

**Ecosystems & Biodiversity**  
(Gr. 4-6)



**Land Use**  
(Gr. 4-5)



**Water Quality**  
(Gr. 6-8)



**Energy Resources**  
(Gr. 7-9)



**Air Quality**  
(Gr. 7-9)



**Michigan Environmental Education Curriculum Support Workshops ~ June 21-22**

Attend one or more of these teacher-training workshops to obtain one of the FIVE outstanding, Michigan-specific science and social studies units for your classroom. Each unit includes a notebook of engaging, innovative hands-on lessons, CD-ROM, posters, and a classroom kit of resources. Units are designed to enhance students' skills and understanding of Michigan's environment. For more information: [www.michigan.gov/deq-meecs](http://www.michigan.gov/deq-meecs)

**Thursday, June 21, 2007**

**Ecosystems & Biodiversity (for Gr. 4-6) 8:30a.m.-12:15p.m. EST**

Explores how organisms interact with their environment, ecosystem services, Michigan's environmental timeline, and concepts related to biodiversity including "Michigan's Web of Life" and "Biodiversity Study." Instructor: Pam Schmidt, Unit Lead Writer

**Land Use (for Grades 4-5) 12:45-4:30p.m. EST**

Learn how to analyze issues regarding land use and understand human impact on the environment. Instructor: Joan Chadde

**Energy Resources (for Gr. 7-9) 12:45-4:30p.m. EST**

Discover Michigan's energy use and sources, how electricity is generated, renewable and non-renewable energy resources, energy conservation and efficiency, and environmental sustainability. Students keep an Energy Use Diary, compare Michigan and U.S. per capita energy consumption to energy use in other countries, and calculate their energy footprint. What is Michigan's energy future? Instructor: Heather Luoto, Unit Lead Writer

**Friday, June 22, 2007**

**Water Quality (Gr. 6-8) 8:30a.m.-12:15p.m. EST**

Students discover the essential role that water plays in Michigan's economy and our lives, calculate direct and indirect water use, explore how Michigan watersheds are connected to the Great Lakes, identify characteristics of healthy streams, analyze Michigan stream data, and investigate challenges to the Great Lakes. Instructor: Joan Chadde, Unit Lead Writer

**Air Quality Gr. 7-9 12:45-4:30p.m. EST**

Explore the health effects of air pollutants and examine current Michigan air quality issues. Lessons utilize hands-on activities to provide students with a broad understanding of air quality. Instructor: Pam Schmidt

**Location: Copper Country ISD, Hancock, MI  
Distance Learning Room**

**Workshop Cost: \$40 per workshop.  
Includes notebook & classroom kit.**

(Workshop costs for teachers from schools in the CCISD Professional Development Consortium will be covered.)

**0.3 SB-CEU available per workshop** at no charge

**1 credit from Michigan Tech University available:**  
Must attend 3 workshops. Michigan Tech tuition (\$214 per credit) is the responsibility of the participant.

**Lodging: Michigan Tech's Wadsworth Hall.**  
Overnight lodging and meals are available for an additional cost at Michigan Tech University's Wadsworth Hall. \$36/night for a single with private bath, or \$46/night for a double with private bath. Breakfast \$5.50 / Dinner \$7.50. Please check on registration form and you will be contacted with more information.

**Lunch:** Available to participants attending one or two workshops each day. Please check on registration form if you would like lunch.

**For More Information:**

Contact Shawn Oppliger at [shawn@copperisd.org](mailto:shawn@copperisd.org) or call 906-482-0331. Website: <http://wupcenter.mtu.edu>

*"So much great stuff! These are outstanding units for our teachers!"*

*Teacher Workshop Participant*

**Michigan Environmental Education Curriculum Support Workshops**

**June 21-22, 2007**

Name: \_\_\_\_\_ School: \_\_\_\_\_

Email: \_\_\_\_\_ Subject: \_\_\_\_\_ Grade \_\_\_\_\_ Home Phone \_\_\_\_\_

**Thursday, June 21, 2007**

Ecosystem & Biodiversity \_\_\_\_\_

Land Use \_\_\_\_\_

Energy Resources \_\_\_\_\_

**Friday, June 22, 2007**

Water Quality: \_\_\_\_\_

Air Quality: \_\_\_\_\_

Need Lodging: Yes No (circle)

Request Lunch (no charge): Thursday Friday (circle)

**To Register:** Loret Roberts ~ Email: [loret@copperisd.org](mailto:loret@copperisd.org) ~ Phone: 906-482-0331 ~ Fax: 906-482-5031  
Copper Country ISD, P.O. Box 270, Hancock, MI 49930

**Registration Deadline: Friday, June 8, 2007**