

1. Record Nr.	UNINA9910557356003321
Autore	Emmanuel Rohinton
Titolo	Urban Heat Island Mitigation Technologies
Pubbl/distr/stampa	Basel, Switzerland, : MDPI - Multidisciplinary Digital Publishing Institute, 2021
Descrizione fisica	1 online resource (108 p.)
Soggetti	Research & information: general Technology: general issues Thermodynamics & heat
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Sommario/riassunto	This book is relevant to architects, urban designers, planners, and policy makers concerned with enhancing climate-sensitive urban form and planning. It discusses building and neighborhood design: layout and design features that maximize energy efficiency and thermal comfort without compromising the ability of other buildings to enjoy similar benefits; the use of interstitial spaces (piazzas, streets, and parks) to improve the microclimate at the neighbourhood-level; design intervention case studies; innovative uses of interstitial spaces to improve the local climate at the neighborhood level; and urban radiative cooling solutions to mitigate the unintended climate consequences of urban growth and suggestions for ways forward.