Course Overview

This short course will be an opportunity for land managers (public and private), landowners, policymakers, researchers, and graduate students to receive training in the basics of invasive plant ecology and management. The three-day course will provide in-depth learning on the principles of integrated weed management, herbicide modes of action, sprayer calibration, plant identification, biological control, GPS and remote sensing applications and spatial distribution analysis of invasive plant species populations. Also included will be instruction on the use of restoration practices designed specifically for managing invasive plant species.

The short course material will reinforce proven methods and present relevant hypotheses and practices related to invasive plant ecology and management. This approach will stimulate thoughtful discussion, provide problem-solving applications, and encourage retention of the main themes presented throughout the course. Participants with limited understanding of integrated control methodology, mapping and monitoring technology, restoration ecology and plant taxonomy will learn the basic principles of invasive plant ecology and the latest techniques for managing infested areas.

Credits

Continuing education units will be available from the Society for Range Management and other sponsoring organizations. In addition, participants (e.g., graduate students) can earn up to two academic credits by completing online assignments following the short course. An online learning community will be formed to provide continued communication among participants and instructors following completion of the course.

IANR

Extension is a Division of the Institute of Agriculture and Natural Resources at the University of Nebraska–Lincoln cooperating with the Counties and the United States Department of Agriculture.

University of Nebraska–Lincoln Extension educational programs abide with the nondiscrimination policies of the University of Nebraska–Lincoln and the United States Department of Agriculture.

University of Nebraska Lincoln EXTENSION

West Central Research and Extension Center
402 West State Farm Road
North Platte, NE 69101

New Program

2011 North American Invasive Plant Ecology and Management Short Course

University of Nebraska Lincoln EXTENSION

This Short Course is for:

Land Managers
Landowners
Researchers
Policymakers
Graduate Students

Daily Activities

Day 1
Principles of Integrated Weed Management
Herbicide Workshops
Biocontrol Workshops

Day 2
Integrated Management in Riparian Areas
Integrated Management in Rangelands
Technology Workshops (GPS and Spatial Analysis)

Site Visits
- Riparian Area
- Wild Land Area
- Rangeland Area

Day 3
Q & A Breakout Sessions
- Ecologically Based Invasive Plant Management
- Herbicide Use Issues
- Data Interpretation and Application
- Invasive Plant Species Identification

Open Forum Discussions with Instructors

Course Instructors

George Beck, Colorado State University
Ray Carruthers, USDA-ARS, California
Eric Coombs, Oregon Department of Agriculture
Anita Dille, Kansas State University
Robert Klein, University of Nebraska–Lincoln
Stevan Knezevic, University of Nebraska–Lincoln
Andrew Kniss, University of Wyoming
Jane Mangold, Montana State University
Tim Miller, Washington State University
Deana Namuth-Covert, University of Nebraska–Lincoln
Tim Prather, University of Idaho
Lisa Rew, Montana State University
Robert Wilson, University of Nebraska–Lincoln
Steve Young, University of Nebraska–Lincoln
(Course Moderator)

For complete biographies on each of the instructors go to:
ipscourse.unl.edu/instructor-biographies

What is the North American Invasive Plant Ecology and Management Short Course?

The Short Course is three days of intense instruction and learning for those interested in the basics of invasive plant ecology and management. The course combines hands-on workshops, site visits and instructor-led discussion sessions to provide the most in-depth, comprehensive education on a variety of principles and topics related to invasive plant ecology and management.

Course Location

This course is being held July 6-8, 2011 at the University of Nebraska–Lincoln West Central Research and Extension Center in North Platte, NE WCREC is ideally located in the west central region of Nebraska and is host to many of the same invasive plants species found throughout North America.

Registration and Cost

For more information on the conference, including lodging and travel, visit the conference website at *ipscourse.unl.edu*

Registration is limited to 40 participants and is due by May 1, 2011. See form for details.

WSSA Weed Science Society of America
North Central IPM Center
Center for Invasive Plant Management
SRM Society for Range Management
Nebraska Invasive Species Project
NRCS Natural Resources Conservation Service
Soil and Water Conservation Society

Registration

North American Invasive Plant Ecology and Management Short Course
July 6 - July 8, 2011

Name

Address

City State Zip

Business

E-Mail

Phone

Please check one:

☐ Land Manager
☐ Landowner
☐ Researcher
☐ Policymaker
☐ Graduate Student
☐ Other

Registration Fee: $650
Registration Deadline: May 1, 2011

Registration Options

Mail to:
West Central Research and Extension Center
ATTN: Linda Lehmann
402 West State Farm Road
North Platte NE 69101-7751

E-Mail: *llehmann1@unl.edu*
Phone: (308) 696-6740
Website: *ipscourse.unl.edu*