

ERIC J. HOLZMUELLER

Professor of Forestry
Southern Illinois University, Carbondale, IL 62901
E-mail: eholzmue@siu.edu

EDUCATION

Ph.D. Forest Ecology, University of Florida, Gainesville, FL, 2006
M.S. Forest Biology, Iowa State University, Ames, IA, 2002
B.S. Forestry, Iowa State University, Ames, IA, 1999

CURRENT POSITIONS HELD

7/16 to present Professor, School of Forestry and Horticulture, Southern Illinois University, Carbondale, IL
Appointment: 50% Teaching, 45% Research 5% Service
1/25 to 6/25 Acting Director, School of Forestry and Horticulture
7/22 to 6/25 Coordinator, SIU Forestry Program
7/19 to 6/25 Director, Illinois Forestry Development Council

PUBLICATIONS (n = 35; listed are selected examples)

- Schammel, L.A., E.J. Holzmueller, J.W. Groninger, C.M. Ruffner, and J.L. Nelson. 2025. Recovering of biodiversity in bottomland hardwood forests after a tornado and salvage logging in southern Illinois (USA). *Ecologies*, 6, 27 DOI: 10.3390/ecologies6020027
- Englis, E.N., E.J. Holzmueller, C.M. Ruffner, and J.W. Groninger. 2023. Regeneration and growth following silvicultural treatments in a productive central hardwood forest. *Forests*, 14:1222 DOI: 10.3390/f14061222
- Barfknecht, D.F., S. Thapa, D.J. Gibson, and E.J. Holzmueller. 2023 Taxonomic and phylogenetic shifts following an inland derecho. *Biodiversity and Conservation*. 32:2395-2424.
- Jose, S., and E.J. Holzmueller. 2022. Tree-crop interactions in temperate agroforestry. In: H.E. Garrett, S. Jose, and M.A. Gold (eds.) *North American agroforestry*. 3rd ed. Agronomy Society of America, Madison, WI. (invited).
- Leeson, R.E, C.K. Nielsen, D.C. Oliver, E.J Holzmueller, and B.M. Winkel. 2020. Short-term effects of silvicultural treatments and white-tailed deer exclusion on oak and hickory regeneration in southern Illinois. *Transactions of the Illinois State Academy of Science*. 113:31-40.
- Pease, B.S., C.K. Nielsen, and E.J. Holzmueller. 2019. Influence of forest structure and composition on summer habitat use of wildlife in an upland hardwood forest. *Diversity*. 11:160. doi: 10.3390/d11090160
- Mulroy, M.L., E.J. Holzmueller, M.A. Jenkins. 2019. Woody regeneration response to overstory mortality caused by the hemlock woolly adelgid (*Adelges tsugae*) in the Southern Appalachian Mountains. *Forests*.10:717; <https://doi.org/10.3390/f10090717>
- Holzmueller, E.J., J.W. Groninger, and J.A. Riechman, 2016. Recommended silviculture and management practices for Illinois hardwood forest types. Southern Illinois University, Department of Forestry. 65 p.
- Nickelson, J.B., E.J. Holzmueller, J.W. Groninger, D.B. Lesmeister. 2015. Previous land use and invasive species impacts on long-term afforestation success. *Forests*. 6:3123-3135.

EXTERNAL GRANTS AND CONTRACTS (\$4,543,455 from 36 separate contracts; listed are recent examples)

Holzmueller, E.J. and J.W. Groninger. 2024. SIU Community Forestry Core Program. IL DNR. Amount: \$199,950. 7/24 - 6/27.

Holzmueller, E.J. 2024. McIntire-Stennis Administration-FY25. USDA. Amount: \$301,651. 10/24 - 9/26.

Holzmueller, E.J. 2023. McIntire-Stennis Administration-FY24. USDA. Amount: \$278,563. 10/23 - 9/25.

Holzmueller, E.J. 2022. McIntire-Stennis Administration-FY23. USDA. Amount: \$276,294. 10/22 - 9/24.

Holzmueller, E.J. and J.W. Groninger. 2022. SIU Community Forestry FY23 & 24. IL DNR. Amount: \$165,000. 7/22 - 6/24.

Holzmueller, E.J. 2022. Illinois Forestry Development Council Director and Support: Continuation Through Fiscal Years 2023-2025. IL DNR. Amount: \$185,429. 07/22 - 06/25.

Holzmueller, E.J. 2019. Illinois Forestry Development Council Director and Support: Continuation Through Fiscal Years 2020-2022. IL DNR. Amount: \$184,780. 07/19 - 06/22.

Holzmueller, E.J. 2018. Response of Central Hardwood Forests Following Active Management. CSREES. Amount: \$80,000. 10/18 - 9/23.

Holzmueller, E.J. 2017. FDA Mapping in Illinois. IL DNR. Amount: \$54,050. 01/17 - 12/19.

Holzmueller, E.J. 2015. Ecological site descriptions in concert with the Missouri Soil Survey – Year Four. Missouri DOC. Amount: \$192,294. 6/15-7/15.

COURSES TAUGHT

Forest Resource Summer Camp, Forestry and Natural Resource Conservation, Habitat Management for Wild Game, Wildlife and Natural Resource Enterprise Management, Introduction to Mapping and GIS, Forest Health, and Forest Resource Management

GRADUATE STUDENTS AND POST-DOCTORAL FELLOWS CURRENTLY ADVISED OR CO-ADVISED: 3

GRADUATE STUDENTS AND POST-DOCTORAL FELLOWS COMPLETED: 12

OTHER CREDENTIALS

- 96 presentations at professional meetings and invited/guest lectures
- 30 graduate committees served at SIU
- 23 undergraduate research assistants
- 8 post graduate researchers
- FFA State Forestry Contest Coordinator
- Past Chair, Society of American Foresters, Illinois Chapter
- Past Chair, Society of American Foresters Forest Ecology Working Group
- Central Hardwood Forest Conference 2014 Planning Committee, Chair
- Past member of SIU Faculty Senate
- Past member of SIU Core Curriculum Executive Council
- Past Chair, School of Forestry and Horticulture Operating Paper Committee