



## CW CESU Projects: US Army Corps of Engineers - Civil Works

<i>Project Number</i>	<i>Project title</i>	<i>FY of Funding</i>	<i>Partner</i>	<i>Agency</i>	<i>Funding Amount</i>
<b>Projects for US Army Corps of Engineers, ERDC-Civil Works, Department of the Army</b>					
DACA87-01-H-0007/0	<i>Modeling High Frequency Acoustic Energy Aspects of Blast Waves for Blast-Induced Hearing Threshold Shift in Bats</i>	05	PSU	USACE	\$44,403
<i>Mod Notes, Sub Project, New title: New Award</i>					
<b>Total Number of Actions: 1</b>		<b>Total for FY: 05</b>			<b>\$44,403.00</b>
DACA87-01-H-0007/1	<i>Modeling High Frequency Acoustic Energy Aspects of Blast Waves for Blast-Induced Hearing Threshold Shift in Bats</i>	06	PSU	USACE	\$20,185
<i>Mod Notes, Sub Project, New title: Additional Funding &amp; Time</i>					
<b>Total Number of Actions: 1</b>		<b>Total for FY: 06</b>			<b>\$20,185.00</b>
W912HZ-08-2-0008/0	<i>U.S. Army Corps of Engineers - Civil Works Joining Fee for the Chesapeake Watershed (CW) Cooperative Ecosystems Studies Unit (CESU)</i>	08	UMCES-AL	USACE	\$10,000
<i>Mod Notes, Sub Project, New title: New</i>					
<b>Total Number of Actions: 1</b>		<b>Total for FY: 08</b>			<b>\$10,000.00</b>
W912HZ-10-2-0019/0	<i>Beyond Light: Defining Sediment and Water Flow SAVE Habitat Requirement</i>	09	UMCES-HPL	USACE	\$124,620
<i>Mod Notes, Sub Project, New title: New</i>					



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W912HZ-10-2-0020/0	<i>Refining Site-Selection Criteria for Restoration of SAV in Mesohaline Chesapeake Bay</i>	09	UMCES-HPL	USACE	\$124,610
<i>Mod Notes, Sub Project, New title:</i>					
<i>New</i>					
<b>Total Number of Actions:</b>		<b>2</b>	<b>Total for FY: 09</b>		<b>\$249,230.00</b>
W81EWF-9090-2441/0	<i>Investigation of Low Water crossing and Stream Systems at Fort Riley, KS</i>	10	PSU	USACE	\$30,000
<i>Mod Notes, Sub Project, New title:</i>					
<i>New</i>					
<b>Total Number of Actions:</b>		<b>1</b>	<b>Total for FY: 10</b>		<b>\$30,000.00</b>
W912HZ-10-2-0019/1	<i>Beyond Light: Defining Sediment and Water Flow SAVE Habitat Requirement</i>	11	UMCES-HPL	USACE	\$0
<i>Mod Notes, Sub Project, New title:</i>					
<i>NCTE</i>					
W912HZ-10-2-0020/1	<i>Refining Site-Selection Criteria for Restoration of SAV in Mesohaline Chesapeake Bay</i>	11	UMCES-HPL	USACE	\$0
<i>Mod Notes, Sub Project, New title:</i>					
<i>NCTE</i>					



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W912HZ-10-2-0029/1	<i>Large Scale Submerged Aquatic Vegetation (SAV) Restoration Techniques and Technologies: Evaluation of an Aragonite Based System for SAVE Aquaculture</i>	11	VIMS	USACE	\$0
<i>Mod Notes, Sub Project, New title:</i> NCTE					
W912HZ-11-2-0040/0	<i>Ecological Monitoring of Paint Branch Fish Passage and Stream Restoration Project</i>	11	UMW	USACE	\$39,995
<i>Mod Notes, Sub Project, New title:</i> New Award					
W912HZ-11-2-0046/0	<i>Incorporating Ecosystem Services in Corps of Engineers Project Planning</i>	11	UMCES-CBL	USACE	\$100,000
<i>Mod Notes, Sub Project, New title:</i> New Award					
<b>Total Number of Actions:</b>	<b>5</b>	<b>Total for FY: 11</b>			<b>\$139,995.00</b>
W912HZ-11-2-0046/1	<i>Incorporating Ecosystem Services in Corps of Engineers Project Planning</i>	12	UMCES-CBL	USACE	\$47,000
<i>Mod Notes, Sub Project, New title:</i> Additona Funds and time					
W912HZ-11-2-0046/2	<i>Incorporating Ecosystem Services in Corps of Engineers Project Planning</i>	12	UMCES-CBL	USACE	\$0
<i>Mod Notes, Sub Project, New title:</i> NCTE					



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<b>Total Number of Actions:</b>	<b>2</b>	<b>Total for FY: 12</b>			<b>\$47,000.00</b>
W912HZ-11-2-0046/3	<i>Incorporating Ecosystem Services in Corps of Engineers Project Planning</i>	13	UMCES-CBL	USACE	\$49,900
<i>Mod Notes, Sub Project, New title: Additional Funds and Time</i>					
W912HZ-11-2-0046/4	<i>Incorporating Ecosystem Services in Corps of Engineers Project Planning</i>	13	UMCES-CBL	USACE	\$114,850
<i>Mod Notes, Sub Project, New title: NCTE</i>					
W912HZ-13-2-0004/0	<i>Testing a Potential Water Quality Indicator for Chesapeake Bay</i>	13	W&M	USACE	\$85,000
<i>Mod Notes, Sub Project, New title: New Project</i>					
W912HZ-13-2-0005/0	<i>Reducing Potential Impacts to Federally-Listed Bird Populations on Rivers and Coasts</i>	13	ABC	USACE	\$133,773
<i>Mod Notes, Sub Project, New title: New Project</i>					
<b>Total Number of Actions:</b>	<b>4</b>	<b>Total for FY: 13</b>			<b>\$383,523.00</b>
W912HZ-11-2-0046/5	<i>Incorporating Ecosystem Services in Corps of Engineers Project Planning</i>	14	UMCES-CBL	USACE	\$301,919
<i>Mod Notes, Sub Project, New title:</i>					



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W912HZ-13-2-0005/2	<i>Reducing Potential Impacts to Federally-Listed Bird Populations on Rivers and Coasts</i>	14	ABC	USACE	\$0
<i>Mod Notes, Sub Project, New title:</i> NCTE					
W912HZ-13-2-0005/3	<i>Reducing Potential Impacts to Federally-Listed Bird Populations on Rivers and Coasts</i>	14	ABC	USACE	\$137,786
<i>Mod Notes, Sub Project, New title:</i> <i>Additional Funds and Time</i>					
W912HZ-14-2-0017/0	<i>Identifying Problematic Red Parent Material Soils in the Untied States</i>	14	UMCP	USACE	\$195,682
<i>Mod Notes, Sub Project, New title:</i> <i>New Award</i>					
<b>Total Number of Actions:</b>	<b>4</b>	<b>Total for FY: 14</b>			<b>\$635,387.00</b>
W9126G-15-2-0056/0	<i>Level II HABS//HAER/HAL Documentation of the E4400 Block at Aberdeen Proving Ground</i>	15	W&M	USACE	\$28,777
<i>Mod Notes, Sub Project, New title:</i> <i>New Award</i>					
W912HZ-11-2-0046/6	<i>Incorporating Ecosystem Services in Corps of Engineers Project Planning</i>	15	UMCES-CBL	USACE	\$0
<i>Mod Notes, Sub Project, New title:</i> NCTE					



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W912HZ-13-2-0005/5	<i>Reducing Potential Impacts to Federally-Listed Bird Populations on Rivers and Coasts</i>	15	ABC	USACE	\$85,955
<i>Mod Notes, Sub Project, New title: Additional Funds and Time</i>					
W912HZ-15-2-0028/0	<i>Evaluating State-of-the-art Methods and Modeling Techniques for Rubble Mound Structure</i>	15	UD	USACE	\$35,000
<i>Mod Notes, Sub Project, New title: New Award</i>					
W912HZ-15-2-0029/0	<i>Developing Benefit Indicators and Valuation Approaches for Ecosystem Service Evaluations</i>	15	UMCES-CBL	USACE	\$230,000
<i>Mod Notes, Sub Project, New title: New Award</i>					
<b>Total Number of Actions:</b>	<b>5</b>	<b>Total for FY: 15</b>			<b>\$379,732.00</b>
W912HZ-16-2-0033/0	<i>Evaluation of Multi-Year Data Sets to Establish Status and Trends of Environmental Restoration Success</i>	16	UMCES-IAN	USACE	\$275,410
<i>Mod Notes, Sub Project, New title: New Award</i>					
<b>Total Number of Actions:</b>	<b>1</b>	<b>Total for FY: 16</b>			<b>\$275,410.00</b>
W9126G-17-2-0044/0	<i>Level I HABS Malcolm Mitchell House</i>	17	W&M	USACE	\$28,973
<i>Mod Notes, Sub Project, New title: New Award</i>					



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W912HZ-17-2-0026/0	<i>"An assessment of challenges and opportunites associated wib riparian vegetation management on reservoir sediment deltas within the Southwestern United States</i>	17	IUP	USACE	\$40,000
<i>Mod Notes, Sub Project, New title: New Award</i>					
<b>Total Number of Actions: 2</b>		<b>Total for FY: 17</b>			<b>\$68,973.00</b>
W9126G-18-2-0037/0	<i>A computationally Efficient Spatially Aware Implementation of the Analog Ensemble (AnEn) Technique</i>	18	PSU	USACE	\$34,000
<i>Mod Notes, Sub Project, New title: new award</i>					
W912HZ-18-2-0018/0	<i>"Monitoring Oyster Restoration Reefs in the Great Wicomico, Piankatank and Lynnhaven Rivers".</i>	18	VIMS	USACE	\$194,507
<i>Mod Notes, Sub Project, New title: new award</i>					
<b>Total Number of Actions: 2</b>		<b>Total for FY: 18</b>			<b>\$228,507.00</b>
<b>Total Number of Actions: 31</b>		<b>Total Funding for all Fiscal Years:</b>			<b>\$2,512,345.00</b>