

Chancellor's Sustainability Committee Meeting Minutes
Tuesday, January 8th, 2019 3:00 - 4:30
Cheadle 5123

Attendance: Renee Bahl (Co-Chair), Derek Musashe, Jewel Persad (staff), David Lea (Co-Chair), Shivkumar Chandrasekaran, Janet Walker, Sangwon Suh, Kathryn Foster, Eric McFarland, Kristin Antelman, Ken Hiltner, Jacob Godfrey (advisor), Garry Mac Pherson, Mo Lovegreen (advisor), Bill Shelor (Advisor), Quinn Lyon, Kathryn Foster

Absent Committee Members: Roland Geyer, Igor Mezic (advisor), Alan Heeger (advisor), Hunter Lenihan, Henning Bohn, Dennis Whelan, Britt Ortiz, Mark Brzezinski,

Other Attendance: Katie Maynard, Amorette Getty, Jessie Schmitt

Announcements (3:00 – 3:08):

- a) Seminar by Daniel Kammen - An Energy Plan the Earth Can Live With, Jan 10th, 2019 at 4:00 PM in ESB 2001
- b) TGIF Applications due February 4th - All final applications must be submitted by 5 p.m. on Feb 4th, 2019. The Green Initiative Fund (TGIF) provides funding for projects which “green” our campus and reduce the University’s impact on the environment.
- c) Carbon Offset Research Panel by Living Lab
11:30 - 1:00 PM, Tuesday Feb 5th. Flying A Room, UCEN
Panelist: Sangwon Suh, Bren School, James Saltzman, Bren School, Raymond Clemencon, Global Studies, Barbara Haya, Center for Environmental Public Policy (CEPP), UC Berkeley, Elizabeth Szulc, CNI Fellow
- d) Other events: Mellon Sawyer Seminar Events - BEYOND THE SPILL: THE HISTORY AND POLITICS OF OIL IN CALIFORNIA: January 24-25, 2019
Thursday, January 24, 5:00pm - 8:00pm
Digital Arts and Humanities Commons and Wireframe Studio (Music 1410)

Updates (3:08 – 3:13):

- a) UCOP Visit to Discuss Carbon Offset RFI – Barbara Haya (Research Fellow Center for Environmental Public Policy, and California Institute for Energy and Environment University of California, Berkeley) & Nick Balistreri (Renewable Energy Manager, UCOP) from the UC Carbon Abatement Technical Committee will be visiting UC Santa Barbara on Feb 5th and 6th to solicit RFIs for potential offset projects. Goal of RFI - The ultimate goal of this RFI is to develop a list of feasible, well-vetted project proposals that campus decision-makers can use as the basis for selecting and helping finance a portfolio of UC-initiated offset projects. As an interim step, they are potentially offering awards of up to

\$70,000, depending on project size and co-benefits, to bring each selected project closer to implementation. Their visit will include:

- a. Presentation and discussion with the CSC at our Feb 5th meeting
- b. Carbon Offset Workshop from 3 - 5pm on Feb 6th in Ellison 2609
- c. Meetings where possible

Minutes (3:13 – 3:15):

- a) Approve Meeting Min. from December (attached) – David moved to approve, Eric second, all voted in favor

Presentation and Discussion (3:15 – 3:50):

- b) Co-sponsor the Eunice Foote Exhibition in the Library - There is going to be an exhibit in library next fall or winter and they have asked if we can be a co-sponsor. Tyndall was published in the same paper. Tyndall's work was much more extensive but she was the first.

Where will the exhibit be located? It will be on first floor of library and will be brief. There is paper and some other supporting information. Should we take a formal vote on co-sponsoring the event? Janet moved, ken second, all voted in favor. Committee will follow-up regarding co-sponsor guidelines.

- c) Environmental Humanities Initiative - Ken Hiltner (25 min)

The Environmental Humanities initiative website was created to consolidate the humanities initiatives on our campus. Within the environmental humanities there are over 70 faculty doing research and hundreds of courses on the environment. Under programming on the website we update all courses and department information regularly, including graduate courses. We also maintain a database of environmental humanities art projects and architecture.

One of the biggest projects Ken Hiltner is working on is the nearly carbon neutral conference model. They have hosted 5 nearly carbon neutral conferences. This has brought a lot of attention to EHI. The whole conference takes place online. All talks are pre-recorded (15 or 20 min) and the conference stays open for 3 weeks and Q&A takes place under the video load. This gives everyone a lot of time to respond. This type of conference has 1% of the footprint of a traditional conference. Air travel is a big part of our emissions and will only continue to rise as we reduce scope one and two emissions.

We have had very good feedback on our conferences. They are more inclusive to folks of all economic levels. All talks are close caption making them fully accessible.

Ken Hiltner is also teaching an intro to environmental humanities class (5000 years of literature and culture), now in Campbell hall with 800 students. Hiltner received \$500,000 gift to teach a two class summer program with a certificate.

Discussion:

How do you keep the website current? We have a graduate student that goes through and updates the content on a yearly bases.

Organization of discussion? Might be hard to go through all of Q&A, do people have time to go through all of the material? People spend far less time with this approach because they don't travel. You subscribe to a panel and every time there is a question you get an email, it is pretty easy to scan through.

Small group conversations are one of the benefits of an in person conferences, how do you incorporate this into your virtual conference? We have a Café that is open for an hour based on time zones for conversations. It is a kind of social media and some groups such as millennials are equipped to get on board with this. Many people feel as strong about their social media relationships as their in person relationships.

On the website we have a white paper practical guide available for folks interested in hosting a virtual conference. Biodiversity International used our whitepaper to stage their own. The department of energy has also done one.

Most of world is excluded from work that is presented at conferences. With this model everything is easily accessible and free.

How do we incorporate it into the work of the CSC? If people on campus that normally go to conference participate? How do we translate into flying somewhere else?

We could have a room optimized to help faculty to give virtual presentations. It could make it infinitely easier.

Could the campus take a lead on this? Is there something the campus is hosting that we could convert to this model? We could publicize this model.

For certain conferences this will work well but for other conferences it won't work. If 20% of conferences are like this, it would have a huge impact.

Committee Updates (3:50 – 4:20):**a) Energy & Climate – David Lea (20 min)**

The Chancellor requested David Lea join him at UCOP and present our FoveaCAP to the UC President where they presented a half dozen slides on how we will meet the 2025 goals.

All campuses are now using the Fovea tool to track emissions and progress towards our carbon neutrality goal and are required to report to the President on an annual basis.

UCSB represents a great opportunity to achieve Carbon neutrality because of our comparatively low emissions, lack of CHP, and opportunities for electrification. Key campus strategy for Carbon neutrality is aggressive energy efficiency improvements in existing buildings.

\$29 million CAPEX in energy efficiency reaps \$50 million savings in OPEX, with co-benefits in improved spaces for working, learning and living. We can get ¾ of way with renewables and energy efficiency.

Each campus has been asked to reduce EUI 2% per year. The downward trend in our EUI reflects energy efficiency improvements during that time frame. And the surge is because we are housing more students on campus.

David Lea teaches a global warming class in fall and had the students come up with a campaign for CNI, they came up with some really great ideas.

After presenting to the president, she said we are on the right track and let's get this done.

b) Committee Updates Schedule

Other Items (4:20-4:30)

Anything you would like to put on the agenda in the future? It would be great to have a website for the campus, outfacing for the community.

We do have a core website for Sustainability but are going through a process of rebranding our website. We also have the CERL website focused on environmental curriculum that John Foran is taking lead on. There is also going to be a environment.ucsb.edu website to bring together all of the different programs across the UC Santa Barbara campus.

Do we feel like we are getting adequate play on campus for CNI, do we need to do a better job of communicating it? Library is installing a giant touch e-board. It would be great if we could show sustainability materials and the energy dashboard on this.