## Sustainability Literacy (Quality Enhancement Plan – QEP)

<table>
<thead>
<tr>
<th>Outcome</th>
<th>Assessment Method</th>
</tr>
</thead>
</table>
| SLO1: Students can identify various elements of sustainability and the relationships between them (social, economic and environmental). | **Measure 1.1:** The United Nations Sustainability test (sulitest.org) will be administered to incoming freshmen in all FYE courses fall 2016 to provide baseline data and will subsequently be administered to seniors in senior capstone courses beginning 2017-2018. The data in this direct measure will be collected, tabulated, and tracked longitudinally by OIEP and reported to the SLI Director to analyze for inclusion in the annual QEP assessment results.  
**Performance Target:** baseline so that data driven targets can subsequently be implemented in spring 2017.  
**Measure 1.2:** Students will complete a “signature assignment” in a sustainability focused (SF) or sustainability related (SR) course addressing elements of sustainability. A rubric (see Appendix F) will be used to assess the work. This direct measure of student learning will begin fall 2017. Results will be reported by faculty members teaching the courses to the SLI faculty evaluators for tabulation, longitudinal tracking and analysis for inclusion in the yearly QEP assessment reporting.  
**Performance Target:** baseline so that data driven targets can subsequently be implemented.  
**Measure 1.3:** A survey will be administered (see Appendix B) to students in College residence halls and subsequently via email which will provide both direct and indirect measures for building awareness of sustainability literacy. The initial survey will be administered fall 2016 to provide baseline data for the QEP program. Data will be collected, tabulated, and tracked longitudinally by the SLI Fellow and the analysis reported in the yearly assessment results.  
**Performance Target:** baseline so that data driven targets can subsequently be implemented in fall 2017.  
**Measure 1.4:** Administer a survey to attendees at SLI events to measure self-reported increase in awareness of sustainability issues (see Appendix G for survey instrument) survey will be administered at all sustainability literacy events beginning fall 2017 (see Appendix G for survey instrument). Data will be collected, tabulated, and tracked longitudinally by the Sustainability Literacy Institute (SLI) Outreach Fellow and the analysis will be reported in the yearly assessment results.  
**Performance Target:** baseline so that data driven targets can subsequently be implemented.  
**Measure 1.5:** Administer the NSSE survey which includes the sustainability module questions to freshmen and seniors (see Appendix H for Sustainability module instrument). The survey is administered by the Office of Institutional Effectiveness and Strategic Planning (OIEP) every third year.  
**Performance Target:** Baseline data was collected spring 2016 and these survey results will be compared with survey results obtained in the 2018-2019 survey implementation. NSSE Survey sustainability module results will be reported to the SLI Director for analysis and inclusion in the annual QEP assessment reporting.  
**Measure 1.6:** Administer a survey to attendees at the Career Center “boot camp” (see Appendix G for survey instrument). The initial survey will be administered spring 2018 to provide baseline data for the QEP program. Data will be collected, tabulated, and tracked longitudinally by the SLI Fellow and the analysis reported in the yearly assessment results. Performance target is set to baseline so that data driven targets can subsequently be implemented in fall 2019.  
**Measure 1.7:** A count of students in attendance during QEP informational presentations presented by the SLI Director and SLI Fellows during accepted student weekend each March, and orientation sessions each summer. |
Sustainability Literacy (Quality Enhancement Plan – QEP)
(continues)

<table>
<thead>
<tr>
<th>Outcome</th>
<th>Assessment Method</th>
</tr>
</thead>
</table>
| SLO2: Students can identify key ways to be more sustainable in their personal life and on-campus. | **Measure 2.1:** (Direct Measure): Administer a sustainability pre- and post-test (see Appendix I) to incoming freshman class which will provide a measure of students' understanding of ways they can be more sustainable in their personal lives. The test will be administered during all First Year Experience classes following a sustainability teaching module in fall 2016/spring 2017, and the post-test will be administered at the end of the semester and used as baseline data. Data will be collected and tabulated by the Center for Excellence and Peer Education and then tracked longitudinally by the SLI Director and the analysis will be reported in the yearly assessment results. Performance targets will initially be set to baseline so that data driven targets can subsequently be implemented.  
**Measure 2.2:** (Direct Measure): Students will complete a Signature Assignment in a sustainability focused (SF) or sustainability related (SR) course addressing elements of sustainability. A rubric (see Appendix F) will be used to assess the work. This assessment of student learning will begin fall 2017. Results will be forwarded to Faculty evaluators in SLI for tabulation, longitudinal tracking and analysis for inclusion in the yearly QEP assessment reporting. Performance target is set to baseline so that data driven targets can subsequently be implemented.  
**Measure 2.3:** (Direct Measure): Students in the Sustainability Literacy Scholars program will complete a portfolio of work which is submitted to the program director in the students' senior year. The portfolio will be evaluated using a rubric (see Appendix J). This assessment is expected to begin in 2018-2019. Data will be collected, tabulated, and tracked longitudinally by Faculty Fellows in the SLI and the analysis reported in the yearly assessment results. Performance target is set to baseline so that data driven targets can subsequently be implemented in fall 2019. |
| SLO3: Students will identify policies and practices that have led to unsustainability. | **Measure 3.1:** (Direct Measure): Students will complete a Signature Assignment in a sustainability focused (SF) or sustainability related (SR) course addressing elements of sustainability. A rubric (see Appendix F) will be used to assess the work. This assessment of student learning will begin fall 2017. Results will be forwarded to Faculty evaluators in SLI for tabulation, longitudinal tracking and analysis for inclusion in the yearly QEP assessment reporting.  
**Performance Target:** baseline so that data driven targets can subsequently be implemented.  
**Measure 3.2:** (Direct Measure): Rubric review of journals and portfolios from study abroad trips, Alternative Break trips, and Sustainability Literacy Scholars portfolios (see Appendix J). This assessment will begin in spring 2018 and will be completed by SLI Faculty Fellows.  
**Performance Target:** baseline so that data driven targets can subsequently be implemented. |
## Sustainability Literacy (Quality Enhancement Plan – QEP)

*(continues)*

<table>
<thead>
<tr>
<th>Outcome</th>
<th>Assessment Method</th>
</tr>
</thead>
</table>
| SLO4: Students will synthesize knowledge from two or more systems to address a sustainability problem. | **Measure 4.1** (Direct Measure): Students will complete a Signature Assignment in a sustainability focused (SF) or sustainability related (SR) course addressing elements of sustainability. A rubric (see Appendix F) will be used to assess the work. This assessment of student learning will begin fall 2017. Results will be forwarded to evaluators in SLI for tabulation, longitudinal tracking and analysis for inclusion in the yearly QEP assessment reporting.  
**Performance Target:** baseline so that data driven targets can subsequently be implemented.  
**Measure 4.2** (Indirect Measure): The SLI Director will track the number of submissions to the “College Sustains/Solves” solution of the year program each year. (Direct Measure): Submissions will be assessed by a jury using selection criteria which will be posted on sustain.cofc.edu.  
**Measure 4.3** (Direct Measure): Student-faculty collaborative research, will be evaluated using a rubric adapted from the AAC&U Integrative Learning Rubric (see Appendix K). The students completing this work will be incentivized to engage with the SLI to participate in sustainability-focused research. A committee of SLI Fellows and Faculty Associates will evaluate the student artifacts. This assessment will begin spring 2018. Data will be collected, tabulated, and tracked longitudinally by the SLI Fellow and the analysis will be reported in the yearly assessment results.  
**Performance Target:** set to baseline so that data driven targets can subsequently be implemented.  
**Measure 4.4** (Direct Measure): Student expression of the year winning art entry will be evaluated using a rubric (see Appendix F).
Sustainability Literacy (Quality Enhancement Plan – QEP)

(continues)

<table>
<thead>
<tr>
<th>Outcome</th>
<th>Assessment Method</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>SLO5:</strong> Students will demonstrate the impact of production/consumption practices on social, economic and/or ecological systems.</td>
<td><strong>Measure 5.1</strong> (Direct measure): The United Nations Sustainability test will be administered to incoming freshmen in all FYE courses fall 2016 to provide baseline data and will subsequently be administered to seniors in senior capstone courses beginning 2017-2018. The data in this direct measure will be collected, tabulated, and tracked longitudinally by OIEP and reported to the SLI Director to analyze for inclusion in the annual QEP assessment results. <strong>Performance Target:</strong> set to baseline so that data driven targets can subsequently be implemented in spring 2017. <strong>Measure 5.2</strong> (Direct Measure): Students will complete a Signature Assignment in a sustainability focused (SF) or sustainability related (SR) course addressing elements of sustainability. A rubric will be used to assess the work (see Appendix F). This assessment of student learning will begin fall 2017. Results will be forwarded to evaluators in SLI for tabulation, longitudinal tracking and analysis for inclusion in the yearly QEP assessment reporting. <strong>Performance Target:</strong> set to baseline so that data driven targets can subsequently be implemented. <strong>Measure 5.3</strong> (Direct Measure): Students in the Sustainability Literacy Scholars program will complete a portfolio of work which is submitted to the program director in the students’ senior year. The portfolio will be evaluated using a rubric (see Appendix J). This direct measure is expected to begin fall 2018/spring 2019. Data will be collected, tabulated, and tracked longitudinally by the SLI Director and the analysis reported in the yearly assessment results. <strong>Performance Target:</strong> set to baseline so that data driven targets can subsequently be implemented in fall 2019. <strong>Measure 5.4</strong> (Direct and Indirect Measure): Students participating in experiential learning will complete a journal (service learning, study abroad, internships) or other artifact which is submitted to the SLI Fellow who will evaluate using a rubric guided by AAC&amp;U Integrative Learning Rubric (see Appendix K). This measure is expected to begin fall 2017. Data will be collected, tabulated, and tracked longitudinally by the SLI Fellow and the analysis will be reported in the yearly assessment results. <strong>Performance Target:</strong> set to baseline so that data driven targets can subsequently be implemented.</td>
</tr>
<tr>
<td><strong>SLO6:</strong> Students will design a solution to a sustainability problem.</td>
<td><strong>Measure 6.1</strong> (Direct Measure): Rubric-based assessment of student-faculty research for application of sustainability literacy in sustainability problem solving (see Appendix F). <strong>Measure 6.2</strong> (Direct Measure): Rubric (see Appendix F) will be used to evaluate essays and assignments in sustainability-focused courses for application of sustainability literacy in sustainability problem solving. <strong>Measure 6.3</strong> (Direct Measure): Rubrics (see Appendix J) will be used by Sustainability Literacy Scholars’ mentors to evaluate student portfolios for application of sustainability literacy in sustainability problem solving. <strong>Measure 6.4</strong> (Direct Measure): Rubric-based assessment of student competition winners for application of sustainability literacy in sustainability problem solving (see Appendix F). (Direct)</td>
</tr>
</tbody>
</table>
(continues)

<table>
<thead>
<tr>
<th>Outcome</th>
<th>Assessment Method</th>
</tr>
</thead>
</table>
| SLO7: Students are advocates for resiliency at the individual, institutional, community, national or international level. | **Measure 7.1** (Indirect measure): Track the number of students in the Senior Exit Survey who report sustainability literacy informed their career choice, volunteer activity, community engagement, graduate school choices and/or internships. This assessment will begin spring 2018. The survey is administered by OIEP. The SLI Fellow will track and evaluate the survey data provided by OIEP and provide analysis to be reported in the annual QEP assessment report.  
**Performance Target:** set to baseline so that data driven targets can subsequently be implemented.  
**Measure 7.2** (Indirect measure): Track alumni employment data and community service data related to sustainability focus/related areas. The data will be provided through OIEP's alumni survey. This assessment will begin fall 2018. The SLI Fellow will track and evaluate the data and provide analysis to be reported in the annual QEP assessment report.  
**Performance Target:** set to baseline so that data driven targets can subsequently be implemented.  
**Measure 7.3** (Direct Measure): Students in the Sustainability Literacy Scholars program will complete a portfolio of work which is submitted to the program director in the students' senior year. The portfolio will be evaluated using a rubric (see Appendix J). This direct measure is expected to begin fall 2018/spring 2019. Data will be collected, tabulated, and tracked longitudinally by the SLI Director and the analysis reported in the yearly assessment results.  
**Performance Target:** set to baseline so that data driven targets can subsequently be implemented in fall 2019.  
**Measure 7.4** (Direct Measure): Students participating in alternative break will complete a journal or other artifact which is submitted to the SLI Fellow who will evaluate using a rubric guided by AAC&U Integrative Learning Rubric (see Appendix K). This measure is expected to begin fall 2017. Data will be collected, tabulated, and tracked longitudinally by the SLI Fellow and the analysis will be reported in the yearly assessment results.  
**Performance Target:** set to baseline so that data driven targets can subsequently be implemented.  
**Measure 7.5** (Indirect Measure): Students participating in the day of service will complete a short survey (see Appendix L). Data will be collected, tabulated, and tracked longitudinally by the SLI Fellow and the analysis will be reported in the yearly assessment results.  
**Performance Target:** set to baseline so that data driven targets can subsequently be implemented. |