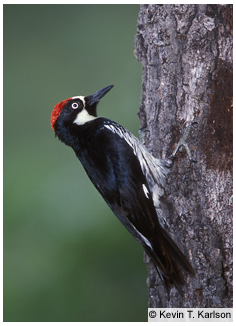
TRAINING COURSE ANNOUNCEMENT
NATIONAL CONSERVATION TRAINING CENTER
Shepherdstown, West Virginia



NEW SESSION ADDED THIS FISCAL YEAR!!

CSP 2101 *Introduction to Conservation Biology*

August 11 - 15, 2008

This course offers an overview of conservation biology, including discussion of its fundamental biological and ecological principles. Content includes measuring biodiversity, defining species, genetics of small populations, demographic processes with uncertainty, population viability analysis, and metapopulation dynamics. The foundation for understanding Strategic Habitat Conservation will be covered, including planning and setting biological priorities for landscape level projects. A variety of class exercises and population viability computer exercises give participants hands-on practice throughout the course.

Who Should Attend: Biologists and managers requiring a background in current topics related to conservation biology. US Fish and Wildlife Service, BLM and National Park Service employees attend tuition free. Cost for all others is $850.

Length: 4.5 days/36 hours **College Credit:** 2 semester hours.

Objectives: By the end of the training, the participant will be able to:

- Apply various measures of species and biodiversity indices.
- Describe various species concepts and their implications for species protection;
- Determine the effects of small population size on population genetics and population viability.
- Determine effective population size for a population.
- Recognize the types of uncertainty in ecological systems and its impact on populations.
- Explain the concepts associated with population viability analysis and metapopulation dynamics.
- Conduct viability analyses for single populations and metapopulations.
- Describe the foundations of island biogeography theory and implications for conservation planning.
- Work with the basic components of the Strategic Habitat Conservation approach to landscape level conservation.
- Learn to set priorities for conservation planning using GAP Analysis and indicator species concepts.
- Determine what indices to use at a variety of levels for monitoring biodiversity.

Instructors: Dr. Curt Griffin, Professor of Wildlife Ecology, Amherst, MA

To Register: Online at http://doilearn.doi.gov. If you are not in the Dept. of Interior, click on "Public Catalog Login" at the opening page. Use the course code to search the site "CSP2101".

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