

Present:

Larry Erickson, ChE, KNRC, and CHSR
Donna Schenck-Hamlin, CECD/ICDD
Lee Skabelund, LA/RCP
Ellen Urton, K-State Libraries

1. Review of the agenda
 - Approved with the addition of an announcement from Lee Skabelund and Donna Schenck-Hamlin's event discussion items.
2. Upcoming Events
 - Lee Skabelund: There will be a green roof/green infrastructure presentation and discussion at the Purple Masque Theater (on Thursday April 27, 2017 -- 6:30-8:15pm. This is collaboration between LA/RCP and members of the KSU Theatre program who plan to do some type of reading about climate change and/or the environment.
 - Donna Schenck-Hamlin is proposing to bring documentary filmmaker, (*E.O. Wilson of Ants & Men*) Graham Townsley, to K-State as a distinguished lecturer during the week of April 10th (Tuesday & Wednesday) which is the CECD's "Reimagining K-State" week, which includes the "Reconstructing Civility" symposium. They are seeking funds from the distinguished lecture series. Donna anticipates a lecture, film showing and opportunities for Graham Townsley to interact with classes and tour the Konza and the topic of his lecture is, "A Necessary Art: Narrative and Reality in Documentary." A \$500 donation from CESAS was approved.
3. New Sustainability Efforts at K-State
 - Larry attended an economic development gathering, a K-State effort to bring the university to national recognition as innovative in this regard.
 - Associate Provost Brian Niehoff is providing some leadership for sustainability efforts. Larry and Ellen serve on the Campus Sustainability Advisory Committee which Dr. Niehoff facilitates.
4. Sustainable Brownfields (TAB)
 - The Center for Hazardous Substance Research submitted a proposal to EPA to extend their work with brownfields to serve nation-wide tribal communities and were selected to go forward with writing a formal proposal.
5. Sustainable Communities:
 - The Climate & Energy Project group received funding from the Kansas Health Foundation. The goal of that funding is to work in the area of climate change and health and Larry has been participating as a member of the Kansas Natural Resource Council (one of the partners). They are using the acronym WEALTH: Water Energy Agriculture Land Transportation and Health and are discussing innovation and economic development which led to a discussion of water and the importance of it to commerce in Kansas. WEALTH day at the Capitol will be held on March 16, 2017 – a trip is being organized by the Climate & Energy Project. Larry is on the committee that's trying to help with the agenda for that day and member of the KSU ICDD might contribute to a facilitated dialog.
6. Solar Powered Charge Station Project and DOE Challenge
 - Terry Wyrick in KSU Facilities will work with the Parking Services Committee to lead a subcommittee to look at adding solar parking stations to K-State parking lots.
7. Sustainability Seminars
 - The Natural Resources Environmental Science (NRES) spring 2017 Seminar Series was announced in K-State Today (January 26, 2017).

8. Ecoliteracy Book Club

- Ellen is assembling a bibliography related to climate change and health in anticipation of the 2017 Dialog on Sustainability. All input and recommendations are welcome. Suggestions include:
 - Edward O. Wilson, *Half-Earth: Our Planet's Fight for Life*
 - Jeffrey D. Sachs, *The Age of Sustainable Development*
 - Lester R. Brown, *The Great Transition: Shifting from Fossil Fuels to Solar and Wind Energy*

9. Dialog on Sustainability, Saturday, July 22, 2017

- Larry: Greenhouse gas emissions are associated with combustion so the impact on urban air quality is significant. Larry has been looking at urban air quality data and there is some data that shows that the air quality on the street is different from other locations (worse nearer to the street); New Delhi and Beijing are two examples. Larry also mentioned the American Lung Association's 2016 report and a report from the California Lung Association that showed the benefit of the electrification of transportation with respect to air quality which included an estimate of the dollar value of the electrification of transportation with respect to health costs and the impact of people dying prematurely. Larry is also looking into the impact of spring pasture burning in Kansas on air quality and health.
- Dr. John Ruberson (Entomology) is interested soliciting posters on a variety of topics for the Dialog. Would like to know, what are people working on related to sustainability? What are significant developments? Plan to reach out and encourage posters by people on and off campus as well as from people from other universities.
- Donna suggested seeking connections to extension, county extension, and area extension offices – perhaps on topics such as best management practices, trials, or community-based initiatives.
- In some communities sustainability means survival and there are small town sustainability issues that are very much related to climate change and agriculture, or pest management.
- Also concerns of people living in a more urban environment such as anxiety over the impact of climate change on flooding in downtown Manhattan.
- Donna suggested a speaker, Dr. Cesar Guvele. He is an Adjunct Assistant Professor in the Department of Agricultural Economics and his research interests include water and its strategic importance in the horn of Africa; also as it relates to governmental interaction.

10. Earth Day 2017

- The Students for Environmental Action are planning multiple events. Gerry Snyder is the faculty advisor for SEA.

11. Sustainability Education

- The Campus Sustainability Advisory Committee, facilitated by Dr. Niehoff, is considering sustainability education at K-State, working with the K-State 2025 Sustainability Strategic Action Plan, and talking with faculty in the Natural Resources and Environmental Sciences (NRES) secondary major.

12. Next Meeting: February 28, 3:30 in Durland Hall, Room 2036

13. Other

- Kansas Natural Resource Council is seeking additional board members as well as increasing the overall membership: <http://knrc.weebly.com/>
- Natural Resources and Environmental Sciences Spring 2017 Seminar Series: <https://www.k-state.edu/nres/seminars/index.html>