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Nota di contenuto	Part 1: Resilience at Architecture Scale: Chapter 1. Developing a Nordic Architectural Sustainability Index incorporating Inuit perceptions, vernacular and biomimetic architecture principles -- Chapter 2. Exaptive Design: A Revolutionary Approach to Resilient Architecture in Times of Crises -- Chapter 3. Parka Wrap: Retrofitting Insulation onto the Existing Walls of Occupied Homes -- Chapter 4. Resilient Design with Upcycled Timber within Architectural Design-Build studio -- Chapter 5. Systematising Architectural Precedent Analysis to Enhance the incorporation of Sustainable Practices in Design Studio 3 Outcomes - a high-density mixed-use development in Auckland, Semester 1, 2022 -- Part 2: Resilience at a Community Scale: Chapter 6. Social Resilience of Work from Home Environment post-COVID-19: Case of Telecommuting -- Chapter 7. "Urban Acupuncture Theory for Covid-19 Effects on Public Spaces: A Literature Review" -- Chapter 8. Enhancing

the Urban Community Resilience Through Street Retrofitting Interventions: a Case Study by Architecture Students and Academics in Auckland, New Zealand -- Chapter 9.Chronology of a Global Agenda: The Construction of the Concept of Sustainable Development and the Definition of its Dimensions -- Chapter 10.Transdisciplinary Digital Heritage Research Centre Development: Applied Research towards a More Resilient Environment -- Part 3: Resilience at City Scale: Chapter 11.Smart Solar Urban Furniture: a Co-Ideation and Design Process to Help Enhancen The Urban Resilience of Auckland, New Zealand -- Chapter 12.Designing sustainable resilient medium density housing well. A discussion of the design implication of the Auckland Unitary Plan and the Resource Management (Enabling Housing Supply and Other Matters) Amendment Act -- Chapter 13.Urban Resilience and Crime: The Case of "El Cartucho", Bogota -- Chapter 14.Feasibility of Using Green Roofs and Cool Roofs for Extreme Heat Mitigation in Melbourne, Australia -- Chapter 15.A Case Study for Ahmedabad city, India using Envi_met Model to Evaluate the Urban Climate & Thermal Sensation in a High-density Urban Environment -- etc...

Sommario/riassunto

Explore the forefront of urban resilience and sustainability with this groundbreaking collection of research and insights. From the 5th edition of the Resilient and Responsible Architecture and Urbanism (RRAU) conference, this book brings together diverse perspectives and innovative solutions for building resilient and sustainable cities of the future. Featuring contributions from leading scholars, practitioners, and policymakers, this book delves into the multifaceted dimensions of urban resilience at the city, community, and architectural scales. Discover case studies and research on smart urban furniture, medium-density urban planning, crime and urban resilience, green and cool roofs for extreme heat mitigation, and more. Dive into discussions on enhancing social resilience post-COVID-19, urban acupuncture theory for pandemic effects on public spaces, and street retrofitting interventions to boost community resilience. Explore resilient infrastructures, sustainable architectural design principles, and innovative approaches to construction waste management for a more sustainable future. This book serves as an invaluable resource for architects, urban planners, policymakers, researchers, and students interested in shaping the future of our cities. Whether you're seeking practical solutions or theoretical insights, "Integrating Resiliency into Future Sustainable Cities" offers a comprehensive overview of the latest advancements in resilient and sustainable urban development.
