



U.S. Fish & Wildlife Service

National Conservation Training Center

Training Announcement

Decision Analysis for Climate Change *ALC3196*

Natural resource managers are increasingly tasked with understanding climate change impacts and using this knowledge in making decisions. Yet the uncertainty inherent in evaluating climate impacts often impedes action. This NEW 8-week online course provides participants with skills to address climate change impacts in making decisions about natural resource management. It highlights principles from *Informing Decisions in a Changing Climate* (2009) National Research Council report. Videos show techniques in structured decision making and adaptive management, and discuss how climate change affects each step in the processes. Participants work in teams on actual decision problems. As the teams use similar techniques on their different decision problems, participants observe multiple examples of on the ground application. Instructors work with teams to build expertise in climate change impacts and decision analysis. Teams develop a final report and presentation on their decision problem. The course and the entire Structured Decision Making curriculum at NCTC are developed in partnership with staff from USGS.



Objectives

- Understand how to frame choices to effectively integrate climate change concerns
- Engage with a team on a real-life decision addressing climate impacts
- Articulate the concept of stationarity, understand its role in traditional analysis, and appreciate the significance of its absence in climate change problems
- Learn how to classify and incorporate different types of uncertainty about system change
- Compare modes of learning about system change and understand when and how to use different approaches
- Structure a climate change adaptation decision using adaptive management

Date

October 1 – November 30, 2012

Location

Online

Who Should Attend

Natural resource managers and conservation professionals

Length

8 weeks

College Credit

N/A

Tuition

For this first offering, there is no tuition or registration fee associated with the course.

To Register

Register online at <http://training.fws.gov> using DOILearn, the Department of the Interior's Learning Management System.

Availability

Course may be offered annually.

Course Development

In partnership with staff from FWS and USGS.

Contact

Ashley Fortune, at 304/876-7361 or Ashley_Fortune@fws.gov

Create targeted alternatives to address climate change impacts and reduce uncertainties in managing natural resources.

More information at
<http://nctc.fws.gov/courses/sdm/courses/da4cc.html>