VITA
SALLIE E. GREENBERG

PERSONAL

Present Position: Assistant Director
Advanced Energy Technology Initiative
Illinois State Geological Survey
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EDUCATION

1994	Alfred University, Alfred, NY, BA Geology/Environmental Science
1997	University of Illinois, Champaign, IL MS Geology
2005 – Present	University of Illinois, Champaign, IL, PhD Candidate (Expected, 2012) Dissertation: Impact of Social Media as an Instructional Component on Content Knowledge, Attitudes, and Public Engagement Related to Global Climate Change. Thesis advisor: Dr. Fouad Abd-El-Khalick

PROFESSIONAL SUMMARY

Sallie Greenberg is the Assistant Director of the Advanced Energy Technology Initiative, Director of the Sequestration Training and Education Program (STEP), and the Sequestration Communications Coordinator for the Illinois State Geological Survey (ISGS) and Midwest Geological Sequestration Consortium (MGSC), one of the U.S. Department of Energy's seven regional sequestration partnerships. In these roles she helps lead a team of scientists working on several carbon capture and geologic sequestration projects, including the Illinois Basin – Decatur Project (IBDP) and the Illinois Industrial Carbon Capture and Storage Project (Illinois ICCS). She began her career as an isotope geochemist and has more than 20 years of experience in environmental geology with a research focus on understanding the societal implications of natural resource utilization. For the last 8 years, she has created and implemented knowledge sharing and capacity building programs to publically engage stakeholders in carbon capture and sequestration. In 2009, she received funding to launch the Sequestration Training and Education Program (STEP) to disseminate information and provide training and education for the public, educational community, and emerging carbon sequestration industry. Her combined training as an environmental geologist and a geoscience educator provide a unique perspective on understanding public challenges related to carbon sequestration and energy. She holds a Master of Science degree in Geology from the University of Illinois and a Bachelor of Arts degree in Geology from Alfred University in New York. She is currently working on a Ph.D. in Curriculum and Instruction at the University of Illinois, expected 2012.

PROFESSIONAL EXPERIENCE

2009-present	Assistant Director, Advanced Energy Technology Initiative and Director, Sequestration Training and Education Program (STEP) Illinois State Geological Survey, Champaign, IL
2007-present	Sequestration Communications Coordinator Illinois State Geological Survey, Champaign, IL
2007-2009	Associate Scientist Earth and Energy Resources Center Illinois State Geological Survey, Champaign, IL
2006-2007	Associate Scientist, Isotope Geochemistry Section Illinois State Geological Survey, Champaign, IL
2005-present	Outstanding Earth Science Teacher Award Coordinator National Association of Geoscience Teachers - Central Section
2000-2006	Assistant Scientist, Isotope Geochemistry Section Illinois State Geological Survey, Champaign, IL
1997-2000	Assistant Supportive Scientist, Isotope Geochemistry Section Illinois State Geological Survey, Champaign, IL
1997	Graduate Hourly Assistant, Isotope Geochemistry Section Illinois State Geological Survey, Champaign, IL
1994-1997	Teaching Assistant, Department of Geology University of Illinois, Urbana, IL
1995-1997	Research Assistant, Department of Geology University of Illinois, Urbana, IL
1991-1994	Research Assistant, Department of Physical Sciences Alfred University, Alfred, NY
1992-1994	Summer Research Assistant, Department of Geology University of Illinois, Urbana, IL
1984-1991	Visitors Services and Secretarial, various positions

PUBLICATIONS

Wade, S., Greenberg, S.E., 2011, Social Site Characterisation: From Concept to Application. Global CCS Institute.

Bradbury, J, Greenberg, S.E., Wade, S., 2011, Communicating the Risks of CCS, Global CCS Institute.

Hund, G., and Greenberg, S.E., 2010, Dual-track CCS project proponent stakeholder engagement programs - lessons learned from FutureGen in Illinois, GHGT-10, September 19-23, 2010: Amsterdam, The Netherlands.

Greenberg, S., Gauvreau, L., Hnottavange-Telleen, K., Finley, R., and Marsteller, S., 2010, Meeting CCS communication challenges head-on: Integrating communications planning, risk assessment, and project management, GHGT-10, September 19-23, 2010: Amsterdam, The Netherlands.

Greenberg, S.E., and Wade, S., 2008, Afraid to Start Because the Outcome is Uncertain, GHGT-9, November 16-20, 2008: Washington, DC.

Greenberg, S., Leetaru, H., Krapac, I., Hnottavange-Telleen, K., and Finley, R., 2008, A Multi-Level Approach to Outreach for Geologic Sequestration Projects, GHGT-9, November 16-20, 2008: Washington, DC.

Wang, H. and Greenberg, S.E, 2007, Reconstructing the Response of C_3 and C_4 Plants to Decadal-Scale Climate Change During the Late Pleistocene in Southern Illinois Using Isotope Analyses of Calcified Rootlets, *Quarternary Geology*, v. 67, p. 136-142.

Greenberg, S.E., and Finley, R.J. 2006, Energy from Coal in the Illinois Basin, Illinois State Geological Survey.

Greenberg, S.E., Finley, R.J., and Mehnert, E., 2006, Carbon Capture and Sequestration: Bridging the Gap, Illinois State Geological Survey.

Greenberg, S.E., and Finley, R.J., 2006, Carbon Capture and Sequestration in the Illinois Basin, Illinois State Geological Survey.

Greenberg, S.E., ed., 2005, Time Talks: The Geology of Starved Rock and Matthiessen State Parks, 48 p.

Panno, S.V., Hackley, K.C., Hwang, H.H., Greenberg, S.E., Krapac, I.G., Landsberger, S., and O'Kelly, D.J., 2006 Characterization and Identification of the Sources of Na-Cl in Ground Water, Ground Water, v. 44, no. 2, p. 176-187.

PROFESSIONAL SERVICE AND ACTIVITIES

2011 International Energy Agency Greenhouse Gas (IEAGHG) International CCS Summer School, July 17-23, 2011, Champaign, Illinois, Local Host and Conference Organizer

US Senate Testimony. Testimony given before the United States Senate Committee on Energy and Natural Resources regarding S. 699 and S.757. May 12, 2011.

Midwest Governor's Association CCS Task Force (2010-2011), active member

International Energy Agency Greenhouse Gas (IEAGHG) International CCS Summer School Program, International Organizing Committee, 2010, 2011

International Energy Agency Greenhouse Gas (IEAGHG) Social Research Network, 2010-2011, Steering Committee

World Resources Institute, Public Acceptance Guidelines (2009-2010), contributor

Associate Editor, Journal of Geoscience Education, National Association of Geoscience Teachers (2006-2008)

National Association of Geoscience Teachers - Outstanding Earth Science Teacher Award Coordinator - Central Section 2004-2007

World Resources Institute – Public Engagement in Carbon Sequestration Guidelines Expert Panel Participant 2009

World Resources Institute – Carbon Sequestration Guidelines Expert Panel Participant 2007-2008

Regional Carbon Sequestration Partnership Program – Outreach Working Group, active member

PRINCIPAL INVESTIGATOR

Principal Investigator: Development of Workflow for Offshore Geological Carbon Sequestration Storage Demonstration, Korean Ocean Research and Development Institute (KORDI), $88,273, awarded April 2012.

Principal Investigator: Program Evaluation of DCEO Coal Education Program, Illinois Department of Commerce and Economic Opportunity-Office of Coal Development, $116,845, awarded April 2012.

Principal Investigator: Bridging Science and Society: Communication and Knowledge Sharing for a Carbon-Neutral Society, International Institute for Carbon-Neutral Energy Research, $300,000, awarded July 2011.

Co-Investigator: International Comparison of Public Outreach Practices Associated with Large Scale CCS Projects, Commonwealth Scientific and Industrial Research Organisation (CSIRO) and Global CCS Institute. $65,000, awarded June 2010.

Principal Investigator: DE-FE0002462 Development and Implementation of the MGSC CO2-Technology Transfer Center, U.S. Department of Energy, $1,000,000, awarded November 2009.

Principal Investigator: Carbon Sequestration Communication and Development Support Initiative, Illinois Department of Commerce and Economic Opportunity – Office of Coal Development, $170,000, Awarded January 2009.

Principal Investigator: Carbon Sequestration Educational Outreach Initiative-Supporting the Governor's Energy Plan & FutureGen by Making Sequestration Science Easy to Understand, Illinois Department of Commerce and Economic Opportunity – Office of Coal Development, $80,000, Awarded January 2007, Completed December 2008.