies and the potential for replenishing stocks.	University of Maryland, Biotechnology Institute	03/01/2002	11/30/2007	\$7,302,649.00	Yonathan Zohar
NA17FL2583	Chesapeake Bay Oyster Restoration Activities	Chesapeake Appreciation Inc.	03/01/2002	12/31/2006	\$6,137,970.00	Penny Jurick
NA17FU1652	ASSESSMENT OF CHESAPEAKE BAY COMMERCIAL SOFTSHELL CLAMS MYA ARENARIA AND TAGELUS PLEBEIUS WITH EMPHASIS ON ABUNDANCE AND DISEASE STATUS	Maryland Department of Natural Resources	06/01/2002	02/29/2008	\$121,825.00	Mark Homer, Mitchell Tarnowski
NA17FU2848	School Leadership in Urban Runoff Reduction	Living Classrooms Foundation	08/01/2002	06/30/2005	\$415,678.00	Scott Raymond, Christine Truett
NA07FU0536	DESIGN AND PILOT IMPLEMENTATION OF A CHESAPEAKE BAY MONITORING AND ASSESSMENT PROGRAM (CHESMMAP)	Virginia Institute of Marine Science	09/01/2002	09/30/2005	\$1,067,801.00	Chris Bonzek
NA17FU2852	Articulating the environment and ecology standards with real world experiences...	Pennsylvania Department of Education	09/01/2002	09/30/2005	\$240,000.00	Patricia Vathis
NA17FU2887	Assessing Stakeholders' Preferences for Ecosystem management Options for the Chesapeake Bay...	Virginia Institute of Marine Science	09/01/2002	06/30/2006	\$89,261.00	James Kirkley, Jane Lopez
NA07FU0534	DEVELOPMENT AND IMPLEMENTATION OF THE CHESAPEAKE BAY FISHERY-INDEPENDENT MULTISPECIES SURVEY (CHESFIMS)	University of Maryland, Center for Environmental Science	10/01/2002	04/30/2007	\$1,185,938.00	Edward Houde, Thomas Miller
NA17FU1654	A DYNAMIC MASS BALANCE MODEL OF THE CHESAPEAKE BAY ECOSYSTEM	University of British Columbia	10/01/2002	09/30/2006	\$359,832.00	Villy Christensen
NA17FU2890	Fisheries Management Coordination and Community Modeling Support	Chesapeake Research Consortium, Inc.	10/01/2002	09/30/2008	\$1,891,086.00	Kevin Sellner

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NA17FU2855	State Implementation for Teacher training in Conducting meaningful Outdoor Experiences in Maryland	Maryland State Department of Education	10/01/2002	12/31/2005	\$154,449.00	Rebecca Bell
NA03NMF4570378	Estimating Relative Juvenile Abundance of Ecologically Important Finfish and Invertebrates in the Virginia Portion of Chesapeake Bay	Virginia Institute of Marine Science	06/01/2003	05/31/2007	\$801,853.00	Mary Fabrizio
NA03NMF4570241	Watershed Travelers	Baltimore City Department of Recreation and Parks	08/01/2003	07/31/2007	\$69,846.00	Nathaniel Payer
NA03NMF4570243	Meaningful Bay Experiences for High School Students in the District of Columbia	District of Columbia Department of the Environment	08/01/2003	09/30/2008	\$534,000.00	Hamid Karimi, Bonita Thompson
NA03NMF4570232	SAV Restoration Project	Calvert County Public Schools	08/01/2003	12/31/2005	\$75,567.00	Tom Harten
NA03NMF4570239	Headwaters of the James: A Source for Environment-Based Learning	Mary Baldwin College	08/01/2003	08/31/2006	\$125,658.00	Tamra Willis
NA03NMF4570246	Chesapeake Bay Foundation's Chesapeake Classrooms Initiative	Chesapeake Bay Foundation	08/01/2003	06/30/2007	\$800,000.00	Don Baugh
NA03NMF4570240	Using GPS and GIS to Direct Watershed Education and Restoration Efforts in the Potomac/Shenandoah Valley	Virginia Polytechnic Institute and State University	08/01/2003	12/31/2006	\$160,971.00	Jeffrey Kirwan
NA03NMF4570244	Student Training in Aquatic Research (STAR)	Smithsonian Institution	08/01/2003	10/31/2006	\$223,014.00	Mark Haddon
NA03NMF4570463	RESTORATION OF EELGRASS COMMUNITIES IN CHESAPEAKE BAY WITH SEEDS: THE EMERGING ISSUES	Virginia Institute of Marine Science	09/01/2003	09/30/2007	\$226,644.00	Robert Orth



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NA03NMF4570462	LARGE-SCALE EELGRASS RESTORATION IN THE PIANKATANK RIVER, VIRGINIA	Virginia Institute of Marine Science	09/01/2003	03/31/2007	\$257,410.00	Robert Orth
NA03NMF4570242	From Chesterfield to the Chesapeake: Teaching the Watershed	Chesterfield County Public Schools	09/01/2003	08/31/2006	\$92,291.00	Ken Butta, Susan Dandridge
NA03NMF4570472	A comparison of reproductive success of seed yields from natural and cultured populations for the success of large scale restoration	Wildfowl Trust of North America	09/01/2003	10/31/2005	\$136,582.00	M. Ailstock
NA03NMF4570213	Field Experiences in the Chesapeake Bay Watershed for ninth grade students in Keystone Central School District	Keystone Central School District	09/01/2003	08/31/2006	\$29,579.00	Wayne McCollough
NA03NMF4570237	Virginia Sixth Grade Science Standards Institute: A collaborative for Meaningful Watershed Education	Virginia Department of Environmental Quality	09/01/2003	01/31/2009	\$154,250.00	Ann Regn
NA03NMF4570221	EnvironMentors Project Inner School Academy	National Environmental Education and Training Foundation	09/01/2003	09/30/2009	\$154,517.00	Deborah Sliter
NA03NMF4570215	Bay Grasses in Classes - Using Student Grown Bay Grasses for Education, Restoration, and a Meaningful Bay Experience	Maryland Department of Natural Resources	09/01/2003	09/30/2006	\$280,475.00	Thomas Parham
NA03NMF4570222	Students as Stewards: Maintaining and Improving Environmental Quality and Quality of Life in the Bay Watershed Through a Biodiversity Approach to Bay Education and Stewardship	Wildfowl Trust of North America	09/01/2003	08/31/2005	\$132,000.00	Judy Wink
NA03NMF4570220	Virginia Chesapeake Bay Watershed Academy	Virginia Resource Use Education Council	10/01/2003	08/31/2006	\$210,000.00	Barry Fox, Dawn Shank



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Award Number	Project Title	Recipient	Project Start Date	Project End Date	Federal Funding	Principal Investigators
NA03NMF4570375	Natural Mortality of Juvenile Blue Crabs: Quantifying Predation Impacts by Finfish in Lower Chesapeake Bay Seagrass Beds	Virginia Institute of Marine Science	10/01/2003	09/30/2006	\$165,381.00	Jacques Van Montfrans
NA03NMF4570217	Watershed: "a lifetime of stewardship"	National Audubon Society, Inc.	10/01/2003	09/30/2006	\$161,997.00	Mark Scallion
NA03NMF4570432	Project Narragansett: Professional Development and Marine Science	Save the Bay	10/01/2003	05/31/2008	\$1,839,573.00	Stacy Couto, Bridget Kubis
NA03NMF4570219	Meaningful Chesapeake Bay Watershed Education for Fifth Grade Students	Echo Hill Outdoor School	10/01/2003	06/30/2005	\$63,755.00	Peter Rice
NA03NMF4570470	Large-Scale Restoration of Eelgrass (<i>Zostera marina</i>) on the Patuxent River, Maryland	Maryland Department of Natural Resources	11/01/2003	12/31/2008	\$472,859.00	Lee Karrh, Mike Naylor
NA03NMF4570229	Chesapeake 2000: Integrating the Chesapeake Bay Agreement into the Classroom	University of Maryland, Center for Environmental Science	01/01/2004	12/31/2005	\$32,177.00	Jackie Takacs
NA03NMF4570471	Site Assessments for Future, Large-Scale Submerged Aquatic Vegetation Restoration in Chesapeake Bay	Maryland Department of Natural Resources	01/01/2004	12/31/2008	\$911,652.00	David Goshorn, Lee Karrh
NA04NMF4570387	Dredge survey gear assessment for blue crab	Virginia Institute of Marine Science	04/01/2004	09/30/2007	\$34,613.00	John Hoenic
NA03NMF4570228	Chesapeake Research Fellowship Professional Development Program for Teachers	University of Maryland, Center for Environmental Science	05/01/2004	04/30/2010	\$470,655.00	Jonathan Kramer, Bonny Marcellino
NA04NMF4570375	A historical and field investigation of juvenile striped bass habitat distribution in relation to feeding and environmental conditions	Virginia Institute of Marine Science	05/01/2004	08/31/2007	\$31,906.00	Mary Fabrizio
NA04NMF4570263	Chesapeake Connections Program	Anne Arundel County Board of Education	05/01/2004	04/30/2006	\$127,283.00	Steve Barry



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NA04NMF4570272	Training Prince George's & Charles County Teachers in Potomac River & Chesapeake Bay Watershed Issues & Investigations	Alice Ferguson Foundation, Inc.	06/01/2004	06/30/2007	\$194,789.00	Libby Campbell, Tawna Mertz, Karen Miles, Helen Nelson, Tammy Shupard
NA04NMF4570271	Know Your James River Watershed - Environmental Education Program	James River Association	06/01/2004	04/30/2005	\$56,191.00	None Designated
NA04NMF4570352	The impact of correlated recruitments in multispecies models	University of Maryland, Center for Environmental Science	06/01/2004	05/31/2007	\$89,873.00	Thomas Miller
NA04NMF4570275	The Rivianna River: A Heritage Resource for Student Learning	Rivanna Conservation Society	06/01/2004	06/30/2007	\$62,028.00	None Designated
NA04NMF4570269	Species of Special Concern: Oysters in the Chesapeake Bay - A Teacher Professional Development Institute	Virginia Institute of Marine Science	06/01/2004	05/31/2005	\$22,000.00	None Designated
NA04NMF4570261	Potomac Stream Samplers: Caring for our watershed from the mountains to the sea	The Mountain Institute	06/01/2004	12/31/2007	\$177,302.00	None Designated
NA04NMF4570356	Trophic portfolios in commercial fishing: a finance based approach to ecosystem management with an application to the Chesapeake Bay	Duke University	07/01/2004	10/31/2006	\$100,034.00	Martin Smith
NA04NMF4570386	Oyster Restoration Monitoring Program-Virginia	Virginia Institute of Marine Science	07/01/2004	06/30/2007	\$3,800,000.00	Roger Mann
NA04NMF4570355	Trophic portfolios in commercial fishing: a finance based approach to ecosystem management with an application to Chesapeake Bay fisheries	Resources for The Future	07/01/2004	06/30/2006	\$96,792.00	Martin Smith
NA04NMF4570273	Wetland Education Initiative	Environmental Concern, Inc	07/01/2004	06/30/2007	\$54,708.00	None Designated



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Award Number	Project Title	Recipient	Project Start Date	Project End Date	Federal Funding	Principal Investigators
NA04NMF4570266	Chesapeake Studies for Middlesex, Mathews & Gloucester County Middle Schools: Linking Field Trips with the Classroom	Virginia Institute of Marine Science	07/01/2004	06/30/2005	\$54,848.00	Willy Reay
NA04NMF4570412	Tangier Island Fishery Infrastructure Re-Building Project	Town of Tangier	07/01/2004	05/31/2005	\$120,000.00	Bill Reynolds
NA04NMF4570255	Chesapeake Bay Schoolyard Wetland ANursery Program Expansion	National Aquarium In Baltimore	07/01/2004	06/30/2005	\$48,455.00	Laura Bankey
NA04NMF4570274	From our creek to our Bay: Watershed Wanderers	Virginia Aquarium & Marine Science Center Foundation, Inc.	08/01/2004	07/31/2008	\$238,271.00	Kristin Mullen, Chris Witherspoon
NA04NMF4570359	Menhaden abundance and productivity in Chesapeake Bay: linking the environment and primary production to variability in fish recruitment	University of Maryland, Center for Environmental Science	08/01/2004	07/31/2008	\$523,790.00	Edward Houde
NA04NMF4570310	National Aquarium Infrastructure Repairs	National Aquarium Society	09/01/2004	08/31/2006	\$573,000.00	Robert Ramin
NA04NMF4570364	Chesapeake Bay observing system cooperative expansion and integration demonstration	Maryland Department of Natural Resources	09/01/2004	08/31/2006	\$20,000.00	Bruce Michael, Christopher Trumbauer
NA04NMF4570388	CBOS Cooperative expansions and integration demonstration	Old Dominion University Research Foundation	09/01/2004	08/31/2005	\$90,617.00	None Designated
NA04NMF4570363	CBOS Cooperative expansion and integration demonstration (CCEID)	University of Maryland, Center for Environmental Science	09/01/2004	08/31/2005	\$180,000.00	William Boicourt
NA04NMF4570354	Estimation of oyster growth and mortality rates in Virginia	Virginia Institute of Marine Science	09/01/2004	08/31/2005	\$65,415.00	None Designated



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NA04NMF4570268	Watershed Course Development of Delaware Clusters	University of Delaware	09/01/2004	08/31/2007	\$94,529.00	William Hall
NA04NMF4570262	Mapping & Monitoring Maryland Streams	University of Maryland, Center for Environmental Science	09/01/2004	12/31/2007	\$162,406.00	Cathlyn Stylinski
NA04NMF4570389	A partnership proposal: Technology transfer of a larval dispersal model	University of Maryland, Center for Environmental Science	10/01/2004	09/30/2005	\$49,990.00	William Boicourt
NA04NMF4570431	Potential for <i>Crassostrea ariakensis</i> to serve as a vector for exotic pathogens in Chesapeake Bay	Virginia Institute of Marine Science	10/01/2004	03/31/2008	\$226,421.00	Kimberly Reece
NA04NMF4570270	Schoolyard Habitat Initiative	Maryland Association for Environmental and Outdoor Education	10/01/2004	09/30/2006	\$161,400.00	None Designated
NA04NMF4570361	Assessing asian oyster dispersion and potential risk of reproduction using a Chesapeake Bay hydrodynamic model with age-distribution functions	Virginia Institute of Marine Science	10/01/2004	09/30/2005	\$50,050.00	Harry Wang
NA04NMF4570422	Pathogenic <i>bonamia</i> sp. from North Carolina: field and laboratory trials to characterize potential risk to <i>c. ariakensis</i> in the mid-Atlantic region	Virginia Institute of Marine Science	10/01/2004	09/30/2007	\$527,038.00	None Designated
NA04NMF4570433	Biological material support for studies on <i>Crassostrea ariakensis</i>	Virginia Institute of Marine Science	10/01/2004	09/30/2008	\$290,998.00	Standish Allen
NA04NMF4570358	The stability of living shorelines - an evaluation	Virginia Institute of Marine Science	10/01/2004	09/30/2006	\$160,000.00	Marcia Berman



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NA04NMF4570362	Chesapeake Bay observing cooperative expansion and integration demonstration: VIMS/CBNERRVA Component	Virginia Institute of Marine Science	10/01/2004	09/30/2005	\$111,099.00	Carl Friedrichs
NA04NMF4570430	Potential for <i>Crassostrea ariakensis</i> to serve as a vector for exotic pathogens in Chesapeake Bay: Assessing the risk of Asian <i>Perkinsus</i> spp. and oyster herpes virus to <i>C. ariakensis</i> and native bivalve	Maryland Department of Natural Resources	10/01/2004	03/31/2007	\$28,838.00	None Designated
NA04NMF4570421	Pathogenic <i>Bonamia</i> sp. from North Carolina: Field and laboratory trials to characterize potential risk to <i>C. ariakensis</i> in the mid-Atlantic region	University of North Carolina, Chapel Hill	10/01/2004	09/30/2005	\$42,186.00	Charles Peterson
NA04NMF4570432	Assessing levels of genetic variation within and among native populations and hatchery stocks of the Suminoe oyster <i>Crassostrea ariakensis</i> using a suite of molecular markers	Virginia Institute of Marine Science	10/01/2004	03/31/2007	\$301,332.00	Kimberly Reece
NA04NMF4570349	Temporal and spatial variability in growth and production of Atlantic menhaden and Bay anchovy in Chesapeake Bay	University of Maryland, Center for Environmental Science	10/01/2004	09/30/2006	\$82,036.00	Edward Houde
NA04NMF4570357	Modeling Oyster Larvae Transport in Chesapeake Bay	Old Dominion University Research Foundation	10/01/2004	09/30/2007	\$45,945.00	Eileen Hofmann
NA04NMF4570424	Genetic and ecological structure of oyster estuaries in China and factors affecting success of <i>Crassostrea ariakensis</i> : Clues from a reclassification	Rutgers, The State University of New Jersey - New Brunswick	12/01/2004	11/30/2008	\$492,510.00	Ximing Guo

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NA04NMF4570428	Fertilization interference between <i>Crassostrea ariakensis</i> and <i>Crassostrea virginica</i>	Rutgers, The State University of New Jersey - New Brunswick	12/01/2004	11/30/2006	\$104,984.00	David Bushek, Ximing Guo
NA04NMF4570427	A histological investigation of oyster parasites and pathology in three Chinese estuaries containing varying mixtures of coexisting oyster species, including <i>C. ariakensis</i>	Rutgers, The State University of New Jersey - New Brunswick	12/01/2004	11/30/2007	\$113,786.00	David Bushek, Susan Ford
NA04NMF4570415	Breaking barriers in SAV restoration: using plant-associated bacteria to enhance restoration success.	University of Maryland, Center for Environmental Science	01/01/2005	09/30/2006	\$66,955.00	Byron Crump
NA04NMF4570416	Wave exposure: an additional parameter for identification of suitable SAV restoration sites.	University of Maryland, Center for Environmental Science	01/01/2005	10/31/2007	\$133,129.00	Evamaria Koch
NA04NMF4570418	Long-term mesocosm studies of competitive interactions between diploid <i>C. virginica</i> and <i>C. ariakensis</i>	Smithsonian Institution	03/01/2005	02/29/2008	\$73,125.00	Denise Breitbart
NA04NMF4570417	Long-term mesocosm studies of competitive interactions between diploid <i>Crassostrea virginica</i> and <i>C. ariakensis</i>	Virginia Institute of Marine Science	03/01/2005	02/28/2009	\$67,772.00	Mark Luckenbach
NA04NMF4570425	Predation by polyhaline invertebrate predators on young non-native oysters, <i>C. ariakensis</i> , in Chesapeake Bay	University of Maryland, Center for Environmental Science	03/01/2005	03/31/2008	\$182,827.00	Victor Kennedy, Roger Newell
NA04NMF4570419	Long-term mesocosm studies of competitive interactions between diploid <i>Crassostrea virginica</i> and <i>C. ariakensis</i>	Maryland Department of Natural Resources	03/01/2005	08/31/2009	\$60,797.00	Chris Dungan



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NA04NMF4570360	Ecosystem approaches to aquatic health assessment: linking subtidal habitat quality, shoreline condition and estuarine fish communities	Virginia Institute of Marine Science	03/01/2005	02/28/2006	\$100,000.00	Donna Bilkovic
NA04NMF4570423	Quantifying the response of different strains of <i>C. ariakensis</i> larvae to environmental change under spatially realistic conditions	University of Maryland, Center for Environmental Science	03/01/2005	02/29/2008	\$123,279.00	Roger Newell
NA04NMF4570414	Long-term mesocosm studies of competitive interactions between diploid <i>Crassostrea virginica</i> and <i>C. ariakensis</i>	University of Maryland, Center for Environmental Science	03/01/2005	08/31/2009	\$294,180.00	Roger Newell
NA04NMF4570420	Behavior, substrate selection and survival of <i>C. ariakensis</i> pediveliger larvae and juveniles to variation in environmental conditions	University of Maryland, Center for Environmental Science	03/01/2005	02/28/2007	\$75,256.00	Mark Luckenbach, Mario Tamburri
NA04NMF4570429	Comparative post-settlement growth and survival in the Suminoe oyster <i>Crassostrea ariakensis</i> exposed to simulated intertidal emersion	Virginia Institute of Marine Science	04/01/2005	03/31/2006	\$49,547.00	Mark Luckenbach
NA04NMF4570426	Environmental tolerance-dependent competition between adult <i>C. ariakensis</i> and <i>C. virginica</i> in recovering and retaining waterborne disease agents in relation to water salinity	The Johns Hopkins University, Division of Public Health	04/01/2005	03/31/2006	\$96,485.00	Thaddeus Graczyk

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