



U.S. Fish & Wildlife Service

National Conservation Training Center

Conserving the Nature of America

ALC3171 - Introduction to Structured Decision Making

Course Code	ALC3171
Course Title	Introduction to Structured Decision Making
Description	<p>This course provides participants with an introduction to structured decision making in the context of natural resource management problems. A solid foundation in structured decision making begins with knowledge of current practices, theory, and noteworthy case studies from FWS and USGS. Progressing from that foundation, you will get hands-on experience using various decision tools including, decision trees, multiple objective ranking techniques, and expert panels. This course gives you the skills to develop structured approaches in order to make a complicated decision making process more explicit, transparent, and clear. You will learn practical approaches to critical thinking, logic, reasoning, and structuring decisions that support your day-to-day work.</p> <p>It is recommended that participants have an understanding of conservation biology concepts or have taken the NCTC course, "Applied Landscape-Scale Conservation Biology" (CSP2101), or at least one college course in conservation biology. Participants are not required to be skilled in mathematics or computing, although familiarity with how the results of models can be applied is beneficial.</p> <p>Objectives: Participants will be able to:</p> <ul style="list-style-type: none">• Articulate the fundamental tenets of decision analysis and current practices within FWS/USGS.• Diagram decision problems, decompose complex problems, create objectives, and select a problem solving approach.• Select the appropriate decision making tool for different types of situations and problems.• Identify structured decision making practices that are feasible and beneficial to incorporate in your everyday work. <p>Target Audience: The target audience is FWS and USGS biologists (GS 9-11-12) and managers (GS 13-14) who have a tie to making decisions or have the responsibility to prepare materials for decision makers on natural resource issues and projects. This intent of the course is to provide an introductory treatment of structured decision making to those without such background or experience.</p>
Delivery Method	Instructor Led
Non-FWS Fee	\$995.00
Instructional Hours	36
Credits/CEUs	3.0
Course Content Contact	Ashley Fortune Isham: ashley_fortune_isham@fws.gov ; (304) 876-7361; ashley_fortune_isham@fws.gov
Curriculum Category	Decision Analysis
Course Frequency	Multiple per year
Registration Link	Register in DOI Talent
DOI TALENT Course Type	ILT
College Credit Name	Semester Hours
College Credit Value	2

Schedule: ALC3171 - Introduction to Structured Decision Making

Start	End	Session Information	Location	Session Contact
2/11/2019	2/15/2019	For registration questions: amanda_cucchi@fws.gov For course content question: ashley_fortune_isham@fws.gov	National Conservation Training Center (NCTC)	amanda_cucchi@fws.gov
8/5/2019	8/9/2019	For registration questions: amanda_cucchi@fws.gov For course content question: ashley_fortune_isham@fws.gov	National Conservation Training Center (NCTC)	amanda_cucchi@fws.gov