

Contents

Preface	 vii
Chapter 1	The Theories Behind Human Responses in Coloured Environments.....1 Nurlelawati Ab. Jalil and Rashidi Othman
Chapter 2	Fading Challenges in Malay Natural-Dyed Textiles: Factors and Conservation Strategies.....17 Sharifah Tahirah Syed Kamarulzaman, Basitah Taif, Muhammad Ismail Ab Kadir and Rajabi Abdul Razak
Chapter 3	Natural Resources Utilization: Applications of Beta-Carotene and Lutein Extracts as Natural Colorants35 Ainaa Eliah Abu Bakar, Rashidi Othman, Qurratu Aini Mat Ali, Farah Ayuni Mohd Hatta, Razanah Ramya and Nurlelawati Ab Jalil
Chapter 4	The Evaluation of the Dyeing Performance of <i>Bixa orellana</i> (Annatto) on Cotton and Polyester Fabrics57 Nur Atiqah Jamaludin, Razanah Ramya, Rashidi Othman and Qurratu Aini Mat Ali
Chapter 5	Designing Spaces with Purpose: A Functional Approach to Cultural Heritage Conservation.....73 Tengku I'sya Tengku Izham and Nurlelawati Ab Jalil

Chapter 6	<i>Masjid Wadi Al-Hussein of Narathiwat, Southern Thailand: The Unforgotten Islamic Architectural Heritage</i>.....	87
	Nurul Hamiruddin Salleh and Adli Hadi Abdul Hadi	
Chapter 7	Heritage at Risk: Understanding Conservation Practice for Studio Dilapidation Studies	109
	Nurlelawati Ab. Jalil	
Chapter 8	Smart Interior Designs for Sustainable Workspaces: Insights from Shop-Lot Offices in Tropical Regions.....	121
	Arita Hanim Awang	
Chapter 9	Harnessing Algae-Based Materials for Carbon Sequestration and Energy Efficiency in the Built Environment	133
	Muhammad Hanafi Ismail, Rashidi Othman, Wan Syibrah Hanisah Wan Sulaiman and Qurratu Aini Mat Ali	
Chapter 10	Localizing Culture in Coworking Spaces: Designing Community-Driven, Sustainable Work Environments in Southeast Asia.....	151
	Ahmad Khatib Khairuddin and Norzalifa Zainal Abidin	
Chapter 11	Design Perspectives of Science Centres: Strategies and Analyses.....	171
	Nurhaya Baniyamin	
Chapter 12	Circular Insights - Charting Malaysia's Path to Sustainable Product Design.....	191
	Fadzli Irwan Baharudin, Liew Yong Kian and Hazleen Anuar	
Chapter 13	The Environmental Resilience Index as an Indicator of Sustainability in Selangor, Malaysia.....	205
	M Zainora Asmawi, Sharifah Husna Syed Zainal Yussof and Ashraf Dewan	

Chapter 14	A Systematic Review of Coloured Environment Studies.....	227
	Nurlelawati Ab. Jalil	
Chapter 15	Infusion of Design Technology in Accentuating Social Integration and Enhancing the True Functions of the Mosque as a Community Centre	235
	Norzalifa Zainal Abidin and Tasneem Nasr El Din	
About the Editors.....		251
Index		253