1) Accomplishments of the EIC:

- Ongoing implementation of “SUS” designation course attribute.
  - Two virtual workshops held in collaboration with SPARC to walk faculty through the application process.
  - Two application cycles were completed during Fall and Spring Semesters, resulting in the designation of 18 classes, 4 of which were for all sections of the course regardless of instructor, from three colleges as well as the Library and Honors. These are the courses which were approved:

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Section</th>
<th>Instructor Name</th>
</tr>
</thead>
<tbody>
<tr>
<td>SUS-GEO 1030</td>
<td>Earthquakes and Volcanoes</td>
<td>S</td>
<td>Tems Caitlin</td>
</tr>
<tr>
<td>SUS-GEO 1710</td>
<td>Introduction to GIS</td>
<td>S</td>
<td>Frazier Ryan</td>
</tr>
<tr>
<td>SUS-GEO-3710</td>
<td>Introduction to GIS</td>
<td>S</td>
<td>Frazier Ryan</td>
</tr>
<tr>
<td>SUS-GEO-3840</td>
<td>Remote Sensing: Principle and Application</td>
<td>S</td>
<td>Frazier Ryan</td>
</tr>
<tr>
<td>SUS-GEO-1000</td>
<td>Natural Environments of the Earth</td>
<td>ALL</td>
<td>SBS Groves Maria</td>
</tr>
<tr>
<td>SUS-GEO-1500</td>
<td>Science of Global Warming</td>
<td>ALL</td>
<td>SBS Groves Maria</td>
</tr>
<tr>
<td>SUS-GEO-2400</td>
<td>Cartography and Map Design</td>
<td>SBS</td>
<td>Frazier Ryan</td>
</tr>
<tr>
<td>SUS-GEO-3050</td>
<td>Weather and Climate</td>
<td>SBS</td>
<td>Bedford Dan</td>
</tr>
<tr>
<td>SUS-GEO-3500</td>
<td>Geography of Utah</td>
<td>SBS</td>
<td>Bryson Jeremy</td>
</tr>
<tr>
<td>SUS-GEO-4400</td>
<td>Cartography and Map Design</td>
<td>SBS</td>
<td>Frazier Ryan</td>
</tr>
<tr>
<td>SUS-GEO-4410</td>
<td>Sustainable Land Use Planning</td>
<td>ALL</td>
<td>SBS Dorsey Bryan</td>
</tr>
<tr>
<td>SUS-GEO-4600</td>
<td>Geospatial Programming and Online Methods</td>
<td>SBS</td>
<td>Frazier Ryan</td>
</tr>
<tr>
<td>SUS-HNRS-2040</td>
<td>Topics in Life Sciences: Tree of Life</td>
<td>HNRS</td>
<td>Root Heather</td>
</tr>
<tr>
<td>SUS-LIBS-1704</td>
<td>Information Navigator</td>
<td>Library</td>
<td>Meiser Diana</td>
</tr>
<tr>
<td>SUS-MICR-3502</td>
<td>Environmental Health</td>
<td>ALL</td>
<td>S Culumber Michele</td>
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<tr>
<td>SUS- QUAN-3610</td>
<td>Business Statistics II</td>
<td>GSBE</td>
<td>Roberts Gavin</td>
</tr>
<tr>
<td>SUS-SOC-1010</td>
<td>Introduction to Sociology</td>
<td>SBS</td>
<td>Morris R.C.</td>
</tr>
<tr>
<td>SUS-SOC-4220</td>
<td>Life in a Consumer Society</td>
<td>SBS</td>
<td>Ollilainen Marjukka</td>
</tr>
</tbody>
</table>
With Covid-19 restrictions limiting the possibility for on-campus gatherings and events during AY2020-21, the number of sustainability-related campus events sponsored and/or supported by the EIC was more limited than in previous years. In spite of these challenges, a number of events were successfully conducted, including the following:

- **Utah Climate Action Week** - Sept. 22, 2020, “Transforming Cultures to Create a Sustainable Civilization,” Erik Assadourian, former senior fellow of Worldwatch Institute, writer and researcher. This was part of the weekly Climate Change and Culture Shift series organized by Alice Mulder.

- Members of the EIC helped in the planning and implementation of the fully online *Intermountain Sustainability Summit*, March 18, 2021. EIC members were lined up to help moderate sessions and serve as student poster judges. For the second year in a row, the Summit was held online this year due to the pandemic. Registration for the event was the highest ever at 408, with many WSU registrants. Each of the keynote webinars had about 125 people in attendance. Overall the event was very well received by participants and presenters alike. Three workshops were also offered including one on Climate Action Planning with 56 registrants.

- For the 2nd year in a row, WSU was the Utah host institution for the *National/International Solve Climate by 2030* Webinar event April 7, 2021. Alice Mulder, Mark Stevenson, Joanna Gautney, Julian Chan, along with Leah Murray (Political Science) and Katherine Meyr (SPARC intern), led this event. For a list of guest speakers, go to [http://www.solveclimateby2030.org/](http://www.solveclimateby2030.org/). 254 individuals registered to attend the live webinar or view the recording.

- The EIC administered the Faculty and Student Sustainability Research Awards (two to students and three this year to faculty) given by SPARC and the Alumni Association. The following faculty were recognized with awards this year ($1000 each):
  - **Jeremy Farner** (Building & Construction Management) - “Solar Decathlon Net-Positive Home in Ogden”
  - **Therese Grijalva** (Economics) - “Valuation of Species Preservation”
  - **Heather Root** (Botany) - “Grazing disturbance promotes exotic annual grasses by degrading soil biocrust communities”

- Student sustainability research awards ($500 each) were given to:
  - **April Callister**, Exercise and Nutrition Sciences (aprilcallister@mail.weber.edu) (Faculty Advisor - Dr. David Aguilar-Alvarez): “Effects of Indigenous Diet Iron Content and Location on Hemoglobin Levels of Ghanaians”
○ Thomas DeWitt, Physics, (Faculty Advisor, Dr. Dan Bedford): “Analyzing the Influence of Traffic on the Urban Heat Island”

- EIC members contributed ideas and in some instances articles for the monthly WSU Sustainability Newsletter.

- An EIC subcommittee made some progress on increasing the number of SUS designated Gen Ed courses (five were designated this year), a necessary component to implement a proposal that is in development for a sustainability-themed general education “track” in General Education.

- Related to the university’s overarching goal of reducing Scope 3 emissions generated by university travel and commuting, the EIC invited WSU’s Director of Purchasing Nancy Emenger in December to discuss the challenges of potential approaches to tracking carbon emissions generated through university travel, as well as possible means of incentivizing lower carbon travel/remote conference attendance, etc. In addition, there was a discussion concerning university policy on green/sustainable purchasing and reducing consumption.

- EIC members reviewed and gave feedback on development of an institution-wide Sustainability Strategic Plan, which is being spearheaded by Jennifer Bodine, Sustainability Manager with the WSU Energy & Sustainability Office, and SPARC. The resulting document will describe the overarching framework and goals for coordinated sustainability initiatives across the university. This is being developed in support of the goal of reaching STARS Gold certification, which is stated in the university’s strategic plan which was completed in Spring 2021.

2) Number of committee meetings held since August 2020:
Since the EIC was unable to hold its annual retreat in May 2020 due to Covid-19 restrictions, a virtual retreat-orientation was held on August 13, 2020. Regular monthly meetings were held 8 times in 2020-21. All meetings were held virtually via Zoom.

3) Attendance of committee members:
Attendance was monitored throughout the year; see attached record of attendance.

4) Particular people:
- Mary Foss served as the chair for the Sustainability Research Awards Committee managing the review of student and faculty submissions. She also served as a reviewer of the SUS applications.
- Saori Hanaki served on both the SUS Attribute Review Committee and the Sustainability Research Awards Committee
- Gavin Roberts was an active member who served on multiple subcommittees, including the Student & Faculty Sustainability Research Awards, the SUS Course
Attribute Review Committee, the organizing committee for the Intermountain Sustainability Summit, and he continued to oversee the ongoing project to develop faculty resources for teaching sustainability using the Canvas platform.

5) **Subcommittees or special assignments:**

- Subcommittee for the Student & Faculty Sustainability Research Awards - Mary Foss (chair), Joanna Gautney, Saori Hanaki, Gavin Roberts, Abraham Smith.
- Planning and implementation of the Intermountain Sustainability Summit - Alice Mulder, Gavin Roberts, Mark Stevenson.
- SUS Course Attribute Review Committee - Alice Mulder (chair), Jaylynn Bryson, Julian Chan, Courtney Craggett, Mary Foss, Saori Hanaki, Gavin Roberts.
- Development and maintenance of content for SPARC’s web-based sustainability resource hub for the WSU and wider community - Daniel Pyle, Gavin Roberts.
- Sustainability in the Curriculum - Alice Mulder, Mark Stevenson.
- Solve Climate by 2030 webinar planning committee: Alice Mulder (chair), Julian Chan, Joanna Gautney, Leah Murray (ex officio), Mark Stevenson.

6) **EIC standing charges in addition to suggestions for special tasks/topics the EIC may pursue for 2021-2022.**

**Standing charges:**

a) Organize the EIC subcommittee for the *Student & Faculty Sustainability Research Awards*, which is responsible for the advertisement/promotion on campus, judging of submissions, and making awards (sponsored by the SPARC and Alumni Association) during Spring semester each year.

b) Contribute to the planning, management, promotion and hosting of events in the campus sustainability speaker, film, and discussion series (working with SPARC as the central coordinator), 2-3 events per semester.

c) Support the SPARC in the planning and implementation of the Intermountain Sustainability Summit. Two to four EIC members will serve on the planning committee for the annual Intermountain Sustainability Summit in March. EIC members also serve as moderators/judges/volunteers on the day of the Summit.

d) Work with the SPARC on content for the campus sustainability newsletter (3-4 issues per semester).

e) Support efforts to advance the inclusion of sustainability in general education at WSU. For 2021-22 - this is to further develop and ideally submit a proposal to the Gen. Ed. Committee for an optional sustainability-themed path through Gen. Ed.

f) Collaborate with the SPARC in the development and maintenance of content for SPARC’s web-based sustainability resource hub for the WSU and wider community.

g) Continue to support efforts to expand partnerships across campus with various programs/departments, e.g., Wellness, the WSU Outdoor Program, alumni,
student affairs, Center for Community Engaged Learning, student organizations, and in the broader community (e.g., Ogden City) to envision and implement sustainability-related initiatives.

h) Maintain the SUS Attribute Review subcommittee (made up of the faculty director of SPARC/EIC co-chair and one faculty experienced with sustainability teaching from each college, ideally EIC members) for the review of courses submitted for possible SUS designation.

Potential special topics/tasks for EIC for the 2021-2022 year:

a) Development of a campus-wide recognition program or award for sustainability-related teaching, community projects and/or campus-internal efforts to promote sustainability.

b) Potential development of sustainability course-based small grants.

c) Explore support for a mandatory carbon fee/offset related to campus parking, following trial of voluntary option in place for 2021-22.

d) Support working toward SPARC’s goal to have 100% of all academic departments at WSU offer at least one SUS designated course.

e) Development of a climate teach-in event in conjunction with the national/international Solve Climate by 2030 initiative in March, 2022.

APPENDIX

- [2020-21 Meeting Minutes](#)
- [2020-21 attendance record](#)