Departmental Assessment Analysis (DAA form)
"Capturing the meaning of the assessment for the program."

Instructions:
After departmental discussion and review of SLAS forms, complete the following form.
Submit form to SLO Taskforce by census date.
DAA forms will be published as “results” on the Sierra College Accreditation/SLO website

<table>
<thead>
<tr>
<th>Program/Degree/Certificate:</th>
<th>ENVIRONMENTAL STUDIES AND SUSTAINABILITY</th>
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<tbody>
<tr>
<td>Today’s Date:</td>
<td>8/15/2017</td>
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What does the department think it can do to improve teaching and learning?
• Increase hands-on learning through creation of new lab and field courses as appropriate
• Continue formative analysis in addition to summative analysis.
• Increase departmental teaching tools (maps, books, specimens, etc.) to be utilized by students during instruction.
• Continue course offerings analysis at potential transfer schools so transfer students are well prepared upon completion at Sierra College.

What help or resources are needed from the college to improve teaching and learning?
• Secure lab classroom space for ESS lab class (logical space in Sewell is already highly impacted)
• Obtain designated teaching space so that teaching tools such as classroom maps, books, and specimens can be obtained, stored and accessed for instruction. Requested classroom space in ePAR 2/2016. Currently classes are taught all over campus (V, S, F, I), not conducive to storing/transporting materials.
• Purchase appropriate additions to department teaching supplies.

What are top priorities for improvement?
• Increase course offerings (lab & field) or cross-list courses where appropriate so that Sierra College students have access to appropriate and diverse courses and are well prepared to transfer or enter workforce.

How will department implement those priorities?
• Write new course curriculum.
• Meet with other departments and Division to coordinate efforts and materials

Provide timeline.
• Curriculum submitted in S17 for new field course and F17 for lab course

Previous/ongoing actions or plans implemented (Refer to previous DAA form).
Review of California University course offerings, with an emphasis on CSU Chico, CSU Sacramento, CSU Humboldt, UC Berkeley, UC Santa Cruz and UC Davis conducted. Meeting with UCD in May 2017.
Cross-listed BIOL 14 as a cross-listed course with ESS, as guided by evidence from review of California Universities 2016-17

Goals met, changes made or evidence of improvement.
Increasing formative analysis throughout semester shows slight improvement in one course, none in the other (though small sample size makes data less significant)