

Education & outreach at the KBS LTER

Julie E. Doll
KBS LTER All Scientist Meeting
April 5, 2013



KBS LTER

Kellogg Biological Station

Long-term Ecological Research

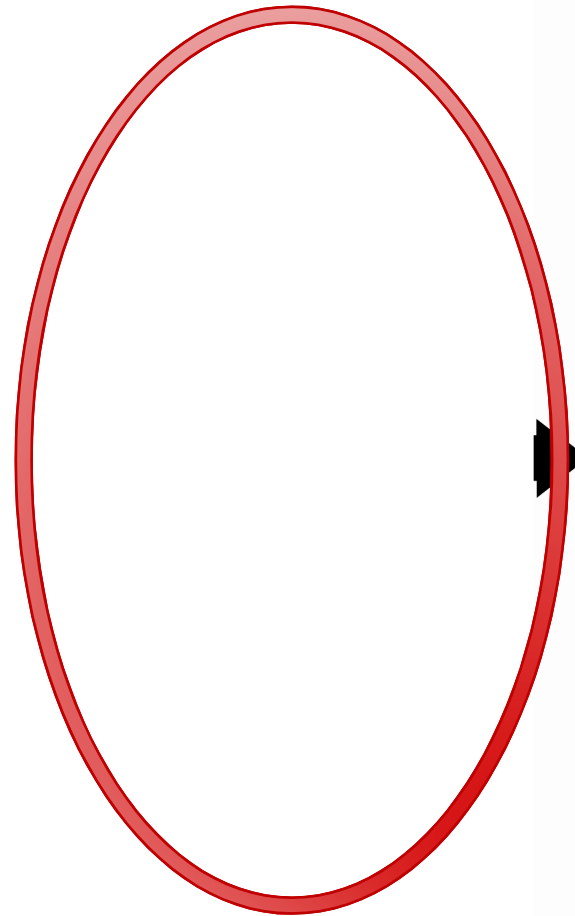
Outcomes

Regional &
national
policies

Improved
delivery of
ecosystem
services

Improved
citizen
decision-
making

Farm &
landscape
design



Opening our doors

W.K. Kellogg Biological Station Long-term Ecological Research Walking Tour



Welcome to the KBS LTER Walking Tour! This short 3/4-mile loop will only take about an hour. Look for the numbered stops along the way. They match the numbered stops in this trail guide. For your safety and to protect the research, please stay on the grass. The research landscape that surrounds you was shaped by both the hands of humans and the processes of nature. This is a place where scientists seek answers to questions about how humans, plants, soil and insects live together to produce the food and fuel we need. The story of how we learn about our natural world begins just up ahead — each stop reveals something about the research we do. Enjoy your walk!



Opening our doors



Opening our virtual doors

KBS LTER | Kellogg Biological Station Long-term Ecological Research



KBS LTER
KELLOGG BIOLOGICAL STATION | LONG-TERM ECOLOGICAL RESEARCH

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Educating the
NEXT GENERATION OF SCIENTISTS AND TEACHERS

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KELLOGG BIOLOGICAL STATION LONG-TERM ECOLOGICAL RESEARCH (LTER) PROGRAM IS PART OF A NATIONAL NETWORK OF LTER SITES ESTABLISHED BY THE NATIONAL SCIENCE FOUNDATION

KBS LTER research aims to understand the ecology of Midwest cropping systems and agricultural landscapes. We study interactions among plants, microbes, insects, management, and the environment to learn how agriculture can provide both high yields and environmental outcomes that benefit society. [Learn More >>](#)

UPCOMING EVENTS

April 4, 2013 6:30 pm
KBS LTER All Scientist Meeting

April 9, 2013 12:30 pm
Executive Committee Meeting

April 10, 2013 1:00 pm
Volunteer Training - Student Activity Trail

RECENT POSTS

4.4.13 | New tools to measure greenhouse gases

3.14.13 | 2013 KBS LTER All Scientist Meeting

2.27.13 | Graduate Student Spotlight – Megan Woltz

RESEARCH HIGHLIGHTS

CLIMATE CHANGE

LANDSCAPE DIVERSITY

SOIL MICROBES

CLEAN WATER

SOIL CARBON

Opening our virtual doors

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KBS LTER
KELLOGG BIOLOGICAL STATION
LONG-TERM ECOLOGICAL RESEARCH

MICHIGAN STATE UNIVERSITY W.K. Kellogg Biological Station

Michigan State University KBS LTER Program
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College & University
MSU's Kellogg Biological Station Long-term Ecological Research (LTER) program is part of a national network of LTER sites established by the National Science Foundation

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Highlights

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What's up, Michigan State University KBS LTER Program?

Michigan State University KBS LTER Program shared a link via Ecological Society of America. 4 hours ago

Our director, Phil Robertson, is co-author on this new 'Issues in Ecology' piece, titled 'Ecological Dimensions of Biofuels'. It's free to download from the link below.

Issues in Ecology | Ecological Society of America
www.esa.org

Issues in Ecology uses commonly-understood language to report the consensus of a panel of scientific

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Michigan State University KBS LTER Program Yesterday

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Kellogg Bird Sanctuary
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FCE LTER
Education

Cary Institute of Ecosystem Studies
Non-Profit Organization

Michigan State University KBS LTER Program shared a link via Kellogg Biological Station. Yesterday

KBS Internships
www.kbs.msu.edu

Opportunities at KBS for paid internships and REUs

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Michigan State University KBS LTER Program

MSU's Kellogg Biological Station Long-term Ecological Research (LTER) program is part of a national...

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K-12 Partnership



Training the trainer about climate change

Scientific information



Farmers



Extension Educators

“We used to see more intermediate rain showers, you know, a 1/2 inch to 1 inch, but now we just get gully-washers.”

“Because of climate change you are buying bigger machinery. You are doing stuff in a hurry.”

“It was nice to be asked about an important subject rather than being told what someone else thinks.”

Train the trainer

Scientific information + Farmer Voices

Climate Outreach Team | Climate Change and Variability

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Climate Outreach Team

The Climate Variability and Change Action Team (CV-CAT) was formed in April 2011 when a group of Michigan State University Extension (MSUE) educators gathered together to review input and observations on the impacts of weather and climate conditions from various stakeholders in field crop agriculture. Their goal was to discuss MSUE's role in climate change outreach and education, and in response, the CV-CAT was born. The CV-CAT has grown to include representatives from each institute within MSUE — Agriculture and Agribusiness, Greening Michigan, Children and Youth, and Health and Nutrition — Extension

Climate change communication



Learning from leader farmers



Dialoguing about climate change



Thank you!



KBS LTER

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Long-term Ecological Research

New ways to dialogue about climate



New ways to dialogue about climate

