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Nota di contenuto	Chapter 1: Challenges and opportunities of localizing community participation in megaproject-induced internal displacement: an Australian case study -- Chapter 2: High strength phase change material-incorporated recycled concrete for building applications -- Chapter 3: Adaptability and Implementation of Climate-Resilient Retrofit Toolkits for Older People -- Chapter 4: Investigating the impact of utilising modern methods of construction on the sustainability of affordable housing in Ghana -- Chapter 5: Evaluating the Impact of Modern Methods of Construction on the Life Cycle Cost of Affordable Housing Projects -- Chapter 6: Potential of Blockchain for connecting stakeholders for Circular Economy in Construction -- Chapter 7: Enhancing Flood Resilience through Effective Land-use Planning

Policies in New Zealand -- Chapter 8: Investigation of Insulation Properties Impact on the Thermal Load of Residential Buildings -- Chapter 9: Construction Sector Shocks & Stresses: An Introductory Scoping Review -- Chapter 10: Advances in applications of machine learning in life cycle assessment of buildings -- etc.

Sommario/riassunto

This three-volume book is the proceeding of the 46th Australasian Universities Building Education Association (AUBEA) 2023 Conference which brings together papers on construction and built environment education and practice. This particular conference theme, "Creating Capacity and Capability: Embracing Technologies and Innovations for Sustainable Future in Building Education and Practice" is closely related to a flagship national research programme funded by the Government of New Zealand, known as the CanConstructNZ research programme, aiming to balance the capacity and capability in the construction industry and the national pipeline of construction projects. The capacity and capability of our construction industry in fulfilling the construction needs of the whole nation are reflected in the national pipeline of construction projects and have long been recognised as one of the main challenges facing the construction sector. The practices and education of building and construction play an important role in determining the capacity and capability of the construction industry. Within the context of achieving sustainable future and embracing advanced technologies to create capacity and capability in the construction sector, various concepts, research, and innovative development have emerged and taken place. This particular conference theme has facilitated more in-depth discourses and discussions on the latest ideas and innovation within the building and construction education and practice, not only from the Australasian region but also from the wider international community, including the USA, the UK, Brazil, South Africa, Nigeria, China, and Sri Lanka. The contents of this book will be of interest to academic researchers, industry professionals and policy makers alike.
