

The Cumberland HCP Science Advisory Committee Meeting Agenda
Cumberland Mountain State Park, Crossville, Tennessee
9:00 a.m.—3:15 p.m. (Central Time), Thursday, 18 September 2008

Meeting Location: Cumberland Mountain State Park Restaurant, Lower Level, Room C
(Follow signs from park entrance to the restaurant across the lake/dam; the dam bridge is open).

- 9:00—9:30 a.m. (Central) Arrivals, greetings, and refreshments
- 9:30—9:35 a.m. Introductions and overview of goals for the meeting
- 9:35—9:50 a.m. Update and status of the Cumberland's HCP project
Alex Wyss, The Nature Conservancy
- 9:50—10:00 a.m. Questions and discussion
- 10:00—10:05 a.m. Update on policy question for HCP: Online posting of species accounts, research reports, maps, etc.
Hayden Mattingly, Tennessee Technological University
- 10:05—10:15 a.m. Break
- 10:15—11:55 a.m. **Cumberland HCP Focused Research Presentations**
*(*denotes presenter, c=completed research, u=upcoming research)*
1. Documenting the Effects of a Range of Forest Management Prescriptions on Cerulean Warbler Abundance and Population Demographics for the Cumberlands HCP. *Dave Buehler*^{cu} et al., University of Tennessee*
 2. Distribution, Abundance, and Autumn Habitat Survey for the Indiana bat, Cumberlands HCP, Tennessee. *Piper Roby*^{cu}, Jeff Hawkins, Mark Gumbert, Copperhead Consulting*
 3. Examination of the use of Stable Isotope Analysis to Determine the Migratory Patterns of Female Indiana Bats *Myotis sodalis* that Hibernate in Fentress County, Tennessee. *Eric Britzke*^{cu}, Private Consultant*
 4. The Effects of Urbanization on Streams: A case study Crossville Tennessee. *Vince Neary*^c, Tennessee Technological University*
 5. GIS-based Underwater Video Mapping for identifying Federally-listed Mussel and Fish Habitat to support the Cumberlands Habitat Conservation Plan. *Paul Ayers*^{cu}, University of Tennessee*
 6. Using Bayesian Belief Networks for Conservation Planning: Applications for blackside dace and the Cumberland HCP. *Kevin McAbee and Nate Nibblelink*^c, University of Georgia*

11:55 a.m.—12:55 p.m.	Lunch buffet upstairs in restaurant
12:55—1:10 p.m.	Door Prizes (in Room C)
1:10—1:50 p.m.	Species working groups update <i>Trisha Johnson and Sean Blomquist, Tennessee Technological University</i>
1:50—2:00 p.m.	Break
2:00—2:45 p.m.	Group activity assessing cumulative impacts A: Watersheds B: WMAs <i>Sean Blomquist, Tennessee Technological University</i>
2:45—3:00 p.m.	Review group activity
3:00—3:15 p.m.	Future SAC goals <i>Hayden Mattingly, Tennessee Technological University</i>
3:15 p.m. (Central Time)	Meeting adjourned

Main Goals for Today's Meeting

1. Inform SAC members about HCP focused research projects; including completed and upcoming research.
2. Describe progress and status of the species working groups.
3. Summarize methods to address cumulative impacts in watersheds and WMAs in the project area.
4. Delineate next steps for upcoming months (species working groups, technical teams, research priorities for RFP, etc.).

See www.cumberlandhcp.org for maps of project areas and other information.