



## *USFS - CW CESU Projects by Partner Institutions*

<i>Partner Institution</i>	<i>Project Title</i>	<i>FY of Funding</i>	<i>Funding Amount</i>
<i>Project Agreement Number</i>	<i>Mod Notes, Sub Project or New Title</i>	<i>Project Status</i>	
<b><u>Pennsylvania State University</u></b>			
11-JV-11242302-089/0	Identifying the cumulative landscape effects of shale gas development on forested ecosystems in Pennsylvania New Award	11 Active	\$105,586
11-JV-11242302-090/0	Developing an advance regeneration model for PA hardwood forest ecosystems New Award	11 Completed	\$37,600
14-JV-11242302-062/0	Cerulean Warbler response to species-specific forest management guidelines and post-fldgling habitat use and survival in managed forests New Award - non cash agreement	14 Active	\$0
14-JV-11242302-144/0	Potential range changes of vegetation populations under climate change New Award	14 Active	\$25,000
15-JV-11242302-048/0	Effects of vegetation, corridor width and regional land use on avian use and productivity within shale gas pipelines and adjacent forest habitat New Award	15 Active	\$25,260
<b>Total Number of Actions:</b>	<b>5</b>	<b>PSU</b>	<b>\$193,446.00</b>

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<b><i>University of Maryland Baltimore County</i></b>			
01-CA-11242343-096/0	The Influence of land Use and Environmental Factors on Landscape Characteristics in Urban Ecosystems New	01 Completed	\$62,700
02-CA-11242343-087/0	The Influence of land Use and Environmental Factors on Landscape Characteristics in Urban Ecosystems Continuation of 01-CA-11242343-096/0	02 Completed	\$60,500
03-CA-11242343-099/0	The Influence of land Use and Environmental Factors on Landscape Characteristics in Urban Ecosystems Continuation of 01-CA-11242343-096/0 and 02-CA-11242343-087/0	03 Completed	\$146,660
04-CA-11242343-067/0	The Influence of land Use and Environmental Factors on Landscape Characteristics in Urban Ecosystems Continuation of 01-CA-11242343-096/0; 02-CA-11242343-087/0 and 03-CA-11242343-099/0	04 Completed	\$69,302
05-CA-11242343-089/0	The Influence of land Use and Environmental Factors on Landscape Characteristics in Urban Ecosystems Continuation of 01-CA-11242343-096/0; 02-CA-11242343-087/0; 03-CA-11242343-099/0; 04-CA-11242343-067/0	05 Completed	\$63,450
05-CA-11242343-089-A1/1	The Influence of land Use and Environmental Factors on Landscape Characteristics in Urban Ecosystems Continuation of 01-CA-11242343-096/0; 02-CA-11242343-087/0; 03-CA-11242343-099/0; 04-CA-11242343-067/0	05 Completed	\$15,996

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11-JV-11242306-098/0	Spectral and 3D structural remote sensing of tree, forest structure, and land cover features at the wildland-urban interface using computer vision techniques New Award	11  Active	\$29,436
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<b>Total Number of Actions:</b>	<b>7</b>	<b>UMBC</b>	<b>\$448,044.00</b>

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<b><i>University of Maryland Center for Environmental Science Appalachian Laboratory</i></b>			
FRRE01 / FRRE40/0	CWCESU Expert Database and Final Project Library Enhancement New	06 Completed	\$11,994
FRRE40/0	Evaluating the consequences of landscape change on dispersal success of forest dwelling species New	06 Completed	\$80,001
<b><i>Total Number of Actions:</i></b>	<b>2</b>	<b>UMCES-AL</b>	<b>\$91,995.00</b>