



## CW CESU Projects : US Geological Survey, BRD

<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 U.S. Geological Survey-Biological Resources Division, Department of the Interior</b>					
01136HS002/0	<i>River Restoration in the United States: A Scientific Synthesis to Inform Policy and Grass-roots Actions</i>	05	UMCP	USGS	\$20,000
<i>Mod Notes, Sub Project, New title: New</i>					
<b>Total Number of Actions: 1</b>		<b>Total for FY: 05</b>			<b>\$20,000.00</b>
01136HS003/0	<i>Spatiotemporal Data Explorer: An Integrated Spatiotemporal Data Warehouse for Visualization Drive Knowledge Discover in Water Resources Management</i>	06	UMBC	USGS	\$23,499
<i>Mod Notes, Sub Project, New title: New</i>					
<b>Total Number of Actions: 1</b>		<b>Total for FY: 06</b>			<b>\$23,499.00</b>
G12AC20041/0	<i>Development of the Global Land Cover Initiative Suite of Products</i>	12	UMCP	USGS	\$750,000
<i>Mod Notes, Sub Project, New title: New Award</i>					
<b>Total Number of Actions: 1</b>		<b>Total for FY: 12</b>			<b>\$750,000.00</b>
G13AC00039/0	<i>Assessment of Carbon Consequences of Land Management Greater Yellowstone Region</i>	13	UMCP	USGS	\$148,125
<i>Mod Notes, Sub Project, New title: New Award</i>					
G13AC00297/0	<i>Extending and Advancing Remote Sensing Mapping of the Status and Trends of Marshes and Wetlands Forest</i>	13	UMCP	USGS	\$122,115
<i>Mod Notes, Sub Project, New title: New Award</i>					



## CW CESU Projects : US Geological Survey, BRD

<i>Project Number</i>	<i>Project title</i>	<i>FY of Funding</i>	<i>Partner</i>	<i>Agency</i>	<i>Funding Amount</i>
G13AV00401/0	<i>Assessing Damage to Coastal Wetlands from Hurricane Sandy in New Jersey and the Delmarva Coast and Their Prospects for Recovery Based on Long Term Archive of Change, and Trajectories of Post-Storm Trends Using the Marsh Surface Condition Index with Landsat</i>	13	UVA	USGS	\$87,000
<i>Mod Notes, Sub Project, New title: New award</i>					
<b>Total Number of Actions:</b>		<b>3</b>	<b>Total for FY: 13</b>		<b>\$357,240.00</b>
G14AC00057/0	<i>Assessing Possible Impacts of Hurricane Sandy o Migrating Landbirds from Weather Radar Observations</i>	14	UD	USGS	\$84,000
<i>Mod Notes, Sub Project, New title: New Award</i>					
G14AC00068/0	<i>Developing and Amphibian Occurrence Database to Examine the Impact of Water Availability on Occupancy Dynamics</i>	14	PSU	USGS	\$50,000
<i>Mod Notes, Sub Project, New title: New Award</i>					
G14AC00072/0	<i>The Impact of Hurricane Sandy on Estuarine Ecosystems: Measureing Sediment Transport with Autonomous Underwater Vehicles</i>	14	UMCP	USGS	\$90,145
<i>Mod Notes, Sub Project, New title: New Award</i>					
G14AC00075/0	<i>The Impact of Hurrican Sandy on Estuarine Ecosystems: Modeling Water-Quality and Ecoogical Functions</i>	14	UMCP	USGS	\$98,962
<i>Mod Notes, Sub Project, New title: New Award</i>					
G14AC00088/0	<i>Hurrican Sandy - Linking Coastal Processess and Vulnerability - Assateague Island Regional</i>	14	UD	USGS	\$150,000
<i>Mod Notes, Sub Project, New title: New Award</i>					
G14AC00122/0	<i>Collaborative Research: US Topo Evaluation and Cartographic Application for the Nation Map</i>	14	PSU	USGS	\$39,994
<i>Mod Notes, Sub Project, New title: New award</i>					



## CW CESU Projects : US Geological Survey, BRD

<i>Project Number</i>	<i>Project title</i>	<i>FY of Funding</i>	<i>Partner</i>	<i>Agency</i>	<i>Funding Amount</i>
G14AC00130/0	<i>Evaluating the Limits of Wetland Adaptability to Sea Level Rise</i>	14	VIMS	USGS	\$120,306
<i>Mod Notes, Sub Project, New title: New Award</i>					
G14AC00202/0	<i>Holocene Sedimentation and Sea Level History of the Tidal Marshes of the Potomac and Rappahannock Estuaries</i>	14	UMW	USGS	\$27,462
<i>Mod Notes, Sub Project, New title: New Award</i>					
G14AC00259/0	<i>Carbon consequences of Land Management: A Multi Region Assessment</i>	14	UMCP	USGS	\$181,001
<i>Mod Notes, Sub Project, New title: New Award</i>					
G14AC00306/0	<i>Climate Change Research Activities Synthesis</i>	14	UMCP	USGS	\$50,000
<i>Mod Notes, Sub Project, New title: New Award</i>					
G14AC00419/0	<i>Critical Wildlife Exposure Studies</i>	14	UMCP	USGS	\$72,850
<i>Mod Notes, Sub Project, New title: New Award</i>					
<b>Total Number of Actions: 11</b>		<b>Total for FY: 14</b>			<b>\$964,720.00</b>
G15AC00020/0	<i>University of Nevada LAA: Development of Landsat and Climate Products to Assist in Multi-Temporal Climate and Vegetation Monitoring in the Sierra NV and Great Basin Ecoregions</i>	15	UN	USGS	\$20,000
<i>Mod Notes, Sub Project, New title: University of Nevada, LAA</i>					
G15AC00183/0	<i>Climate Change Research Activities Synthesis (Phase II)</i>	15	UMCP	USGS	\$199,477
<i>Mod Notes, Sub Project, New title: New Award</i>					
G15AC00458/0	<i>Use of a sustained release chemical device in assessing effects of systemic insecticides</i>	15	VCU	USGS	\$20,821
<i>Mod Notes, Sub Project, New title: New Award</i>					
<b>Total Number of Actions: 3</b>		<b>Total for FY: 15</b>			<b>\$240,298.00</b>



## CW CESU Projects : US Geological Survey, BRD

<i>Project Number</i>	<i>Project title</i>	<i>FY of Funding</i>	<i>Partner</i>	<i>Agency</i>	<i>Funding Amount</i>
G16AC00250/0	<i>Molecular Methods for Distinguishing Closely Related and Morphologically Similar Bee Species</i>	16	UMCP	USGS	\$6,999
<i>Mod Notes, Sub Project, New title: New Award</i>					
G16AC00338/0	<i>The Development and Application of Wild Duck-Specific Peptide Arrays for Kinome Immunometabolic Analysis of Influenza Infection</i>	16	UD	USGS	\$47,000
<i>Mod Notes, Sub Project, New title: New Award</i>					
G16AC00382/0	<i>Determining the Underwater Hearing Abilities and the Efficacy of Sensory Deterrents on Seaducks</i>	16	UD	USGS	\$38,086
<i>Mod Notes, Sub Project, New title: New Award</i>					
G16AC00431/0	<i>Investigation into Molecular Effects of Contaminants on Wildlife</i>	16	UMCP	USGS	\$43,400
<i>Mod Notes, Sub Project, New title: New Award</i>					
<b>Total Number of Actions: 4</b>		<b>Total for FY: 16</b>			<b>\$135,485.00</b>
G16AC00338/1	<i>The Development and Application of Wild Duck-Specific Peptide Arrays for Kinome Immunometabolic Analysis of Influenza Infection</i>	17	UD	USGS	\$23,999
<i>Mod Notes, Sub Project, New title: Additional funding and time</i>					
G16AC00382/1	<i>Determining the Underwater Hearing Abilities and the Efficacy of Sensory Deterrents on Seaducks</i>	17	UD	USGS	\$37,542
<i>Mod Notes, Sub Project, New title: Additional Funding and time</i>					
G16AC00431/1	<i>Investigation into Molecular Effects of Contaminants on Wildlife</i>	17	UMCP	USGS	\$0
<i>Mod Notes, Sub Project, New title: Administrative change</i>					



## CW CESU Projects : US Geological Survey, BRD

<i>Project Number</i>	<i>Project title</i>	<i>FY of Funding</i>	<i>Partner</i>	<i>Agency</i>	<i>Funding Amount</i>
G16AC00431/2	<i>Investigation into Molecular Effects of Contaminants on Wildlife</i>	17	UMCP	USGS	\$44,076
<i>Mod Notes, Sub Project, New title: Additional Funding</i>					
<b>Total Number of Actions:</b>		<b>4</b>	<b>Total for FY: 17</b>		<b>\$105,616.90</b>
G16AC00382/2	<i>Determining the Underwater Hearing Abilities and the Efficacy of Sensory Deterrents on Seaducks</i>	18	UD	USGS	\$0
<i>Mod Notes, Sub Project, New title: extend time from origianl date - extend the budget period for Year 1 from August 14, 2017, to September 18, 2017</i>					
<b>Total Number of Actions:</b>		<b>1</b>	<b>Total for FY: 18</b>		<b>\$0.00</b>
<b>Total for: USGS</b>					<b>\$2,596,858.90</b>
<b>Total Number of Actions:</b>		<b>29</b>	<b>Total Funding for all Fiscal Years:</b>		<b>\$2,596,858.90</b>