

EDITORIAL AND PUBLICATION POLICY

Wood and Fiber Science as the official publication of the Society of Wood Science and Technology publishes papers with both professional and technical content. Original papers of professional concern, or based on research of international interest dealing with the science, processing, and manufacture of wood and composite products of wood or wood fiber origin will be considered.

All manuscripts are to be written in US English, the text should be proofread by a native speaker of English prior to submission. Any manuscript submitted must be unpublished work not being offered for publication elsewhere.

Papers will be reviewed by referees selected by the editor and will be published in approximately the order in

which the final version is received. Research papers will be judged on the basis of their contribution of original data, rigor of analysis, and interpretations of results; in the case of reviews, on their relevancy and completeness.

As of January 1, 2022, *Wood and Fiber Science* will be an online only, Open Access journal. There will be no print copies. Color photos/graphics will be offered at no additional cost to authors. The Open Access fee will be \$1800/article for SWST members and \$2000/article for nonmembers. The previous five years of articles are still copyright protected (accept those that are identified as Open Access) and can be accessed through member subscriptions. Once a previous article has reached its 5th anniversary date since publication, it becomes Open Access.

Technical Notes

Authors are invited to submit Technical Notes to the Journal. A Technical Note is a concise description of a new research finding, development, procedure, or device. The length should be **no more than two printed pages** in WFS, which would be five pages or less of double-spaced text (TNR12) with normal margins on 8.5 x 11 paper, including space for figures and tables. In order to meet the limitation on space, figures and tables should be minimized, as should be the introduction, literature review and references. The Journal will attempt to expedite the review and publication process. As with research papers, Technical Notes must be original and go through a similar double-blind, peer review process.

On-line Access to *Wood and Fiber Science* Back Issues

SWST is providing readers with a means of searching all articles in *Wood and Fiber Science* from 1968 to present. Articles from 1968 to 2017 are available to anyone, but in order to see 2017 to 2021 articles you must have an SWST membership or subscription. SWST members and subscribers have full search capability and can download PDF versions of the papers. If you do not have a membership or subscription, you will not be able to view the full-text pdf.

Visit the SWST website at <http://www.swst.org> and go to [Wood & Fiber Science Online](#). Click on either [SWST Member Publication access](#) (SWST members) or [Subscriber Publication access](#) (Institution Access). All must login with their email and password on the HYPERLINK "<http://www.swst.org>" www.swst.org site, or use their ip authentication if they have a site license.

As an added benefit to our current subscribers, you can now access the electronic version of every printed article along with exciting enhancements that include:

- IP authentication for institutions (only with site license)
- Enhanced search capabilities
- Email alerting of new issues
- Custom links to your favorite titles

WOOD AND FIBER SCIENCE

JOURNAL OF THE SOCIETY OF WOOD SCIENCE AND TECHNOLOGY

VOLUME 55

DECEMBER 2023

NUMBER 3

CONTENTS

Editor's Note

JEFF MORRELL 210

Articles

- R. MOYA, J. GAITÁN-ALVAREZ, A. BERROCAL, AND K. J. MERAZZO. Magnetic and physical-mechanical properties of wood particleboards composite fabricated with Fe_3O_4 nanoparticles and three plantation woods 211
- CARLOS ROZAS, MARCIA VÁSQUEZ, PATRICIA VEGA, ARIJIT SINHA, AND CLAUDIO MONTERO. Investigating storage time to minimize end-splitting in *Eucalyptus nitens* logs 228
- J. L. L. ABREU, M. G. SILVA, G. C. FERREIRA, T. S. F. A. FRANÇA, A. R. C. REIS, AND V. M. S. PAMPLONA. Wood properties of four tropical species from mining areas in Amazon, Brazil, part 1: Anatomical characterization 242
- J. L. L. ABREU, M. G. SILVA, G. C. FERREIRA, T. S. F. A. FRANÇA, V. M. S. PAMPLONA, S. L. GOULART, AND T. P. PROTASIO. Wood properties of four tropical species from mining areas in Amazon, Brazil. Part 2: Density, extractives, and color 267
- SINA JAHEDI, LECH MUSZYNSKI, MARIAPAOLA RIGGIO, AND SUJIT BHANDARI. Bending characteristics of custom clt layups laminated with ponderosa pine harvested from restoration programs 282
- KEITA OGAWA AND KENJI KOBAYASHI. Equational expression of nonlinear load-deformation relationships of dowelled joints with slotted-in steel plates at various lateral loading angles against the grain direction 295
- DR. BETH STOKES. In Memorium—DR. H. MICHAEL “MIKE” BARNES 305



Volume 55, Number 3

WOOD AND FIBER SCIENCE

December 2023