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Did You Know Series

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AI Revolutionizes forest management

The integration of AI in forest management and subsequent supply chains offers a gamut of opportunities for optimization, resilience, and innovation. It enhances traditional practices like tree marking by adding layers of efficiency and sustainability, creating a comprehensive system, that benefits both the industry and the natural environment. Bridging the gap between the potential of AI-enhanced forest management and the next phase of human–machine collaboration, it's clear that the journey from traditional practices to advanced, sustainable forestry requires a nuanced approach.

Source: A. Holzinger et al., 'From Industry 5.0 to Forestry 5.0: Bridging the gap with Human-Centered Artificial Intelligence', *Current Forestry Reports*, pp. 1–14, Sep. 2024, doi: 10.1007/s40725-024-00231-7

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