

Preface

Forest biomass has been an important source of raw material for centuries. With the global focus on climate change and preservation of nonrenewable resources forest biomass has become an even more important resource. The world's political and economical decisions are increasingly determined by climate change and resource and energy scarcity. The forest-based industries have responded to this by developing advanced processes, materials, and wood-based solutions to meet evolving demands and increase competitiveness against non-forest bioproducts. This book provides a comprehensive description of traditional and innovative forest-based bioproducts. The descriptions of different types of forest-based bioproducts are followed with their environmental impacts from processing, use, and their end-of-life phase. Furthermore, the possibility of reusing, recycling, and upgrading bioproducts at the end of their life cycle is discussed. The book concludes with a discussion about the key issues and challenges for business development of forest-based bioproducts and about the business model innovation in the forest sector.

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Environmental Impacts of Traditional and Innovative
Forest-based Bioproducts

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2016, VII, 248 p. 51 illus. in color., Hardcover

ISBN: 978-981-10-0653-1