Jigsaw – A technique for Student-Active Learning
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Photo Credit from EcoEdDL

An Iberian lynx (Lynx pardinus), one of the world's most endangered cat species. By Antonia Sabater.

News

Recent EcoEdDL Publications

- EcoEdDL is now offering collections of related resources, which can be individually downloaded. Check out our first submission, Biology and Conservation of Loggerhead Sea Turtles by Arturo Herrera.
- *Issues in Ecology* #14 is now cataloged in EcoEdDL: Setting Limits: Using Air Pollution Thresholds to Protect and Restore U.S. Ecosystems.
- The American Museum of Natural History Network of Conservation Educators and Practitioners (NCEP) has contributed four new exercises to the EcoEdDL Emerging Issues Collection (see announcement below to learn more).

Reminder: EcoEdDL Call for Teaching Materials

Submit your teaching resources related to conservation targets under global change for review and publication in ESA's Emerging Issues Conference special collection! Deadline is December 20, email questions to Celia Smith at Celia@esa.org.

EcoEdDL Webinar Series Videos and Forum Discussion

A recording of the November 10 webinar "Applying Applying Education and Learning Research to Ecology Lesson Development" has been uploaded to the ESA YouTube channel and is now available on EcoEdDL. A new thread for the webinars has also been created in the EcoEdDL forum. Even if you didn't attend the webinars, we invite you to view the videos and start the conversation by sharing comments related to the education topics they deal with, and how these can translate into improving EcoEdDL resources.

My College Options

ESA is partnering with My College Options, the largest college and career planning community in the country. Students can register to obtain a personal online college and career planning profile where their needs, talents and interests are matched with colleges and universities across the nation. Other MCO resources include test preparation, scholarship matching, and expert advice on the college planning process for students as well as parents, educators and counselors.

Upcoming Events

ASM Biology Scholars Program
Residencies on Transitions (Publishing Education Research), Research, and Assessment. Applications due between February and March. Interviews with Biology Scholar Program alumni are now available for prospective applicants to view on the program site.

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Data for the Ecology Classroom Advisory (DECA) panel
Ken Klemow (chair), *Wilkes University*
Barbara J. Abraham, *Hampton University*
Colleen McLinn, *Cornell Lab of Ornithology*
Bibit Traut, *City College of San Francisco*

SEEDS Update

Jornada Field Trip Report

The 2011 SEEDS Fall Field Trip took place from October 6 – 9 in New Mexico at the Jornada Experimental Range LTER. SEEDS supported the participation of 22 undergraduates from 18 colleges. The theme was "making science accessible and relevant to society." Students learned about the unique history of the Jornada LTER with academic and government interests, making the focus of their research applied and connective in nature and informing global arid land management. Read the student-written report.

SEEDS Chapter Awards

View upcoming deadlines and details for grants supporting SEEDS chapter activities.

Reports

Georgetown STEM Report

In late October, the Georgetown University Center on Education and the Workforce published a report on Science, Technology, Engineering and Mathematics (STEM) in education and the workplace. It shows that 65% of those with STEM bachelor's degrees earn more than those with non-STEM master's degrees, and that for every 100 students with a bachelor's degree, 19 are STEM graduates but only 8 are working in a STEM-related field after 10 years. Earnings by occupation, race, sex, and education level are also reported.

Resources

UK Center for Bioscience

The UK Center for Bioscience houses a higher education resource database and ImageBank for use in teaching, case studies on e-learning and peer assessment, education research and assessment materials, and resources to support new educators.

National Center for Case Study Teaching in Science

This database of case studies is intended to support active learning and problem-based science education. Supported by NSF and hosted by the University at Buffalo, the database contains 391 peer-reviewed case studies across the sciences.

National Institute of Invasive Species Science

The NIIS is a consortium of government agencies and NGOs based in Colorado at the USGS Fort Collins Science Center. NIIS coordinates invasive species research and management across sectors and sciences. Users can browse the site by location, project, and species and find information on field tools and research methods (login required).

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