



U.S. Fish & Wildlife Service

# National Conservation Training Center

*Conserving the Nature of America*

## CSP3119 - Pesticides and Fish and Wildlife Resources

Course Code	<b>CSP3119</b>
Course Title	<b>Pesticides and Fish and Wildlife Resources</b>
Description	<p>Pesticide effects to fish and wildlife resources will be explored through the use of classroom lectures, case studies and field exercises. An overview of the major types of pesticides that can affect fish and wildlife resources, typical routes of exposure, assessing potential risk and environmental fate of pesticides in terrestrial and aquatic systems will be presented. Additionally, Federal laws and policies related to pesticide use and principles of integrated pest management will be discussed. Participants will learn procedures to evaluate non-target effects and considerations for listed species. Emerging issues related to pollinator declines and genetically modified organisms will be reviewed. Useful references and information sources about pesticide safety and use and fish and wildlife risk will be provided.</p> <p><b>Target Audience:</b></p> <p>FWS staff, including endangered species biologists, refuge personnel, contaminant specialists, pesticide applicators, restoration biologists and law enforcement officials, as well as, other Federal, State and Non-government Organization (NGO) personnel, whose responsibilities include evaluating the legal and biological implications of pesticide applications.</p> <p><b>Objectives:</b></p> <p>Upon completion of this course, you will be able to:</p> <ul style="list-style-type: none"> <li>• Describe the fate and transport of pesticides in the environment;</li> <li>• Describe Federal laws, FWS policies, and other authorities related to pesticide use;</li> <li>• Describe exposure and effects of pesticides to non-target organisms, including threatened and endangered species and other trust resources;</li> <li>• Apply basic principles of risk assessment as they relate to pesticides and possible interactions with fish and wildlife resources, and;</li> <li>• Conduct a terrestrial and aquatic field investigation.</li> </ul>
Delivery Method	Instructor Led
Non-FWS Fee	\$995.00
Instructional Hours	36
Credits/CEUs	3.0
Course Content Contact	Gary Schetrompf: gary_schetrompf@fws.gov; (304) 876-7255; <b>gary_schetrompf@fws.gov</b>
Curriculum Category	<b>Habitat Assessment Restoration and Management</b>
Course Frequency	Once per year
Registration Link	Register in DOI Talent
DOI TALENT Course Type	ILT
College Credit Name	Semester Hours
College Credit Value	2

### Schedule: CSP3119 - Pesticides and Fish and Wildlife Resources

Start	End	Session Information	Location	Session Contact
7/15/2018	7/19/2018		National Conservation Training Center (NCTC)	brenda_hooper@fws.gov