



LONG-TERM PRESERVATION AND PROTECTION OF ENGINEERED AND SOLID WOOD PRODUCTS

A McIntire-Stennis Supported Project

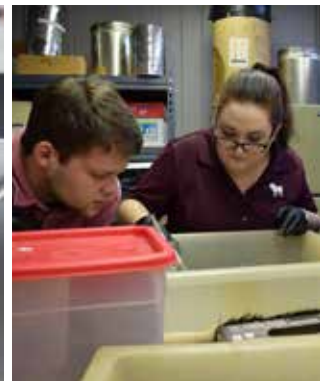
The production of southern yellow pine timber products for the construction, utilities, railroad, and furniture industries has long been a key component of Mississippi's commodity production. Use of the most current and efficient wood preservatives keeps the businesses within the state competitive with producers across the country. Research into the development of more advanced protection systems broadens the marketplace for Mississippi timber products while increasing the lifespan of wood products in service.

This project focuses on engineering mass timber products, including cross-laminated timber, while maintaining research lines investigating the long-term use of treated lumber, railroad ties, utility poles, decking products, and farming materials. Wood products producers throughout Mississippi and across the Southeast, benefit from investigative research, supporting their products to increase durability and lifespan for the average consumer.



COLLABORATION

This project is in collaboration with the American Wood Protection Association (AWPA), the Mississippi Lumber Manufacturers Association (MLMA) and the Railway Tie Association (RTA).



IMPACTS



Engineered wood products, with proper long-term protection, excel in carbon-storage capabilities far beyond equivalent concrete and steel products.



Forest products and timber harvesting contributed over \$13.12 billion in revenue output in Mississippi, nearly 5% of the total output in the state.



Maintain a high design value product line that competes nationally and internationally with other wood-based products.

ABOUT MCINTIRE-STENNIS

The McIntire-Stennis program, a unique federal-state partnership, cultivates and delivers forestry and natural resource innovations for a better future. By advancing research and education that increases the understanding of emerging challenges and fosters the development of relevant solutions, the McIntire-Stennis program has ensured healthy resilient forests and communities and an exceptional natural resources workforce since 1962.

