

Anabat Techniques Course

Presented by: Bat Sense and Bats R Us
Instructors: Chris Corben, Cori Lausen,
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By J. O'Keefe

The Techniques Training is a course designed to give a good overall understanding of bat echolocation and species identification using a zero-crossing system. Participants will gain hands-on training with the Anabat detector in the field. Participants will also learn how to manage Anabat data efficiently and analyze files in AnalookW. Special attention will be given to developing the skills needed to interpret and identify recorded bat calls. A set of example calls of regional bats will be supplied to supplement calls collected by students during the class.

Topics include:

- Active, Mobile, and Passive monitoring
- AnalookW analysis software – introduction to displays and tools
- Reference call library
- Principles of ultrasound
- Ecology of Echolocation - how bats use ultrasound functionally
- How bat detectors work and their strengths and weaknesses
- Effective study designs using acoustics
- Manual identification in AnalookW with intro to use of filters
- How to get the most out of acoustic bat surveys
- How to identify bats of the region



What to Bring: a Windows XP or later laptop for class ; your detector setup if you have one available ; appropriate field gear (head light, sturdy shoes, etc.) for light hiking and night work.

Upcoming Techniques Workshops:

(includes field component of active monitoring and mistnetting)

- **Creston, BC, Canada.** Monday **May 30, 10am – June 2, 1pm** (canoe trip to follow). Lunch each day included. Nestled between the Selkirk and Purcell Mountain ranges, this world-renowned wetland is foraging grounds for 11 bat species. Two hour canoe trip included. <http://www.crestonwildlife.ca/> Registration \$998USD.
- **Brazil, Indiana.** Monday **27 June, 10am – 30 June, 1pm**. Shared camp lodging and all meals provided. Registration \$1025 USD.
- **Boise, Idaho.** Tuesday **21 June, 10am – 24 June, 1pm**. Registration \$950.

Registration:

- Student, agency, and group **discounts available**. Please inquire.
- For further information and registration contact **Kim.Livengood@ymail.com**.

Other workshops offered: AnalookW Analysis (zero-crossing analysis with noise and auto-ID filters). Next analysis workshop: Edmonton, AB, Canada 27 – 29 Sept. 2011.