

CESAS Meeting Summary
102 Ward Hall, Kansas State University
February 23, 2016

Present:

Larry Erickson, ChE, KNRC, and CHSR	Ellen Urton, K-State Libraries
Maxine Ganske, Weigel Library	Oral Saulters, CHSR
Sue Pray, Math/Physics Library	Jean Waters, Univ. Nebr. Omaha
Lee Skabelund, LA/RCP	Jeff Zacharakis, College of Education

1. Review of the agenda: There were no changes to the agenda

2. Technical Assistance for a Sustainable Kansas (TASK)

There have been two recent local presentations related to the United Nations conference on climate change (<http://www.cop21.gouv.fr/en/>) where the Paris Agreement was signed:

- Lowell Bliss presented at Radina's Coffee house on 2/9/16,
- and Dr. Bimal Paul, professor of geography, served as an official representative of Bangladesh at the recent 2015 Paris Climate Conference in Paris, UNFCCC COP21 and spoke on 2/12/16 at the K-State Student Union.
- There will be another discussion of the Paris Agreement in the Union 207, at 10:00 a.m. on Friday, March 11th http://ec.europa.eu/clima/policies/international/negotiations/paris/index_en.htm

3. Sustainable Brownfields (TAB)

- The Center for Hazardous Substance Research continues to work with brownfields in 21 states.

4. Sustainable Communities

- The Water, Energy, Land and Food Forum will be held at the Capitol in Topeka, Thursday, March 17, 2016, 9:00 to 4:00
- The Climate and Energy Project is one of the groups that is involved in this forum and it is good for us to have concern about those issues in Kansas.
- This is related to item 14: The state of Kansas has a series of water meetings, there was one in January and the next is on Thursday, March 10th at 12:30 p.m. in the Kansas Farm Bureau Building in Manhattan, KS.
- A number of people from the university are involved in these meetings, there is an extension and research effort (David Steward in Civil Engineering; expertise in groundwater; also Bio and Ag Engineering; Stacey Hutchison in BAE and Tim Keane and Lee Skabelund from LA/RCP deal with storm water management issues)

5. Solar Powered Charge Station Project and DOE Challenge

- COP 21 and results from Paris
- Clean Power Plan for the U.S. and greenhouse gas emissions in Kansas
- This is connected with item #13 in that we have decided to emphasize the Paris Agreement and the Clean Power Plan as we talk about the Dialog on Sustainability (July 23, 2016)
- The Paris Agreement is a voluntary to reduce global warming and reduce emissions of carbon dioxide in the atmosphere. They intend to reach a point from 2050-2100 at which we'll be putting as much carbon dioxide into the atmosphere as we're taking out through the use of alternative energy sources.

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- Larry prepared a brief summary related to the manuscript that he and co-authors submitted to Taylor & Francis (“Solar Powered Charging Infrastructure for Electric Vehicles: A Sustainable Development” by Larry Erickson, Jessica Robinson, Gary Brase, and Jackson Cutsor; estimated publication date of August 2016).

6. Sustainability Education

- Projects with Valentina Pidlisnyuk and Office of International Programs
- Valentina will offer a short course on sustainability and sustainable development at her university in the Czech Republic right after school lets out in May. It is a 3-week course, and Larry is encouraging students to travel to Europe and take that class to learn about what’s going on in Europe related to sustainability.

7. Ecoliteracy Book Club

The K-State Libraries continue their work to purchase books related to sustainability. Sue Pray shared a list of new titles available in Weigel Library of Architecture, Planning & Design which was compiled by Maxine Ganske.

- Adaramola, Muyiwa. *Wind Turbine Technology: Principles and Design*. 2014.
- Fox, Thomas J. *Green Town USA: The Handbook for America's Sustainable Future*. 2013.
- Friedman, Avi. *Sustainable: Houses with Small Footprints*. New York, NY: Rizzoli, 2015.
- Pfammatter, Ulrich. *Building for a Changing Culture and Climate: World Atlas of Sustainable Architecture*. Revised and Expanded Edition / Translated by Jim Hudson. ed. 2014.
- Thompson, Rob, and Thompson, Martin. *Sustainable Materials, Processes and Production. Manufacturing Guides*. London: Thames & Hudson, 2013.
- Zamora Mola, Francesc. *150 Best Sustainable House Ideas*. 2013.

8. Global Soil Partnership

- Conversation with Dow Chemical Co.

9. Search for Director of Sustainability at K-State

- 3 people interviewed for the director position but no one has heard any announcement.
- Someone who has been in contact with Bruce Sneed shared their understanding which is that a recommendation is with the Provost.

10. Forward - A New Play on Climate Change, Feb. 4-14, 2016, Purple Masque Theatre at K-State

- The world premiere performance was at the Purple Mask Theatre here at K-State. Playwright Chantal Bilodeau is from Canada, and she came to Kansas for the opening ceremony.
- News Release: <http://www.k-state.edu/media/newsreleases/jan16/forward12516.html>
- From the Institute for Civic Discourse and Democracy: <http://www.k-state.edu/icdd/Forward.html>
- From K-State Theatre: <https://allaccess.mtd.ksu.edu/production/forward>

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11. Lutherans Restoring Creation event, Feb. 27 and 28.

- The Lutherans Restoring Creation event will be held at Camp Tomashinga (south of Junction City on Lion's Creek Road).
- The event will include Lutherans from around Kansas who will work on issues related to sustainable development and environmental management issues.
- This is an effort to contribute through the spiritual connections we have and encourage people to recycle and be environmentally literate.
- There is a \$25 registration fee. Contact Larry Erickson if interested.

12. Earth Day Plans for April 22, 2016

- Students for Environmental Action is hopefully going to continue an event that's been held in Bosco Plaza in the past but for 2016 they plan to move their even to the quad. If they get enough interest from S.E.A. members they will it from 9:00 - 3:00 on 4/22.
- Does anyone know who has staffed tables at the S.E.A. Earth Day event in the past?: ECM?, Real Food Lunch?, Campus farm? K-State Libraries is planning a booth
- Students for Environmental Action are feeling low membership.
- Gerry Snyder is their advisor
- Lee Skabelund: does a small project with his Environmental Ethics students (a bit of garden management at the International Student Center).

13. Dialog on Sustainability, July 23, 2016

- Chose topics related to the Paris Agreement and Clean Power Plan
- Anyone who wants to volunteer to help organize plans for that day should contact Larry Erickson

14. Kansas Water Meeting, Kansas Farm Bureau Building, 12:30 p.m., Thursday, March 10, 2016.

15. Next Meeting: Tuesday, March 29 , 2016 at 3:30 p.m.

16. Other

- Notice that Iowa State is taking the lead in efforts to reduce runoff of nitrogen and phosphorus that enter the Mississippi from farms.
- Local contacts:
 - Tim Keane and Nathan Nelson have been working on related topics
 - Stacy Hutchinson, Urban Water Institute <https://www.k-state.edu/urbanwaterinstitute/people/core-faculty/StacyHutchinson.html>
 - Dan Devlin, Director of the Kansas Center for Agricultural Resources and the Environment, and the Kansas Water Resources Institute <http://www.agronomy.k-state.edu/people/faculty/devlin-daniel/index.html>

The minutes of prior meetings may be found on the Internet at:

<http://www.engg.ksu.edu/chsr/sustainability/cesas>

Announcements and Events: See Events at: <https://www.engg.ksu.edu/chsr/events>