

Course Description

US Fish & Wildlife Service National Conservation Training Center



Advanced Structured Decision Making Practicum (ALC3138)

What will this course cover?

This course builds on the fundamental principles taught in “Introduction to Structured Decision Making” (ALC 3171) and “Adaptive Management” (ALC 3176), and explores more advanced topics in decision analysis. The course is designed to provide intensive hands-on practice of advanced techniques. The content of the course changes annually, so practitioners of SDM can take this course repeatedly as a means of professional development. In 2012, topics will include: methods for development and organization of objectives; emerging methods in expert elicitation; expected value of information; and values elicitation and weighting methods for multiple-criteria decision analysis. A standing feature is the opportunity for participants to share their experiences in delivering SDM, and a discussion about how we can improve the effectiveness of our work. The course is student-centered; participants will be expected to undertake some advanced preparation, and to engage actively in the exercises that form the bulk of the class.

Who is the intended audience?

Active practitioners of structured decision making who have experience facilitating and analyzing decisions. Minimally, students should have taken “Introduction to Structured Decision Making” or its equivalent, and have participated, with some leadership role, in an USFWS/USGS Structured Decision Making (ALC 3159 or its equivalent); experience in other advanced courses (i.e., “Adaptive Management: Structured Decision Making for Recurrent Decisions”) is also recommended.

Who is teaching the material?

The principal instructors are scientists from USGS and USFWS with extensive expertise in decision analysis.

How do I register for the course?

Apply online through DOI LEARN <https://doilearn.doi.gov>

Questions on course content, contact: Donna Brewer, NCTC, Phone: 304/876-7451 E-mail: donna_brewer@fws.gov, or Michael Runge, USGS, Phone: 301/497-5748 E-mail: mrunge@usgs.gov