



Core Concepts in Earth Science Summer Institute

August 4-8, 2008

8:30 am - 5:00 pm

A summer institute & graduate course for teachers of Earth Science

The Earth Science Summer Institute will focus on a broad array of Earth Science content from the New York State Physical Setting Core Curriculum with emphasis on examples from New York State. Topics in geology, meteorology and astronomy will be examined through inquiry-based field and laboratory experiences. The workshop is intended for those who desire a deeper **foundation in Earth Science content** and **pedagogical content knowledge**.

Topics will include physical geology, structural geology, Earth history, geomorphology, modern mapping and remote sensing resources, meteorology and astronomy. Emphasis will be placed on first hand observation and data collection in the field and the use of real-time data. The workshop may be taken for 3 graduate credits through the SUNY College at Oneonta with the payment of appropriate tuition and fees. The course is **ESCI 500 Core Concepts in Earth Science**. Participants who own GPS units should bring them to the workshop. GPS units will be available for the use of other participants. If you will be enrolling in the course for graduate credit, **New York State teaching certification or equivalent is prerequisite**.

Visit <http://www.stevekluge.com/oneonta/2008/> for more information.

Each day for five days, the class will meet from 8:30 a.m. to 5:00 p.m. with occasional evening sessions. The workshop/course will meet for a minimum 45 hours of instruction.

FACULTY: **Jim Ebert**, professor of geology, is a recipient of the SUNY Chancellor's Award for Excellence in Teaching and the National Association of Geoscience Teachers John H. Moss Award for Excellence in College Teaching. He chairs the New York State Alliance for Earth and Space Science Education. Dr. Ebert hosts the ESPRIT listserv for Earth Science teachers. EBERTJR@oneonta.edu
Steve Kluge has been teaching Earth Science and Physical Geology for 30 years. He is a co-founder of the New York State Alliance for Earth and Space Science Education and is a frequent presenter at conferences and contributor to professional journals. He is a consultant with Putnam and Northern Westchester BOCES. The Geological Society of America and NAGT recognized him with their Outstanding Earth Science Teacher Award. steve.kluge@gmail.com

Fee: The cost for the Institute is \$450 per participant (\$400 for participants in the area served by the Catskill Regional Teacher Center). The fee includes course materials, continental breakfast and lunch daily. Oneonta has numerous hotels available, and dormitory-style housing is available at reasonable cost at the college's Morris Conference Center. Participants wishing to earn graduate credit must pay additional tuition fees. Contact [Dr. Ebert](mailto:Dr.Ebert) if you are interested in staying at Morris Hall and for more information.

Name: _____

Address: _____

Phone: _____ (w) _____ (h) _____ (cell)

Email: _____

District/Building: _____



Make check to:

Catskill Regional Teacher Center, SUNY Oneonta,
209 Bugbee School, Oneonta, NY 13820 or fax to
(607) 436-2580—with the check mailed. Registration
with payment is required by June 8, 2007. There will
be no refunds given after June 30, 2007.



Note: Catskill Regional Teacher Center Summer Study Mini Grants are available for graduate credits