

Sustainability and Sustainable Development

January 7-9, 2014

Room 1052, Rathbone Hall

Kansas State University

About

This seminar is intended for all individuals that have an interest in sustainability and sustainable development. Renewable energy, sustainable agriculture, water, sustainable communities, greenhouse gas emissions, carbon management, and sustainable development policies will be included. Both global and local sustainability topics and issues will be included.

Agenda

Tuesday, January 7, 2014

- 8:20 a.m. **Welcome and Goals of the Seminar** - Larry Erickson
- 8:30 a.m. **Introduction to Sustainability and Sustainable Development** - Valentina Pidlisnyuk
- 9:40 a.m. **The Development of Sustainability Ideas Over the Last 150 Years or so** - John Harrington
- 10:50 a.m. **Water Sustainability in Europe** - Valentina Pidlisnyuk
- Noon Lunch Break
- 1:20 p.m. **Ecosystems and Ecosystem Services** - Cynthia Annett and Heidi Mehl
- 2:30 p.m. **Dialog on Sustainability of Water, Agriculture, and Ecosystems** – Myles Alexander, Charles Barden, Rhonda Janke, Dan Kahl, Aavudai Anandhi Swamy, and others

Wednesday, January 8, 2014

- 8:20 a.m. **Plans for Day 2** - Larry Erickson
- 8:30 a.m. **Indicators of Sustainable Development** - Valentina Pidlisnyuk
- 9:40 a.m. **Food and Food Systems Sustainability** - Ben Champion
- 10:50 a.m. **Understanding Change in the Global System** – John Harrington
- Noon Lunch Break
- 1:20 p.m. **Communication and Advancing Toward Sustainable Communities** - Huston Gibson
- 2:20 p.m. **Sustainability Education at Bethany College, University of Kansas, K-State, and European Universities** – Lucy Alexander, Myles Alexander, Barbara Anderson, Huston Gibson, Lisa Harrington, Valentina Pidlisnyuk, Noni Strand, Stacey White, and others
- 7:00 p.m. **Sustainable Development at K-State** - Bruce Snead and others
- 8:00 p.m. **Dialog on Sustainable Development at K-State**

Thursday, January 9, 2014

- 8:20 a.m. **Plans for Day 3** - Larry Erickson
- 8:30 a.m. **Green Economy** - Valentina Pidlisnyuk
- 9:40 a.m. **Sustainability Science - Basic Concepts** - Lisa Harrington
- 10:50 a.m. **Social Aspects of Sustainable Development** - Valentina Pidlisnyuk
- Noon Lunch Break
- 1:20 p.m. **Sustainability Policy** - Oral Saulters
- 2:20 p.m. **Dialog on Sustainability Policy** – Myles Alexander, John Carlin, Huston Gibson, Jeff Peterson, and others
- 4:00 p.m. **Discussion of Assignments with Students Enrolled for Credit**

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Speaker Information

Lucy Alexander is the Technical Product Associate for the Institute for Sustainability at AIChE

Myles Alexander is with the Center for Engagement and Community Development at K-State

Barbara Anderson is Head of Apparel, Textiles, and Interior Design at K-State

Cynthia Annett is an aquatic biologist who is employed part time with the Center for Hazardous Substance Research (CHSR) at K-State

Charles Barden is Professor of Forestry at K-State

John Carlin is Professor of Leadership Studies at K-State

Ben Champion is Director of Sustainability at K-State

Larry E. Erickson is Professor of Chemical Engineering and Director of the CHSR at K-State

Huston Gibson is Assistant Professor of Regional and Community Planning at K-State

John Harrington is a Professor of Geography at K-State

Lisa Harrington is a Professor of Geography at K-State

Rhonda Janke is Professor of Horticulture at K-State

Dan Kahl is with K-State Research and Extension

Heidi Mehl is an EPA STAR Fellow in Geography at K-State

Jeff Peterson is Professor of Agricultural Economics at K-State

Valentina Pidlisnyuk teaches sustainability classes at Kremenchuk University in Ukraine and Matej Bel University in Banska Bystrica, Slovak Republic

Oral Saulters is a Program Associate in the Center for Hazardous Substance Research at K-State

Bruce Snead is Director of Engineering Extension at K-State

Noni Strand is Campus Pastor at Bethany College

Aavudai Anandhi Swamy is Assistant Professor of Agronomy at K-State

Stacey White is Associate Professor of Urban Planning at University of Kansas

Assignments for Credit Students

1. Attend, listen to the presentations, and participate in the dialog and discussion.
2. Prepare a written paper and oral presentation on a topic of your choice related to sustainability or sustainable development. This will be due in early March 2014.
3. Prepare a top 10 list to address sustainable development as follows:
 - What top 10 actions should be taken to advance sustainable development at K-State?
 - Please also identify who should take each action (that is, individuals, departments, etc.)

This assignment is due in early March 2014.

Attendance Options

CHE 670 Sustainability Seminar is available for undergraduate credit and graduate credit. Enrollment is through the Division of Continuing Education. The Class Number is 15829. All speakers and invited dialog participants are invited and encouraged to participate in as much of the seminar as their schedule allows. Those who do not wish to enroll for credit (non-credit participants) may attend if space is available. Please send an e-mail to Sheree Walsh (smw@ksu.edu) indicating that you wish to attend. There is no charge.

Video Recording

All sessions will be video recorded for future use for Distance Education Sessions of CHE 670.