

**Editor**  
W. Keith Moser, CF, moserk@safnet.org

**Managing Editor**  
Matthew Walls, wallsm@safnet.org

**Associate Editors**  
Stanley T. Asah, *recreation* • Keith A. Blatner, *education & communication* • Don Bragg, *forest ecology* • Stephen Bratkovich, *utilization & engineering* • Russell Briggs, CF, *soils & hydrology* • Dean Coble, *measurement* • Dean Current, *international forestry* • Robert Deal, *silviculture* • John Groninger, *silviculture* • Sean Healey, *geospatial technologies* • Shibu Jose, *forest ecology* • Michael Kilgore, *economics* • Mee-Sook Kim, *entomology & pathology* • Jeffrey Kline, *economics* • Karen Kuers, *silviculture* • David Kulhavy, *entomology & pathology* • James G. Lewis, *history* • Valerie Luzadis, *social sciences* • Michael G. Messina, *silviculture* • Cassandra Moseley, *policy* • Michael J. Mortimer, *policy* • David Nowak, *urban & community forestry* • Jay O'Laughlin, *policy* • Brian Oswald, *fire* • John G. Peden, *recreation* • Barry Rosen, *international forestry* • Kevin Russell, *wildlife management* • Terry Sharik, *education & communication* • John Shaw, *silviculture* • Susan Stewart, *social sciences* • Thomas A. Waldrop, *fire* • Pat Stephens Williams, *human dimensions* • Michael Wing, *geospatial technologies*

**Book Review Editor**  
James E. Coufal, wanakena@windstream.net

**Manuscript Manager**  
Linda Edelman, edelman@safnet.org

**Production Editor**  
Cynthia Owens, Cynthia.Owens@cenvco.com

**Publisher**  
Michael T. Goergen Jr., goergenm@safnet.org

**Advertising**  
Christopher Whited, whitedc@safnet.org

**Editorial Offices and Advertising Sales**  
5400 Grosvenor Lane, Bethesda, MD 20814-2198  
(301) 897-8720 • fax (301) 897-3690 • www.safnet.org

**Correspondence:** Address all letters to the editor to *Journal of Forestry* Editor or e-mail journal@safnet.org. Address correspondence relating to manuscripts to the Managing Editor. Address all advertising queries to the Advertising Manager.

**Permission to reprint:** Individuals, and nonprofit libraries acting for them, may make fair use of the material in this journal, for example, copying an article or portion of an article for use in teaching or research. Individuals may also quote from the publication if the customary acknowledgment of the source accompanies the quotation. To request permission to make multiple or systematic reproductions or republish material (including figures and article excerpts) contact the Copyright Clearance Center, Customer Service Department, 222 Rosewood Dr., Danvers, MA 01923; (978) 750-8400; fax (978) 750-4470; www.copyright.com. A fee for commercial use will be determined depending on use.

**Subscriptions:** Subscription options and prices are available at www.jofonline.org. Subscription price to members of the Society of American Foresters is included in annual dues.

**Single Issues:** \$12 (individuals), \$24 (institutions). Contact journal@safnet.org to determine availability.

The *Journal of Forestry* (ISSN 0022-1201) (IPM # 1115308) is published in January/February, March, April/May, June, July/August, September, October/November, and December by the Society of American Foresters, 5400 Grosvenor Lane, Bethesda, MD 20814-2198. ©2012 by the Society of American Foresters. Periodicals postage paid at Bethesda, MD, and at additional mailing offices. Printed in the USA.

**POSTMASTER:** Send address changes to *Journal of Forestry*, 5400 Grosvenor Lane, Bethesda, MD 20814-2198; journal@safnet.org.

# Journal of FORESTRY

03 MAI 2012

Revue Comtoise  
Bibliothèque

March 2012

Volume 110, Number 2

## ARTICLES

### economics

- 65** Effect of Suppression Strategies on Federal Wildland Fire Expenditures  
*K.M. Gebert and A.E. Black*

### fire

- 74** A Multisite Qualitative Comparison of Community Wildfire Risk Perceptions  
*J.S. Gordon, A. Luloff, and R.C. Sredman*

### policy

- 79** Impacts of Forest Stewardship Council (FSC) and Sustainable Forestry Initiative (SFI) Forest Certification in North America  
*S.E. Moore, F. Cabbage, and C. Eicheldinger*

### recreation

- 89** Does New Large Private Landownership and Their Management Priorities Influence Public Access in the Northern Forest?  
*J.J. Daigle, L. Utley, L.C. Chase, W. Kuentzel, and T.L. Brown*

### measurement

- 97** Comparison of Terrestrial and Airborne LiDAR in Describing Stand Structure of a Thinned Lodgepole Pine Forest  
*T. Hilker, N.C. Coops, G.J. Newnham, M. van Leeuwen, M.A. Wulder, J. Stewart, and D.S. Culvenor*

### forest ecology

- 105** Potential Overestimation of Carbon Sequestration in the Forested Wildland-Urban Interface in Northern New England  
*D. Zheng, L.S. Heath, and M.J. Ducey*



#### President

H. William Rockwell Jr., CF/FCA, St. Johns, MI, rockwell@mich.com

#### Vice-President

Joann Meyer Cox, CF/FCA, Raleigh, NC, joann.cox@ca.pwc.com

#### Immediate Past-President

Roger A. Dziangeleski, CF, Gansevoort, NY, rdziangeleski@finchpaper.com

#### Executive Vice-President and Chief Executive Officer

Michael T. Goergen Jr., Bethesda, MD, goergenm@safnet.org

#### Council

Robert L. Alverts, CF, Tigard, OR • Michael J. DeLasoux, Quincy, CA • George F. Frame, CF, Bristol, NH • Johnny A. Hodges, CF, Fort Collins, CO • Ernest A. Houghton, Gladstone, MI • David S. Lewis, CF, Monticello, FL • Ian A. Munn, CF, Mississippi State, MS • Kim C. Steiner, CF, Boalsburg, PA • Thomas J. Straka, CF/FCA, Pendleton, SC • John T. Walkowiak, CF, Tacoma, WA • William David Walters, CF, Murfreesboro, TN

#### Forest Science and Technology Board

Kurt W. Gottschalk, CF, chair • Andrew Sanchez Meador, forest resources • Brett J. Butler, nonindustrial forestry • Matthew McBroom, CF, forest ecology & biology • David Shaw, forest management & utilization • Sayeed R. Mehmood, CF, decision sciences • Rachel R. Billingham, CF, social & related sciences • Paul F. Daruska, CF, northern regional representative • Kenneth L. McNabb, southern regional representative • Guy Pinjuv, western regional representative

#### House of Society Delegates

Andrew J. Hayes, CF, chair • Donald L. Grebner, CF, vice-chair

#### National Office Department Directors

Michael T. Goergen Jr., executive vice-president & chief executive officer • Jorge Esguerra, senior director, finance & administration • Louise Murgia, CF, senior director, field services • Matthew Walls, senior director, publications • Christopher Whited, senior director, marketing & membership • Carol L. Redelsheimer, CF, director, science & education

#### SAF Mission

The Society of American Foresters (SAF) is the national scientific and educational organization representing the forestry profession in the United States. Founded in 1900 by Gifford Pinchot, it is the largest professional society for foresters in the world. The mission of the Society of American Foresters is to advance the science, education, technology, and practice of forestry; to enhance the competency of its members; to establish professional excellence; and, to use the knowledge, skills, and conservation ethic of the profession to ensure the continued health and use of forest ecosystems and the present and future availability of forest resources to benefit society. SAF is a nonprofit organization meeting the requirements of 501 (c) (3). SAF members include natural resource professionals in public and private settings, researchers, CEOs, administrators, educators, and students.

#### SAF Core Values

1. Forests are a fundamental source of global health and human welfare,
2. Forests must be sustained through simultaneously meeting environmental, economic, and community aspirations and needs,
3. Foresters are dedicated to sound forest management and conservation, and
4. Foresters serve landowners and society by providing sound knowledge and professional management skills.

## BOOKS

### 112 War in the Woods: Combating the Marijuana Cartels on America's Public Lands

Reviewed by C. Miller

## COMMENTARY

### 113 Where Did the US Forest Biomass/Carbon Go?

C.W. Woodall

## DEPARTMENTS

### 63 Research in Review

## Journal of FORESTRY

### Editorial Policy

The *Journal of Forestry* welcomes scientific and editorial manuscripts that advance the profession of forestry by presenting significant developments and ideas of general interest to natural resource and forestry professionals. Articles published in the *Journal* present, in a readable style, new and state-of-the-art knowledge, research, practices, ideas, and policies. Mini-reviews on topics of special interests are also published at the discretion of the editorial board. Manuscripts must not have been published previously and must not be under consideration for publication elsewhere. Acceptance for publication is based on both editorial criteria and peer review. Manuscripts are evaluated for methodology, technical accuracy, breadth of appeal, clarity, contribution, and merit. The *Journal* reserves the right to publish countering or supplemental articles to promote discussion.

### Submission Guidelines

**Letters to the Editor**—Letters should directly address ideas or facts presented in the *Journal*. Priority is given to letters no longer than 250 words that refer to material published within the past six months. Letters may be faxed to (301) 897-3690, attention Editor, e-mailed to [journal@safnet.org](mailto:journal@safnet.org), or mailed to Editor, *Journal of Forestry*, 5400 Grosvenor Lane, Bethesda, MD 20814-2198.

**Exploring the Roots**—These short introductions revisit seminal articles previously published by SAF and discuss topics of historical import to the field of forestry, as well as explore the historical basis for issues currently affecting forestry. Maximum length is 1,000 words. Proposals for Exploring the Roots columns may be e-mailed to [journal@safnet.org](mailto:journal@safnet.org), faxed to (301) 897-3690, attention Editor, or mailed to Editor, *Journal of Forestry*, 5400 Grosvenor Lane, Bethesda, MD 20814-2198.

**Perspectives**—These short opinion pieces are not formally reviewed but are evaluated for content and style by the editors and/or editorial board. Maximum length is 1,000 words. The contributor of a "Perspective" must be a member of the Society of American Foresters. Submit the manuscript, complete contact information, and a head-and-shoulders photograph online at [www.rapidreview.com/SAF/author.html](http://www.rapidreview.com/SAF/author.html).

**Full-Length Articles**—Maximum length is 4,500 words, plus a 150-word abstract. Footnotes should be incorporated into the text wherever possible or be presented as endnotes. Full guidelines can be found online at [www.jofonline.org](http://www.jofonline.org). Submit your manuscript online at [www.rapidreview.com/SAF/author.html](http://www.rapidreview.com/SAF/author.html). Because the review process is double-blind, please ensure that authors are not identified anywhere in the manuscript (including running heads and feet).

**Review Articles**—Maximum length is 6,000 words, plus a 150-word abstract. Footnotes should be incorporated into the text wherever possible or be presented as endnotes. There is no limit to the number of literature citations in a review article. Full guidelines can be found online at [www.jofonline.org](http://www.jofonline.org). Submit your manuscript online at [www.rapidreview.com/SAF/author.html](http://www.rapidreview.com/SAF/author.html). Because the review process is double-blind, please ensure that authors are not identified anywhere in the manuscript (including running heads and feet).



SUSTAINABLE  
FORESTRY  
INITIATIVE

Certified Sourcing

[www.sfiprogram.org](http://www.sfiprogram.org)

SFI-00484