

CURRICULUM VITAE
JON E. SCHOONOVER

August 18, 2020

I. PROFESSIONAL AFFILIATION AND CONTACT INFORMATION

Present Position: Professor, Forestry. Southern Illinois University Carbondale

Office

Department of Forestry
1205 Lincoln Drive
Southern Illinois University Carbondale
Carbondale, IL 62901-4411
Tel.: 618-453-7468
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Home:

13816 N.Greenbriar Rd.
Carterville, IL 62918
Tel.: 618-318-0113

II. EDUCATION

Ph.D., Forest Hydrology. Dec. 2005. School of Forestry and Wildlife Sciences, Auburn University, Auburn, AL. Dissertation Title: Hydrology, water quality, and channel morphology across an urban – rural gradient in the Georgia Piedmont, USA. Advisor: B. Graeme Lockaby

M.S., Forestry. Dec. 2001. Department of Forestry, Southern Illinois University Carbondale, Carbondale, IL. Thesis Title: Native riparian vegetation impacts on agricultural surface and subsurface water quality in the Cache River watershed. Advisor: Karl W.J. Williard

B.S., Forestry. Dec. 1999
Southern Illinois University Carbondale
Carbondale, IL 62901
GPA: 3.91/4.00 summa cum laude

A.S., General Science. May 1997
Kaskaskia Junior College
Centralia, IL 62801
GPA: 3.55/4.00

III. PROFESSIONAL EXPERIENCE

Professor of Physical Hydrology and Soils. Jul. 2015 – Current. Department of Forestry, Southern Illinois University Carbondale, Carbondale, IL.
Interim Chair, Dr. James Zaczek. The position is a 45/50/5 teaching/research/service appointment.

Adjunct Faculty. Jan. 2006 - Present. School of Forestry and Wildlife Sciences, Auburn University, Auburn, AL.

IV. RESEARCH AND CREATIVE ACTIVITY

A. Interests and Specialties

Impacts of land use on water chemistry, hydrology, channel morphometry, and sediment transport; fecal coliform contamination across multiple land uses; water resource stress associated with urban-rural interfaces; biogeochemistry of floodplain forests; and riparian zone management in agricultural systems.

B. Current Projects (Total awards while at SIU: \$12,581,237)

- K. Willard, J.E. Schoonover, G. Singh, A. Sadeghpour. 2018. Minimizing Phosphorus and Nitrogen Loss from Agricultural Systems with Cover Crops and Tillage in Southern Illinois. Nutrient Research and Education Council.
- K. Willard, J.E. Schoonover, G. Singh, and D. Sanders. 2018. Water Quality and Agronomic Impacts of Gypsum Applications in Southern Illinois. Nutrient Research and Education Council.
- J. Schoonover, K. Willard, G. Singh. 2018 Modelling and Designing Saturated Buffers for Nitrogen and Phosphorus Mitigation in Illinois. Nutrient Research and Education Council.
- J. Schoonover, K. Willard, G. Singh. 2018. Water and Sediment Control Basins (WASCoBs) influence on Crop Yields and Water Quality. Nutrient Research and Education Council.
- Schoonover, J.E. 2017. Two-stage saturated buffer: blending buffers and cover crops. USDA McIntire-Stennis.

V. PUBLICATIONS, TEACHING, AND AWARDS

A. Articles in Professional Journals – 46

Harzing's Publish or Perish h-index = 11, Web of Science h-index = 8

B. Professional Presentations - 223

C. Teaching Interests and Specialties

Forest Soils, Urban Hydrology, Watershed Management, Dendrology, Aquatic Resource Management and Freshwater Angling

D. Teaching Awards and Honors

- 2014 Teaching Award of Merit, North American Colleges and Teachers of Agriculture (NACTA).
- 2014 College Teaching Excellence Award recipient, presented by SIU College of Agriculture Sciences.
- 2014 Nominated by the College of Agriculture Sciences for the University-wide Teaching Excellence Award.
- 2010 Donald M. Elkins Excellence in Teaching Award, College of Agriculture Sciences, SIU. College-wide recognition for teaching achievement presented by the College of Agri. Sci. Student Advisory Council, SIU.