



U.S. Fish & Wildlife Service

National Conservation Training Center

Conserving the Nature of America

ALC3196 - Decision Analysis for Climate Change

Course Code	ALC3196
Course Title	Decision Analysis for Climate Change
Description	<p>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 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. This course and the entire Structured Decision Making curriculum at NCTC are developed in partnership with staff from USGS.</p> <p>Objectives:</p> <ul style="list-style-type: none"> • 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 and appreciate the significance of its absence in planning to address climate change • 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
Delivery Method	Online Instructor Led
Non-FWS Fee	\$400.00
Instructional Hours	40
Credits/CEUs	4.0
Course Content Contact	Christy Coghlan: christy_coghlan@fws.gov ; (304) 876-7438
Curriculum Category	Decision Analysis
Course Frequency	Every other year
Registration Link	Register in DOI Talent
DOI Talent Course Type	ILT
College Credit Name	Semester Hours
College Credit Value	2

Schedule: ALC3196 - Decision Analysis for Climate Change

Start	End	Session Information	Location	Session Contact
1/9/2020	2/13/2020	For registration questions contact: katie_poston@fws.gov For course content questions contact: christy_coghlan@fws.gov	Online	amanda_cucchi@fws.gov
		Canceled		

