



U.S. Fish & Wildlife Service

National Conservation Training Center

Conserving the Nature of America

CSP2111 - Acoustic Monitoring of Bats for Regulatory Compliance C

Course Code	CSP2111
Course Title	Acoustic Monitoring of Bats for Regulatory Compliance C
Description	<p>This course will cover the basics of how to properly evaluate acoustic study plans, data and reports for presence/probable absence surveys of bats with a primary focus on the federally endangered Indiana bat (<i>Myotis sodalis</i>) and other bat species within its range. Participants will get hands-on experience interpreting acoustic bat data and critically evaluating reports received for federal and/or state regulatory review. Field exercises also will provide hands-on experience with proper calibration and set-up of acoustic detectors in the field, data collection and analysis, species identification, and reporting.</p> <p>Upon completion of this course, participants will be able to:</p> <ul style="list-style-type: none"> • follow the most recent Range-wide Indiana Bat Summer Survey Guidelines for acoustically assessing presence/probable absence of bats • critically evaluate bat acoustic surveys and reports for scientific integrity and compliance • describe the advantages and disadvantages of sampling bats using acoustics • properly set up and utilize bat detectors to maximize detectability • process and analyze acoustic data using each of the FWS-approved software programs <p>TARGET AUDIENCE:</p> <p>Natural resource professionals monitoring wild bat populations or interpreting acoustic monitoring data coming in from the field.</p>
Delivery Method	Instructor Led
Non-FWS Fee	\$1,195.00
Instructional Hours	36
Credits/CEUs	3.0
Course Content Contact	Matthew Patterson; matthew_patterson@fws.gov ; (304) 876-7473; matthew_patterson@fws.gov
Curriculum Category	Habitat Assessment Restoration and Management
Registration Link	Register in DOI Talent
DOI TALENT Course Type	ILT
College Credit Name	Semester Hours
College Credit Value	2

Schedule: CSP2111 - Evaluating Acoustic Bat Surveys for ESA Compliance

Start	End	Session Information	Location	Session Contact
5/13/2019	5/17/2019	For registration questions: sharon_howard@fws.gov For course content questions: matthew_patterson@fws.gov Class begins at 8:00am on the first day and ends at noon on the last day	National Conservation Training Center (NCTC)	Sharon Howard; sharon_howard@fws.gov