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Longtemps restés confidentiels, les domaines de l'histoire du droit et de la justice coloniale connaissent aujourd'hui une activité importante. Celle-ci est portée par l'effet conjoint de l'attention nouvelle qu'y portent les historiens du droit, du renouvellement des études africaines et coloniales francophones et de la visibilité récente que leur a apporté le cinquantenaire des indépendances africaines. Les historiens africanistes et les historiens du droit s'interrogent de concert sur les modes de production et de transformation du droit colonial et de la justice coloniale. Ces réalités les renvoient à la plasticité du droit, de l'administration comme des pratiques judiciaires dans le cadre de la rencontre coloniale où des intérêts gouvernementaux font face à des contraintes culturelles et territoriales locales inédites (coutumes, populations locales en résistance, difficile maîtrise du territoire, etc.). Les huit contributions de cet ouvrage interrogent les modes de production et d'évolution du droit et de la justice. Dans quelle mesure crée-t-on du neuf ? Recycle-t-on, adapte-t-on l'ancien, les héritages de métropole ? Par ailleurs, on peut observer le processus de création à l'œuvre, et s'interroger sur les contextes propices aux transformations juridiques et judiciaires, ainsi que sur les modes de création en eux-mêmes ; dans quelle mesure le fait colonial est-il un facteur d'innovation juridique, administrative et judiciaire ? Ces questions seront abordées dans une perspective attentive à la multiplicité des expériences et des modes de colonisation.

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Nota di contenuto	Intro -- Preface -- Acknowledgements -- Contents -- Chapter 1: Sustainable Development of Recent High-Rise Timber Buildings -- 1.1 Introduction -- 1.2 Recent High-Rise Timber Buildings -- 1.3 GHGs -- 1.4 Assessment Criteria -- 1.5 Construction Cost -- 1.6 Fire Safety -- 1.7 Building Height -- 1.8 Conclusions -- References -- Chapter 2: Ultralight Membrane Structures Toward a Sustainable Environment -- 2.1 Introduction -- 2.2 Engineering Design of Ultralightweight Membrane Structures -- 2.2.1 Structural and Material Efficiency Through Tensile State -- 2.2.2 Boundary-Tensioned Membrane Structures -- 2.2.3 Pneumatic Membrane Structures -- 2.2.4 Structural Design Optimization Challenges and Opportunities -- 2.3 Membrane Materials -- 2.3.1 Fabrics and Foils -- 2.3.2 Thermomechanical Response of Structural Membranes -- 2.3.3 Constitutive Modeling Challenges and Opportunities -- 2.4 Sustainability of Membrane Structures -- 2.4.1 Embodied Energy and Material Consumption --

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Sommario/riassunto

This open access book includes detail on various structures, buildings, and building materials from different structural and sustainability perspectives. It describes how the building and construction industry is vital for the achievement of the sustainable development goals. The aim of this collection is to foster the design and construction of sustainable structures, buildings, and building materials to reduce their environmental impact and connect with the environment. Presenting the knowledge, trends, and developments from a group of contributors in the field working with different kinds of structures, structural

components, buildings, and building materials, the book is ideal for practitioners working in commercial settings, as well as engineering students and researchers concerned with sustainability issues. Explains sustainability in the context of structures, buildings, and building materials Demonstrates performance of structures, buildings, and building materials Illustrates trends towards Sustainable Development Goals This book is open access, which means that you have free and unlimited access.
