

Present:

Larry Erickson, ChE, KNRC, and CHSR
Huston Gibson, KSU LA/RCP

Carol Sevin, K-State Libraries
Ellen Urton, K-State Libraries

1. Review of the agenda

- Huston Gibson will share resources under agenda item 4, Sustainable Communities

2. Dialog on Sustainability evaluation

see: <https://www.engg.ksu.edu/chsr/sustainability/dialogs/2016dos>

- Larry Erickson: Attendance at the recent Dialog on Sustainability (July 23, 2016) was strong and there was a real positive aspect in terms of the interaction between community members and students in the Research Experience for Undergraduates. The 2016 dialog centered on timely topics including the Paris Climate Agreement and the Clean Power Plan and the feedback on the Dialog has been positive.

3. Sustainable Brownfields (TAB)

- Larry Erickson: The Center for Hazardous Substance Research includes a brownfields program that provides information to communities and helps them to address brownfield projects. TAB has worked in about half of the states to provide services and they are hoping to get another award to renew TAB efforts as issues related to sustainability are ever present.

4. Sustainable Communities

Huston Gibson:

- Huston recently attended the Community Development Society (CDS) & International Association for Community Development (IACD) Annual International Conference (July 24-27, 2016 in Bloomington, Minnesota). The theme was "Sustaining Community Change: Building Local Capacity to Sustain Community Development Initiatives." These documents featured prominently:
 - The United Nations' *Transforming our world: the 2030 Agenda for Sustainable Development* (adopted at the United Nations Sustainable Development Summit, September 25, 2015 and approved by the United Nations Department of Economic & Social Affairs; replaces Agenda 21).
<https://sustainabledevelopment.un.org/post2015/transformingourworld>
 - *Urbanization and Development: Emerging Futures World Cities Report 2016* (from the United Nations Human Settlements Programme); this document will be embedded into Huston's World Cities course (PLAN415, Spring 2016).
<http://wcr.unhabitat.org/>
- Paris Agreement came out of an effort to address climate change specifically whereas the 2030 Agenda includes climate change as 1 of 17 goals.
- Larry Erickson: Another resource from the U.N. is "The Future We Want," a campaign used to promote the United Nations Conference on Sustainable Development held in Rio de Janeiro, June 20-22, 2012.
<http://futurewewant.org/>

Larry Erickson: We are in the beginning stages of process of getting an air quality project started in Chicago, which is funded by the EPA.

- Larry Erickson: The project involves working with people in environmental justice communities to provide equipment to monitor air quality and help educate them regarding the quality of the air in their communities;
 - Working with stakeholders and community members to help improve air quality; EPA seems to be very interested in low-cost sensors for measuring carbon monoxide either indoors or outdoors; particulate matter and nitrogen dioxide are also included;
 - In this particular case they are focusing on the variation of concentration as a function of position (i.e. near to or far from the street) and transience (i.e. during rush hour traffic versus Sunday morning).

- Carol Sevin: came to K-State by way of Oregon State University and shared that at the Corvallis Public Library there were air quality sensors available for check out for members of the community to measure the air quality of their homes.

5. Solar Powered Charge Station Project and DOE Challenge

– Plans for K-State Parking Lot

- Larry Erickson: Moving forward to put solar panels in parking lots to enable people to park in the shade of solar panels and charge their cars. The K-State Parking committee is supposed to have a sub-committee to work on this – if you're interested please let Larry know and he can put your name forward. The subcommittee is considering what to put up, where, and how to structure it to afford additional panels.

6. Sustainability Seminars

- Larry Erickson: Students involved in the Research Experience for Undergraduates also contributed to the recent publication, *Solar Power Charging Infrastructure for Electric Vehicles: A Sustainable Development*, book by Larry E. Erickson, Jessica Robinson, Gary Brase, and Jackson Cutsor. Larry delivered 2 copies to the K-State Libraries and one to the Manhattan Public Library
- Larry Erickson: Dr. Brian Niehoff, Associate Provost & Professor in the College of Business Administration, has been assigned to take responsibility for sustainability leadership at K-State. He attended the Dialog on Sustainability this summer and is working to pull together some efforts on campus.
- Huston Gibson: Mason Herrman is the Sustainability Chair for the Student Government Association and a 3rd year student in regional and community planning. Mason is seeking ideas for projects to champion. Carol & Ellen shared that the Students for Environmental Action will meet this Thursday, 5:30 p.m. in Leadership Studies (Room 112).
- Larry Erickson: There appear to be some students interested in a sustainability seminar program.
- Carol Sevin: Carol and Ellen are becoming more active in the American Library Association's Sustainability Round Table which holds regular webinars; Carol recently proposed a topic for the series and asked Ben Champion to speak as part of a panel highlight challenges faced by universities attempting to grow support for sustainability initiatives from the ground-up.

7. Ecoliteracy Book Club

- *Solar Power Charging Infrastructure for Electric Vehicles: A Sustainable Development*, by Larry E. Erickson, Jessica Robinson, Gary Brase, and Jackson Cutsor.
- From Carol Sevin:
 - *In the City of Bikes: The Story of the Amsterdam Cyclist* by Pete Jordan
 - *Worms Eat My Garbage: How to Set Up and Maintain a Worm Composting System* by Mary Appelhof and Mary Frances Fenton

8. Next Meeting: Tuesday, November 29, 2016 at 3:30 p.m.

9. Other

10. Future events

- September 23: Climate Change Seminar at 10:00 a.m., Rathbone 1063 - John Knight
- September 23-25: The Land Institute's Prairie Festival, Salina
- October 3: Henry Gardiner Lecture at 7:00 p.m., McCain, Jay Familglietti on Global Water Supply
- October 6: Community Forum on Environmental Issues, Prairie Village, KS, 5:30 p.m.
- October 12: Thomas Campanella, PhD, "American Curves: Nature, Race and the Origins of the Modern Highway", K-State Union Forum Hall, 4:00 p.m. (as part of the College of Architecture, Planning & Design's 2016-17 Distinguished Lecture Series)

11. All University Campaign and CESAS funding

- The account is I24260 and fund name is Environmental Stewardship and Sustainability.