

ICEC Winter Workshop 2016



**Contemporary Environmental Issues and New Iowa Science Standards:
Transforming Conservation Outreach**
February 4-5, 2016

Springbrook Conservation Education Center
2473 160th Rd
Guthrie Center, Iowa 50115

Workshop Planning Committee

Conference Chair - Jean Eells, E Resources Group

Conference Co-Chair - Phyllis Anderson, Retired Area Education Agency Consultant & E Resources Group

Judy Martinson, USDA Natural Resources Conservation Service

Jim Gillespie, Iowa Department of Agriculture and Land Stewardship

Stephanie Shepherd, Iowa Department of Natural Resources

Gail Barels, Linn County Conservation

Lora Kanning, Cass County Conservation

Karen Phelps, Benton County Conservation

Peggy Christensen, Heartland AEA

Linette Bernard, Iowa Conservation Education Coalition

Linda Zaletel, Iowa Conservation Education Coalition

Workshop Core Team

Lilly Jenson, Winneshiek County Conservation

Karess Knudtson, Dickinson County Conservation

Amber Osterkamp, K-12 Science Curriculum Lead, College CSD

Craig Edmondson, Science Curriculum Consultant, Heartland AEA

Jason Martin-Hiner, Science Curriculum Consultant, Keystone AEA

Registration Information

Linette Bernard, execicec@gmail.com or 319-238-1199

This workshop is supported with REAP-Conservation Education Program grant funds
and would not be possible without agency support!



Welcome to ICEC's Winter Workshop 2016

The Iowa Conservation Education Coalition (ICEC) strives to ensure a healthy Iowa environment by improving environmental literacy; promoting innovative educational methods and strategies; developing diverse partnerships; providing networking opportunities and embracing a balanced perspective on environmental issues. Since 1958, ICEC has been a leader in developing environmental education materials while providing workshops, conferences, and programs for Iowa's educators.

The **mission of ICEC** is to empower Iowa's formal and non-formal educators to promote environmental literacy and facilitate networking.

The **vision of ICEC** is to advocate environmental literacy in Iowa.

Contemporary Environmental Issues and New Iowa Science Standards: Transforming Conservation Outreach

ICEC is holding a special workshop to help conservationists adopt effective science education practices for all ages in formal and non-formal settings. You will spend two days learning contemporary environmental information in the context of the newly adopted Iowa Science Standards for Iowa schools - which also can help you reach adults with environmental information.

Who should come: people who convey scientific information to people of any age and in any setting, naturalists, wildlife and fisheries biologists, natural resource managers, water or air quality specialists, park managers, soil specialists, teachers, science education consultants, and more.

What you can expect: keynote speakers interspersed with working sessions to help you incorporate three dimensions of effective science education into your educational context. Each session builds on the next, you need to attend the full workshop to get the most benefit.

Why you should come: this workshop is customized for our conservation community! Natural resources will now be part of the school curriculum and teachers will be looking for experts who know how to present effectively. This is a chance for conservation professionals outside of education to learn presentation skills to increase learning and change behaviors with adult audiences.



Crosscutting
Concepts
Practices
Core
Ideas



Natural resource content specialists in pollinators, raptors, soil health, and ground water will model aspects of the new science education practices - Cross Cutting Concepts, Science and Engineering Practices, and Disciplinary Core Ideas. Bring a program(s) you need to get across to an audience, a laptop if possible, and your thinking cap!

Network and enjoy the company of people from many different disciplines with a common goal of learning new skills!

Watch iowaee.org as details about the workshop unfold!

Tentative Schedule

Thursday, February 4

- 8:00 a.m. Registration - Library (also drop off silent auction items)
- 9:00 a.m. Welcome
- 9:15 a.m. Changing Conservation Education and Overview of New Iowa Science Standards
- 10:15 a.m. Break - Snack in Dining Hall
- 10:45 a.m. Iowa Soil Health – Rick Benarek, State Soil Scientist, NRCS
- 11:30 a.m. Cross Cutting Concepts Dimension and First Work Session
- 12:30 p.m. Lunch - Dining Hall
- 1:30 p.m. Iowa Water Availability – Bob Libra, State Geologist, DNR
- 2:15 p.m. Science and Engineering Practice Dimension
- 3:15 p.m. Break - Snack in Dining Hall
- 3:45 p.m. Second Work Session
- 5:00 p.m. Free Time until Dinner
- 5:30 p.m. Dinner Meeting (ICEC Annual meeting) - Dining Hall
- 7:00 p.m. SOAR (Saving Our Avian Resources) – Kay Neumann and Thora
- 8:30 p.m. Snack - Dining Hall

Friday, February 5

- 7:00 a.m. Breakfast - Dining Hall
- 8:00 a.m. Iowa Pollinators – Stephanie Shepherd, Wildlife Diversity Program, DNR
- 8:45 a.m. Learning Progressions and Disciplinary Core Ideas
- 10:00 a.m. Preparing for Open Space work sessions
- 10:15 a.m. Break - Snack in Dining Hall
- 10:45 a.m. Third Work Session
- 11:45 a.m. Three Dimensional Learning working groups (Open Space sign up)
- 12:15 p.m. Lunch - Dining Hall
- 12:45 p.m. Three Dimensional Learning Open Space Work Session (wrapping it all together)
- 2:00 p.m. Perspectives from the Department of Education – Kris Kilibarda, DOE
- 2:30 p.m. Wrap-up
- 2:45 p.m. Safe travels home!

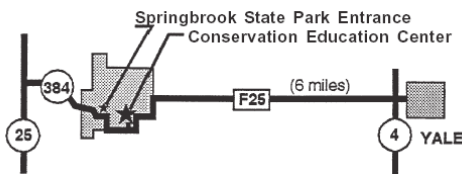
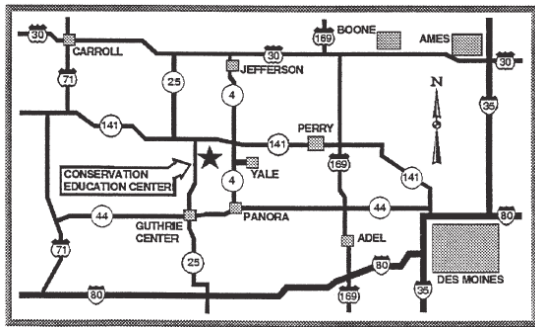
Silent Auction

Please remember to bring items for our silent auction! Drop off your donated items when you check-in at the registration desk. Funds raised from this event support the ICEC Scholarship Fund for members and the Chris Holt Fund, a scholarship program for youth wilderness and outdoor experiences. Theme gift baskets are a hit, especially with locally handcrafted items! We always encourage food, homemade and natural items. The silent auction will be held in the Dining Hall on Thursday from 10:00 a.m. to 8:30 p.m. Thanks for your support!

Scholarships

A limited number of scholarships are available to help with registration, mileage, or substitute teacher fees. If you are interested in a scholarship, please email Linette at execicec@gmail.com.

Lodging Options - Springbrook Conservation Education Center or nearby motels



Guthrie Center (~10 miles)

Midway Motel
2301 State St
641-747-2261

Panora (~12 miles)

Lakeside Inn
5045 Chimra Rd
641-755-4240

Clover Ridge
5071 Clover Ridge Rd
641-755-3050

Jefferson (~23 miles)

Super 8
207 W Gallup Rd
515-386-2464

Redwood Motel
209 E Gallup Rd
515-386-3116

Perry (~24 miles)

Super 8
701 26th St
515-465-5653

Stuart (~27 miles)

America's Best Value
Inn & Suites
203 SE 7th St
515-523-2888

AmericInn
420 SW 8th Street
515-523-9000

Registration Form

First Name _____ Last Name _____

Address _____ City _____ State _____ Zip _____

County _____ Daytime phone _____ email _____

Occupation / Title _____ Affiliation _____

*Meals, snacks, and beverages included in registration. Please choose **one meal option** for all meals.*

A REAP-CEP grant has reduced the cost of registration for all!

Registration:

ICEC Member (\$70) _____

ICEC Membership renewal (regular \$30) _____

Non-member (\$70) _____

Late fee after 1/27/2016 (add \$15) _____

Conservation Education Center - dorm, bunk
Lodging Wednesday (\$20/night) _____

Lodging Thursday (\$20/night) _____

Total Workshop Fee Due _____

Meals include Thursday lunch, supper, three snacks, Friday breakfast, lunch, and one snack!

Please choose:

_____ Omnivore

_____ Herbivore

For other dietary needs, please contact Linette at 319-238-1199 or execicec@gmail.com

A limited number of scholarships are available to help with registration, mileage, or substitute teacher fees.

If a scholarship would help you attend, please email Linette at execicec@gmail.com.

Make **checks payable to ICEC** and mail this registration form with payment to: Linette

Bernard, Executive Director, 12684 155th St, Ackley, IA 50601

There will be a \$32.00 fee charged on checks returned due to insufficient funds.

Questions? Contact Linette at

execicec@gmail.com or 319-238-1199