

ERIC J. HOLZMUELLER

Professor of Forestry

Forestry Program

Southern Illinois University, Carbondale, IL 62901-6504

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

7/19 to present Director, Illinois Forestry Development Council

7/16 to present Professor, Department of Forestry, Southern Illinois University,
Carbondale, IL

Current Appointment: 50% Teaching, 45% Research 5% Service

PEER-REVIEWED PUBLICATIONS (n = 31; listed are recent examples)

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>

Pease, B.S., C.K. Nielsen, and E.J. Holzmueller. 2016. Single-camera trap survey designs miss detections: Impacts on estimates of occupancy and community metrics. *PLOS ONE*. 11:doi: 10.1371/journal.pone.0166689

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.

Csigi, K.K. and E.J. Holzmueller. 2015. Reduced seedling height of hard mast species in areas with low deer densities in an oak-dominated forest (Illinois). *Ecological Restoration*. 33:19-21.

Hayes, S.J., E.J. Holzmueller, and C.K. Nielsen. 2015. Bot fly (Cuterebrid) prevalence and intensity in southern Illinois *Peromyscus* species and a comparison to the literature. *Transactions of the Illinois State Academy of Science*. 108:1-3.

Kutsokon, N., S. Jose, and E.J. Holzmueller. 2015. Production potential of *Populus* plantations: A global analysis. *American Journal of Plant Sciences*. 6:23-33.

Holzmueller, E.J., J.W. Groninger, and C.M. Ruffner. 2014. Facilitating oak and hickory regeneration with stewardship treatments in mature central hardwood forests. *Forests*. 5:3344-3351.

Jensen, N.K., E.J. Holzmueller, P.J. Edwards, M. Thomas-Van Gundy, D.R. DeWalle, and K.W.J. Williard, 2014. Tree response to experimental watershed acidification. *Water, Air, and Soil Pollution*. 225:2034.

EXTERNAL GRANTS AND CONTRACTS (\$3,301,658 from 30 separate contracts; listed are recent examples)

- Holzmueller, E.J. 2019. Illinois Forestry Development Council Director and Support: Continuation Through Fiscal Years 2020-2022. IL DNR. Amount: \$184,780. 07/19 - 06-2022.
- 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.
- Ruffner, C.R., E.J. Holzmueller, and A. Teska. 2016. Developing a Land Management Plan for the Touch of Nature Environmental Center. SIU Green Fund. Amount: \$27,000 5/16 - 8/17.
- 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.
- Holzmueller, E.J. and J.W. Groninger. 2014. Continuing the Urban and Community Forestry Initiative in Illinois. IL DNR. Amount: \$123,300. 7/14 - 6/15.
- Holzmueller, E.J. 2014. Monitoring Illinois Forest Health and Protection. IL DNR. Amount: \$95,285. 10/13 - 9/14.
- Holzmueller, E.J. 2014. Illinois Forest Stewardship Planning. IL DNR. Amount: \$46,179. 1/14 - 12/16.
- Holzmueller, E.J. and J.W. Groninger. 2013. Urban and Community Forestry in Illinois. IL DNR. Amount: \$123,300. 7/13 - 6/14.
- Holzmueller, E.J. 2013. Illinois Forest Health and Protection. IL DNR. Amount: \$100,785. 10/12 - 9/13.
- Holzmueller, E.J. 2013. Evaluating invasive threats to forest health in hardwood forests. CSREES. Amount: \$80,000. 10/13 - 9/17.

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: 2

GRADUATE STUDENTS AND POST-DOCTORAL FELLOWS COMPLETED: 9

OTHER CREDENTIALS

- 85 presentations at professional meetings and invited/guest lectures
- 18 graduate committees served at SIU
- 19 undergraduate research assistants
- 7 post graduate reseachers
- 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

- FFA State Forestry Contest Coordinator