

# Fire Ecology Journal

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Fire Effects on Nitrogen Cycling in Native and Restored Calcareous Wetlands. Authors: Xiaolin Liao, Patrick W. Inglett, and Kanika S. Inglett

Impacts of Fire on Microbial Carbon Cycling in Subtropical Wetlands. Authors: Cassandra A. Medvedeff, Kanika S. Inglett, Leda N. Kobziar, and Patrick W. Inglett

Tree Island Response to Fire and Flooding in the Short-Hydroperiod Marl Prairie Grasslands of the Florida Everglades, USA. Authors: Pablo L. Ruiz, Jay P. Sah, Michael S. Ross, and Adam A. Spitzig

Multi-Year Salutary Effects of Windstorm and Fire on River Cane. Authors: Paul R. Gagnon, Heather A. Passmore, and William J. Platt

Dynamics of Mangrove-Marsh Ecotones in Subtropical Coastal Wetlands: Fire, Sea-Level Rise, and Water Levels. Authors: Thomas J. Smith III, Ann M. Foster, Ginger Tiling-Range, and John W. Jones

Foraging Wading Bird (Ciconiiformes) Attraction to Prescribed Burns in an Oligotrophic Wetland. Authors: Louise S. Venne and Peter C. Frederick

Evaluating Methods to Restore Amphibian Habitat in Fire-Suppressed Pine Flatwoods Wetlands. Authors: Thomas A. Gorman, Carola A. Haas, and John G. Himes

Successional and Transitional Models of Natural South Florida, USA, Plant Communities. Authors: Michael J. Duever and Richard E. Roberts

Smoldering Combustion and Ground Fires: Ecological Effects and Multi-Scale Significance. Authors: Adam C. Watts and Leda N. Kobziar

Wetland Fire Scar Monitoring and Analysis Using Archival Landsat Data for the Everglades. Authors: John W. Jones, Annette E. Hall, Ann M. Foster, and Thomas J. Smith III

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## Issue 2 (5 August 2013)

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### CLASSIC ARTICLE

The Disappearance of the Tropical Forests of Africa, with an Introduction by Mark A. Cochrane.  
Author: Andre Marie Aubreville

### FORUM: ISSUES, MANAGEMENT, POLICY, AND OPINIONS

Opportunities for Improved Fire Use and Management in California: Lessons from Western Australia.  
Authors: Rick J. Sneeuwjagt, Tim S. Kline, and Scott L. Stephens

### RESEARCH ARTICLES

Creating Hotter Fires in the Sonoran Desert: Buffelgrass Produces Copious Fuels and High Fire Temperatures. Authors: Christopher J. McDonald and Guy R. McPherson

The Influence of Fire on the Radiocarbon Signature and Character of Soil Organic Matter in the Siskiyou National Forest, Oregon, USA. Authors: Katherine Heckman, John L. Campbell, Heath Powers, Beverly E. Law, and Chris Swanston

Potential Effects of Disturbance Types and Environmental Variability on Sagebrush-Steppe Community Dynamics. Authors: Louisa B. Evers, Richard F. Miller, and Paul S. Doescher

The Landfire Refresh Strategy: Updating the National Dataset. Authors: Kurtis J. Nelson, Joel Connot, Birgit Peterson, and Charley Martin

Contrasting Fire Regimes in a Seasonally Dry Tropical Forest and a Savanna Ecosystem in the Western Ghats, India. Author: Narendran Kodandapani

#### **BOOK REVIEW**

Ignition Stories: Indigenous Fire Ecology in the Indo-Australian Monsoon Zone. Author: Don L. Hankins

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### **Volume 9**

### **Issue 3 (24 November 2013)**

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#### **CLASSIC ARTICLE**

Is The Longleaf Type a Climax? with an Introduction by Brian P. Oswald. Author: H.H. Chapman

#### **FORUM: ISSUES, MANAGEMENT, POLICY, AND OPINIONS**

Human Fires and Wildfires on Sydney Sandstones: History Informs Management. Authors: Vic Jurskis and Roger Underwood

#### **SHORT COMMUNICATION**

Lepidoptera Pest Species Response to Mid-Summer Fire. Authors: T.R. Evans, C.J.M. Musters, E.D. Cashatt, and G.R. de Snoo

#### **RESEARCH ARTICLES**

Foliar Consumption Across a Sudden Oak Death Chronosequence in Laboratory Fires. Authors: Howard Kuljian and J. Morgan Varner III

Unauthorized Firesetting as Socioecological Disturbance: A Spatiotemporal Analysis of Incendiary Wildfires in Georgia, USA, 1987-2010. Author: Michael R. Coughlan

Short-Term Effects of Repeated Wildfires in Oak-Juniper Woodlands. Authors: Charlotte M. Reemts and Laura L. Hansen

Seasonal Variation in Flammability Characteristics of *Quercus marilandica* and *Quercus stellata* Leaf Litter Burned in the Laboratory. Authors: John R. Weir and Ryan F. Limb

Fire Effects on Basal Area, Tiller Production, and Mortality of the C<sub>4</sub> Bunchgrass, Purple Threeawn. Authors: Dustin J. Strong, Amy C. Ganguli, and Lance T. Vermeire

#### **BOOK REVIEW**

Prescribed Burning in Fire-Prone Landscapes. Authors: C. Alina Cansler and Andrew J. Larson

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### **Volume 10**

### **Issue 1 (17 April 2014)**

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#### **CLASSIC ARTICLE**

Fire as an Ecological and Silvicultural Factor, with an Introduction by Jan W. van Wagtenonk. Author: Harold Weaver

#### **RESEARCH ARTICLES**

Northern Rockies Pyrogeography: An Example of Fire Atlas Utility. Authors: Penelope Morgan, Emily K. Heyerdahl, Carol Miller, Aaron M. Wilson, and Carly E. Gibson

Post-Fire Seeding in Western United States Forests: Perspectives of Resource Managers. Authors: Donna L. Peppin, Anne L. Mottek-Lucas, and Peter Z. Fulé

Survival and Recovery Following Wildfire in the Southern Range of the Coast Redwood Forest. Authors: Rachel Lazzeri-Aerts and Will Russell

Intercomparison of Fire Size, Fuel Loading, Fuel Consumption, and Smoke Emissions Estimates on the 2006 Tripod Fire, Washington, USA. Authors: Stacy A. Drury, Narasimhan (Sim) Larkin, Tara T. Strand, ShihMing Huang, Scott J. Strenfel, Theresa E. O'Brien, and Sean M. Raffuse

### **BOOK REVIEWS**

Vegetation Fires and Global Change. Author: David L. Peterson

Fire in Mediterranean Ecosystems: Ecology, Evolution and Management. Author: David L. Peterson

Fire on Earth: An Introduction. Author: Leda N. Kobziar

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## **Issue 2 (1 August 2014)**

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### **CLASSIC ARTICLE**

Barriers to Understanding the Influence of Use of Fire by Aborigines on Vegetation, with an Introduction by M. Kat Anderson. Author: Omer C. Stewart

### **RESEARCH ARTICLES**

Modeling Wildfire Spread in Mountain Pine Beetle-Affected Forest Stands, British Columbia, Canada. Authors: Daniel D.B. Perrakis, Rick A. Lanoville, Stephen W. Taylor, and Dana Hicks

Characteristics of Burns Conducted under Modified Prescriptions to Mitigate Limited Fuels in a Semi-Arid Grassland. Authors: David J. Augustine, Justin D. Derner, and David P. Smith

Changes in Severity Distribution after Subsequent Fires on the North Rim of Grand Canyon National Park, Arizona, USA. Authors: Valentijn Hoff, Casey C. Teske, James P. Riddering, LLOYD P. Queen, Eric G. Gdula, and Windy A. Bunn

Modeling Climate-Fire Connections within the Great Basin and Upper Colorado River Basin, Western United States. Authors: James D. Arnold, Simon C. Brewer, and Philip E. Dennison

A Comparison of Rangeland Monitoring Techniques for Modeling Herbaceous Fuels and Forage in Central Arizona, USA. Authors: Edward C. Rhodes, Doug R. Tolleson, Jay P. Angerer, John A. Kava, Judith Dyess, and Tessa Nicolet

### **FORUM: ISSUES, MANAGEMENT, POLICY, AND OPINIONS**

Student Wildland Fire Groups: Common Challenges and Shared Solutions. Authors: Daniel S. Godwin and Jena Ferrarese

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## **Volume 10**

## **Issue 3 (December 2014)**

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### **CLASSIC ARTICLE**

The Ecological Role of Fire in Natural Conifer Forests of Western and Northern North America - Introduction, with an Introduction by Martin E. Alexander. Authors: Herbert E. Wright, Jr and Miron L. Heinselman

### **RESEARCH ARTICLES**

Quaking Aspen Regeneration Following Prescribed Fire in Lassen Volcanic National Park, California, USA. Authors: Ellis Q. Margolis and Calvin A. Farris

Vegetation Recovery and Fuel Reduction after Seasonal Burning of Western Juniper. Authors: Jonathan D. Bates, Rory O'Connor, and Kirk W. Davies

Vegetation Response after Post-Fire Mulching and Native Grass Seeding. Authors: Penelope Morgan, Marshall Moy, Christine A. Droske, Leigh B. Lentile, Sarah A. Lewis, Peter R. Robichaud, and Andrew T. Hudak

Minimal Persistence of Native Bunchgrasses Seven Years after Seeding following Mastication and Prescribed Fire in Southwestern Oregon, USA. Authors: Laura M. Busby and Darlene Southworth

Historical Pyrogeography of Texas, USA. Authors: Michael C. Stambaugh, Jeffrey C. Sparks, and E.R. Abadir

### **FORUM: ISSUES, MANAGEMENT, POLICY, AND OPINIONS**

Making a World of Difference in Fire and Climate Change. Author: Mary R. Huffman

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### **CLASSIC ARTICLE**

The Characterization of Fires in Relation to Ecological Studies, with an Introduction by Neil Burrows. Authors: A.G. McArthur and N.P. Cheney

### **RESEARCH ARTICLES**

Ecological Implications of Fine-Scale Fire Patchiness and Severity in Tropical Savannas of Northern Australia  
Authors: Sofia L.J. Oliveira, Manuel L. Campagnolo, Owen F. Price, Andrew C. Edwards, Jeremy Russell-Smith, and José M.C. Pereira

Fire Emissions and Carbon Uptake in Severely Burned Lenga Beech (*Nothofagus pumilio*) Forests of Patagonia, Argentina  
Authors: Maria Lila Bertolin, Maria Florencia Urretavizcaya, and Guillermo Emilio Defossé

Fire Regime, Climate, and Vegetation in the Sierras de Córdoba, Argentina  
Authors: Juan P. Argañaraz, Gregorio Gavier Pizarro, Marcelo Zak, and Laura M. Bellis

Relative Bark Thickness is Correlated with Tree Species Distributions along a Fire Frequency Gradient  
Authors: Jennifer L. Schafer, Bradley P. Breslow, Matthew G. Hohmann, and William A. Hoffmann



Assessment of Experiential Education in Prescribed Burning for Current and Future Natural Resource Managers

Authors: John D. Scasta, John R. Weir, and David M. Engle

Predicting Burned Areas of Forest Fires: an Artificial Intelligence Approach

Authors: Mauro Castelli, Leonardo Vanneschi, and Aleš Popovič

The Effects of Ash and Black Carbon (Biochar) on Germination of Different Tree Species

Authors: Otilia Reyes, Joeri Kaal, Diego Arán, Raquel Gago, Javier Bernal, Juan García-Duro, and Margarita Basanta