

Special Issue

Keeping Up with the Latest Research in Wood Preservation, Diagnostics and Reuse

Message from the Guest Editors

Wood is a natural, renewable material composed mainly of cellulose, hemicellulose, and lignin. It was one of the first materials used for shelter, tools, and weapons in the time of the earliest hominids. Today, the challenge is the extension of the life cycle of wood products and the regeneration of wood waste in recycling processes. This is coupled with the need to conserve wood in heritage structures or refurbish timber within buildings of cultural significance. This Special Issue will provide an overview of recent advances in non-invasive and non-destructive diagnostic techniques for wood; innovative and biocompatible procedures that use wood by-products for the restoration of archaeological/historical wood; new green materials for wood preservation or conservation, especially considering treatments that recycle/reuse wood waste and plant biomass; and the production of valuable wood derivatives both for cultural heritage applications and other fields.

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Forests (ISSN 1999-4907) is an international and cross-disciplinary, scholarly forestry journal. The distinguished editorial board and refereeing process ensures the highest degree of scientific rigor and review of all published articles. Original research articles and timely reviews are released online, with unlimited free access. Our goal is to have *Forests* be recognized as one of the foremost publication outlets for high quality, leading edge research in this broad and diverse field. We therefore invite you to be one of our authors, and in doing so share your important research findings with the global forestry community.

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