

Concurrent Session Presenters, Titles and Descriptions for 2006 Annual Conference

<u>Session Time</u>	<u>Speaker</u>	<u>Session Title and Description</u>
Fri, Oct. 13 3-4:30 p.m.	Andy Langdon & Krista Daniels	“Teaching Indoor Astronomy” Indoor astronomy can be a fun way of learning the constellations without the night sky. This PowerPoint presentation will show you easy ways of making astronomy fun for kids and adults. It includes Roman and Greek mythology and an easy-to-use star chart you can take anywhere so you will always know what constellations are visible at any time of the year.
Ditto	Doug Keller	“Aquatic Organisms in the Classroom: Environmental Education or Ecological Disaster?” Aquatic plants and animals have been used for years as a teaching tool in classrooms. The ecological role of plants and animals can be observed, while at the same time the students enjoy the responsibility of caring for the organisms. As a school year comes to a close, teachers and students have to decide what to do with their aquatic friends. Far too often, this scenario has been implicated as a pathway for the establishment of aquatic invasive species in the wild. In the session, we will discuss some of the potential invasive species commonly used in classrooms. We will also explore some ecologically friendly options for disposing of the organisms at the end of the lesson.
Ditto	Teena Ligman, Stori Snyder, & Stacey Duke	“Putting Non-natives on Trial” Participatory agreement results in a four pronged approach to give elementary students a better understanding of invasive species. Four plants in gaudy tropical attire are put on trial. Armed with habitat information about themselves, they are interrogated by the jury to determine their guilt or innocence.

<u>Session Time</u>	<u>Speaker</u>	<u>Session Title and Description</u>
Sat., Oct. 14 8:30-10 a.m.	Kriste Lindburg	<p>“Cavebiota.com...an Evolving Webumentary”</p> <p>This presentation will introduce you to cavebiota.com, a website that features video clips in and about caves. Featured will be updates on the videos, hands-on activities, and possible expansions of the project to include a 30-minute AV production, integration into other curricular programs, and “virtual cave” software.</p>
Ditto	Karen Henman	<p>“Water Quality and Water Testing: Examples from Digital Library for Earth System Education”</p> <p>The Digital Water Education Library (DWEL) is a collection in DLESE that focuses on the science, economics and policy issues of water. There are about 500 resources in this reviewed collection, with everything from lessons, data, animations, etc. It is an exciting resource for K-12 science that makes it easy to search about 10,000 educationally relevant digital resources related to earth science.</p>
Ditto	Stan Harris	<p>“What is Project Citizen?”</p> <p>You will be introduced to “Project Citizen”, a curricular program in civic education for middle and high school students and youth organizations. Project Citizen promotes competent and responsible participation in local and state government. It enables young people to monitor and influence public policy. The curriculum involves an entire class of students or group members in a series of structured, cooperative-learning activities guided by teachers, organization leaders and/or adult volunteers.</p>

<u>Session Time</u>	<u>Speaker</u>	<u>Session Title and Description</u>
Sat., Oct. 14 10:30-noon	Melissa Mitchell	<p>“People Count: Activities on Population and Sustainability”</p> <p>Engage in interdisciplinary, hands-on activities that examine limits to growth in a finite world, and the impacts of population growth on habitats, environmental and public health, and social well-being. Presented activities match state and national content standards for grades 5-12 science and social studies. Free activities on CD!</p>
Ditto	Kim Swift & Brian Forist	<p>“Teacher Training Hubs: A Model for Collaboration”</p> <p>Lots of non-formal educators provide professional development opportunities for teachers—from Project WET, WILD and Learning Tree to specialized site-based programs. A group of educators in northwest Indiana has been working together to develop a model of collaboration known as the Northwest Indiana Teacher Training Hub. From this partnership of eight organizations, a website has been created and a series of workshops developed which build upon each other. The workshop series lays the foundation of ecological literacy for teachers and also provides incentives needed for state recertification. Join two of the Hub partners to learn about this exciting, innovative model for collaboration and enjoy some great activities and tips to improve your own professional development workshops.</p>
Ditto	Philip Hallenbeck & Jody Heaston	<p>“Trees to Transportation”</p> <p>This session will take a look at how ancient people and early American Indians used and constructed the dug-out canoe. Participants will also learn how information from activities in this session can be used to augment curriculum dealing with early American history.</p>

<u>Session Time</u>	<u>Speaker</u>	<u>Session Title and Description</u>
Sun., Oct. 15 8:30-10 a.m.	Jody Heaston	<p>“Wildlifescaping 101”</p> <p>Come learn creative and easy ways to landscape your back yard or outdoor lab to attract different kinds of wildlife. Wildlife areas are a great teaching tool. See how you can bring what you see outside, inside to your students. We will focus on birds and butterflies.</p>
Ditto	John Taylor	<p>“Landscaping with Native Plants: Examples from Ball State University’s Field Station and Environmental Education Center”</p> <p>Many people, from homeowners to CEOs, are interested in native landscaping for its environmental as well as economic benefits. A well planned and maintained native landscape, whether in a rural area or on the roof of city hall, can appeal to the senses and be appreciated at many levels. Find out how the Field Station & Environmental Education Center at Ball State is using native landscaping to improve the environment and provide educational and research opportunities to students and the community. Learn how to start incorporating native plants into your landscape.</p>
Ditto	Amanda Wuestefeld & Pat Cooper	<p>“Fish Consumption: Fish That is Good For You and the Environment”</p> <p>Learn about the healthy aspects of eating fish. Find out how to eat fish safely and just what it is that makes some fish unsafe. In this workshop you will find out also how some fish are harvested in ways that are harmful to the environment and there are steps to take to make sure you are an informed consumer.</p>

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Sun., Oct. 15 10:30-noon	Pat Cooper & other NREC staff	<p>“NREC Art Sampler”</p> <p>We will use activities from the Indiana Department of Natural Resources’ five educational programs: Projects WET, WILD, PLT, Go FishIN, and Hoosier Riverwatch, to create many different art projects. We will combine science lessons with fine arts to create some fun and beautiful items. This will be a “make and take” workshop for the participants. There will be handouts and directions for all the projects created.</p>
Ditto	Lynn Jenkins	<p>“Natural Lawn Care...and More!”</p> <p>Re-thinking the chemically addicted lawn—how did we get here? Can we detox? Chemicals on our lawns create havoc for nature; some are contributing to global warming. Are they necessary? What are alternatives? Lynn will share information on why our preoccupation with lawn is hurting the world around us as well as our own private space. She will share ideas on changing our addiction.</p>
Ditto	Susan Eichhorn	<p>“Using Games to Reach Your Audience”</p> <p>As environmental educators, we are constantly working to find creative, cheap ways to teach our message. By using popular games (both from TV and other), we can engage our audience and teach our message. If you enjoy playing games and could use new methods of teaching your subject, join Susan from the East Central Solid Waste District as she shows how she adapts and uses games to teach children and adults about solid waste management.</p>