

1. Record Nr.	UNINA9911006828603321
Autore	Bloom Michael F
Titolo	Leveraging Sustainable Infrastructure for Resilient Communities / / Michael F. Bloom, Krishna R. Reddy
Pubbl/distr/stampa	, : American Society of Civil Engineers, , 2022 ©2022
ISBN	1-5231-4473-4 0-7844-8387-6
Edizione	[1st ed.]
Descrizione fisica	1 online resource (159 pages)
Altri autori (Persone)	ReddyKrishna R
Disciplina	720.4
Soggetti	Sustainable buildings - Design and construction
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di contenuto	IEat prosperity campaign: techno-economic forecasting of a food waste collection scheme for growing economically sustainable algae on landfills -- Design of interconnected infrastructure systems for resilient and sustainable communities -- Findings from two flood disaster response exercises for Southeast Texas -- Grid-interactive efficient buildings: leveraging the federal building stock to support the future grid—a case study from Central Islip, New York -- Planning for climate resilience in coastal and inland wastewater systems -- Objective comparison of sustainable asphalt concrete solutions for airport pavement surfacing -- Improving walkability by focusing on residents' needs and neighborhood's built environment -- Mapping standards and rating measures of structural green roofs for socio-environmental life cycle assessments using Envision -- Physical modeling of wave height attenuation through flexible vegetation -- Public-private partnerships for environmental, social, and governance projects: how private funding for infrastructure can produce mutual benefits for companies and the public -- Will it work? Examining alignment of four infrastructure solutions with the draft ASCE 73 standard requirements for sustainable infrastructure -- Limitations for transport infrastructure in Colombia during the development of projects related to non-conventional renewable energy sources (NCRES) -- Sustainability rating of internally cured concrete in marine environments using service life

prediction models.

Sommario/riassunto

This collection contains 13 peer-reviewed papers on best practices in sustainability presented at the International Conference on Sustainable Infrastructure 2021, held virtually December 6-10, 2021.
