

John T. Lovseth

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EDUCATION

Southern Illinois University, Carbondale, IL. December 2018. GPA: 4.0.
Ph.D. Forestry. Research: Historical and disturbance ecology, forest management.

Colorado State University, Fort Collins, CO. May 2011. GPA: 4.0.
Master of Science: Forest Science. Research: Land use change, fire management, forestry.

Principia College, Elsah, IL. March 2005. GPA 3.45.
BA Environmental Studies: Natural Resource Management. Minor: English.

CERTIFICATIONS and PROFESSIONAL ASSOCIATIONS

Society of American Foresters since 2010.
Membership Number: 171038
Certified Forester

Deer Steward I since 2014.
Quality Deer Management Association

Colorado Fire Camp, Salida, CO. April 2009.
Type II Firefighter

COURSE WORK: S-130 Firefighter Training; S-190 Introduction to Wildland Fire Behavior; I-100 Introduction to ICS; L-180 Human Factors on the Fireline; and successfully completed the Pack Test.

ADDITIONAL CERTIFICATIONS (at Illinois Department of Natural Resources): S-290 Intermediate Wildland Fire Behavior; S-234 Ignitions; S-390 Advanced Fire Behavior Calculations.

Game of Logging, Elsah, IL. April 2013.
Level I: Directional Felling and Chainsaw Safety

PUBLICATIONS AND PRESENTATIONS

Lovseth, J. "Sustainable Forestry." Principia College Center for Sustainability presentation. April 29 and May 4, 2021. Elsah, Illinois.

Lovseth, J. "Variable Retention Harvesting in the Midwest." Illinois Society of American Forestry presentation. November 7, 2018. Giant City State Park, Illinois.

Flower, A. & Bookout, B. & Hagedorn, B. & Hankin, L. & Lovseth, J. & Smith, L. & Whelan, A. "Muscling into Meadows: A Preliminary Dendrochronological Analysis of Recent Conifer Encroachment in Mount Rainier's Subalpine Meadows." *Yearbook of the Association of Pacific Coast Geographers*, vol. 79, 2017, pp. 115-133. *Project MUSE*, [doi:10.1353/pcg.2017.0006](https://doi.org/10.1353/pcg.2017.0006)

Lovseth, J. Groninger, J. Ruffner, C., Bookout, B. Keller, K. Silcox, K. "Management and Ecological Dynamics of a Forest-prairie Gradient." Poster presentation. Society of American Foresters National Conference. 2017.

Lovseth, J. Dutton, M. GIS for Foresters: "Visualizing the Harvest." *Forestry Source*. 2012.

EMPLOYMENT HISTORY

Associate Professor and Director of Land Stewardship: Principia College, Biology and Natural Resources Department: June 2010 to present.

- Administrator for Forest Stewardship Council Certification in August 2012 (C109754).
- Maintained a GIS for the non-developed lands of the college campus (2,500 acres) including soil types, topographic feature, land cover, management activities, natural resource inventories, and unique landscape features.
- Designed and implemented the forest management plan. Instructed students on forest resource inventory and analysis of management options.
- Instructed courses in BNR Department including Forest Ecology (BNR 313) Fall 2012, 2014, 2017, 2019; Sugarbush Management (BNR264) Spring 2013-2023; Environmental Mapping and GIS (BNR/GEOL 301) Spring 2011 – 2015, 2017, 2019, 2021, 2023; Field and Natural History (BNR 164) Fall 2013, 2017, 2018, 2019, 2020; Forest Resource Management (BNR 391) Fall 2018, Introduction to Forestry (BNR 105) Fall 2021, 2022, 2023.
- Managed the College's land with stewardship ideals as they relate to: Inventories, prescribed burns, hill prairie restoration, forestry and timber harvests, invasive species management, agriculture, and CRP lands.
- Annually conducts ~100 acres of prescribed burns in forests and prairies
- Worked closely with contractors, facilities, and stakeholders to achieve desired conditions.
- Aided students with capstone research and supervised a student work crew and student workers in BNR.
- Published a GIS forest management paper with a student in *The Forestry Source*.
- Developed new curriculum and GIS labs specific to biology, geology and natural resource management.
- Supervised and administered the annual deer hunt with 20 hunters and outfitter hunts.
- Served on College Writing Advisory Committee, Scholastic Committee, College Budget Advisory Committee, and Master Planning Committee.

GIS Services and Forest Descriptions: Maps for Conservation: Winter 2011 to present.

- Created maps for a local land trust to enhance conservation efforts and prioritize projects.
- Provided mapping services for faculty and non-profit organizations.
- Created baseline documentation for forested lands management by a local land trust including maps of the parcel, resource descriptions, and photographing features.

Graduate Teaching Assistant: Colorado State University: Fall 2009 to Spring 2010.

- Aided students in achieving their academic goals in Quantitative Methods in Forest Management and Integrated Ecosystem Management.
- Taught GIS labs. Lead review sessions and graded papers.

Forester: Adventure Unlimited: Winter 2007 to Spring 2009.

- Designed and implemented a forest stewardship plan for the 1100 acre ranch. The plan included strategies for addressing fire mitigation, pine beetle and dwarf mistletoe management, forest health, and usability.
- Obtained burn permits from the fire department and burned over 400 slash piles during a 2.5 year period.
- Oversaw work crews, groups of volunteers, and an intern.
- Applied for and obtained fire mitigation grants worth \$45,000 from the state of Colorado.
- Additional duties included snow plowing and removal; basic vehicle maintenance; operation of skid steer, backhoe, ATVs, wood splitter, and tractors; landscaping and grounds; turf-grass sports field management; facilities maintenance; drinking water testing and system maintenance; surface water monitoring and management.
- Updated the facilities infrastructure maps into a GIS. Used GIS to analyze resource use.

Operations Manager: Principia College: Fall 2005 - Winter 2006; Post-Graduate Intern Spring 2005.

- Managed student workers to care for the BNR Department's aviary, greenhouse, live animal collection and a garage of equipment and vehicles.
- Land stewardship activities included prescribed prairie burns, ecological restoration, deer hunt, trail building, and forestry operations.
- Supported the faculty with sugar-bush management, field trips, and GIS.
- Illinois Boater Safety Certified.

Resident Forester: 100 Elk Outdoor Center: Fall 2006 –Spring 2009, part time.

- Presented lectures on forest management in Colorado.
- Facilitated service projects where school groups learned about Colorado's forest health issues and helped with forest stewardship activities.

LEADERSHIP

Board Member: Illinois Forestry Association, 2018 – present.

Board Member: The Nelson Foundation, 2018 – present.

Treasurer: American Society of Photogrammetry and Remote Sensing- a GIS and remote sensing club at CSU. 2010.

On-Campus Director: Principia College Public Affairs Conference, Board of Directors, 2005:

Part of a team that assembled a conference about 'globalization' for some 300 delegates.

All-Campus Ecology Head: Student Government, Student Activities Board, Principia College. 2004.

AWARDS AND ACHIEVEMENTS

- **1st Place in ESRI Forestry Users Group Conference Map Competition** 2011.
- **Mueller Environmental Award** "shown leadership to foster better stewardship." 2005.
- **Academic Unit Scholarship for Current Students** "recognition of academic achievements." 2005.
- **Baccalaureate Speaker** "the importance of community." 2005.
- **Jarvis Poetry Award** "work with the greatest originality, control, and literary promise." 2005.
- **Helen Dwight Reid International Fellowship** "contributing to a better international understanding." 2005.