## CONTENTS

## REVIEWED ARTICLES

- 268 Aboveground Decay Resistance of Selected Canadian Softwoods at Four Test Sites after 10 Years of Exposure by Paul Ian Morris, Peter Laks, Glenn Larkin, Janet K. Ingram, and Rod Stirling
- **274 Protocol for Heat Treating Black Walnut Wood Infested with Walnut Twig Beetle** by Kurt Mackes, Tara Costanzo, Rocky Coleman, Mike Eckhoff, and Damon Vaughan
- 280 Dual Protection of Wood Surface Treated with Melamine-Modified Urea-Formaldehyde Resin Mixed with Ammonium Polyphosphate against Both Fire and Decay by Xing-xia Ma, Grant T. Kirker, Ming-liang Jiang, and Yu-zhang Wu
- **284** An Alternative Preservative Treatment Procedure for Marine- and Shuttering-Grade Plywood in India by Aparna Kalawate
- **290** Characterization of the Combustion Parameters of Impregnated and Varnished Cedar Wood (*Cedrus libani*) by M. Said Fidan, Ş. Şadiye Yaşar, Mehmet Yaşar, Musa Atar, and Elif Alkan
- **Thermal Conductivity and Volumetric Specific Heat of Low-Density Wooden Mats** by Takashi Nakaya, Mariko Yamasaki, Satoshi Fukuta, and Yasutoshi Sasaki
- **308 Heat Transfer Characteristics during Superheated Steam Vacuum Drying of Poplar** by Zhengbin He, Shu Qiu, Yu Zhang, Zijian Zhao, and Songlin Yi
- 313 Characterization of Merbau Wood Extract Used as an Adhesive in Glued Laminated Lumber by Adi Santoso, Yusuf Sudo Hadi, Antonio Pizzi, and Marie-Christine Lagel
- **319** Variations in Fiber Morphology and Chemical Components of *Dendrocalamus giganteus* by Shuguang Wang, Shuyan Lin, Weicheng Li, and Yulong Ding
- 326 On-Site Energy Consumption and Selected Emissions at Softwood Sawmills in the Southwestern United States by Dan Loeffler, Nathaniel Anderson, Todd A. Morgan, and Colin B. Sorenson
- 338 Treatment of Bio-Oil Refinery Storm Water by a Simulated Constructed Wetland: A Sustainable Management Alternative by Katherine Kraszewska, Hamid Borazjani, Brian Baldwin, R. Daniel Seale, and Dragica Jeremic
- **343** Forest Products Industry in a Digital Age: Factors Affecting Social Media Adoption by Kathryn Gazal, Iris Montague, Rajendra Poudel, and Jan Wiedenbeck
- **Economic Feasibility of Utilizing Precommercially Thinned Southern Pine as a Woody Biomass Energy Source** by Nathan C. Hanzelka, Jay Sullivan, M. Chad Bolding, and Scott M. Barrett
- **362 Communicating Forest Sector Sustainability: Results from Four European Countries** by Elina Korhonen, Anne Toppinen, Katja Lähtinen, Lea Ranacher, Andrea Werner, Tobias Stern, and Andreja Kutnar
- 371 Forest Management on Mechanical Properties of Oriented Strand Board by Gi Young Jeong