

1. Record Nr.	UNINA9910767505603321
Autore	Wijesooriya Niranjika
Titolo	A Biophilic Design Guide to Environmentally Sustainable Design Studios // by Niranjika Wijesooriya, Arianna Brambilla, Lina Markauskaite
Pubbl/distr/stampa	Singapore : , : Springer Nature Singapore : , : Imprint : Springer, , 2022
ISBN	9789811944284 9811944288
Edizione	[1st ed. 2022.]
Descrizione fisica	1 online resource (177 pages)
Collana	SpringerBriefs in Education, , 2211-193X
Disciplina	810.9357
Soggetti	Technical education Teaching Educational technology Professional education Vocational education Technology and Design education Didactics and Teaching Methodology Digital Education and Educational Technology Professional and Vocational Education
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di contenuto	1 Introduction -- 2 Developing design frameworks: Challenges, strategies and tools -- 3 An elemental view to perceive the built environment -- 4 Process Bridging Technique -- 5 Developing a Biophilic Design Framework -- 6 Biophilic design thinking.
Sommario/riassunto	This book explores the current challenges of teaching biophilic design within environmentally sustainable design (ESD) education. It shows how design frameworks and success matrices can be used within ESD education, explores the development of biophilic design frameworks and shows how design thinking can be used to adopt biophilic design within ESD education. It introduces the new 'Process Bridging Technique (PBT)' that can be used to generate sustainable design frameworks able to fulfil the requirements of a performance-based approach and, at the same time, enhance human-nature

connectedness. Based on an educational design research project developed in the past two years at the University of Sydney, this book informs new approaches to ESD education and bridges the spheres of research, education, and profession. It serves as a practical guide on how to systematically develop a design framework that can be used in architecture education, while presenting the pioneering 'Process Bridging Technique' developed by the authors.
