Table 2 CETARS: Logic Model indicators of success used for project evaluation

<table>
<thead>
<tr>
<th>Inputs</th>
<th>Activities</th>
<th>Outputs</th>
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| - How many activities (outreach, short courses, etc) were planned during the first semester, summer and year for K-12 and undergraduates?  
- Number of high school student, undergraduate and graduate and PhD students that entered the program as a result of outreach  
- Number of Hispanic students including females that entered the program during the first, second, third and fourth year  
- Number of publications by faculty and graduate student as a result program research activities  
- Number of funded grants as result of program activities | - How many participants rated the short courses or career workshops as 1, 2, 3, 4 or 5, when using the 1-5 scale and 5 represents the best performance?  
- Number of students that indicated they were motivated by the career workshops to pursue career in Ag or related sciences  
- Number of federal agencies involved in the career workshops  
- Numbers of students successfully placed in internships | - Percent increase of talented Hispanic students pursuing careers in Ag or related sciences  
- Percent increase of talented students participating in undergraduate research  
- Percent increase of publications accepted in peer review journals by participating faculty and graduate students  
- Number of presentations in local and international meeting by students and faculty  
- Number of collaborations of participating faculty with other Hispanic institutions or government agencies related to Ag and related sciences in Puerto Rico and mainland  
- Percent increase in graduates in careers related to Ag  
- Number of Hispanic high school teacher trained by the program |

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<tr>
<th>Knowledge</th>
<th>Actions</th>
<th>Conditions</th>
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| - Number of high school students and teachers trained in the Globe program activities  
- Number of K-12 students that that learned about career opportunities in Ag and related sciences.  
- Number of high school students and teachers trained in the research methodologies, the scientific method and laboratory safety  
- Number of students and faculty trained in scientific writing skills  
- Number of graduate students and faculty trained in proposal writing skills | - Number of outreached students that expressed an increased interest in careers related to Ag or related sciences  
- Number of students that used the learned skills to work problems related to Ag or related sciences  
- Numbers of students that applied learned skills to solve a problem related to agro-industries  
- Number of students that applied the learned skills to help solve a water quality problem in self-sustained aqueduct in an underprivileged rural community  
- Number of students that used the learned skills to help local farmers solve water quality issues or soil problems | - Number of graduates from project placed in USDA MCO’s  
- Number of students participating in internships that were hire by the same agency  
- Number of agencies that benefited from hiring program graduates in USDA MCO’s  
- Number of agencies that recruited program graduates that expressed satisfaction with the quality of the hired professional  
- Number of underprivileged rural communities served by project participants in order to meet their water quality needs  
- Number of local agro-business impacted by program participants |