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## Green House (Paperback)

By Patrick Bellew

Oro Editions, United States, 2013. Paperback. Condition: New. Language: English. Brand new Book.

The book explores the sustainable design principles and innovative engineering behind the development of two of the world's largest conditioned public conservatories or biomes. Nestled within waterfront gardens, the biomes are the centrepiece of a development that will define Singapore as the world's premier tropical garden city: gardens that are on track to become a national and international exemplar of sustainable practice. Through a combination of photographs, graphics and narratives, the book explores the challenges of building two huge enclosures to recreate, in Singapore's naturally sunny, hot and humid environment, the ideal growing conditions for plants from cool-dry Mediterranean regions and the cool-moist conditions of tropical mountain regions. While the thrust of the narrative will consider the environmental design and engineering approach of Atelier Ten, three other voices reflect upon the landscape, architectural and structural engineering issues that confronted the core members of the integrated design team. As environmental engineers Atelier Ten developed highly innovative passive and active environmental strategies for controlling conditions within the conservatories, while minimising energy demand to exemplar levels. Outside the Biomes the unique Supertree structures house components of the systems that provide...



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### Reviews

*This book is definitely not simple to begin on studying but quite fun to see. I actually have read and that i am sure that i will gonna read through yet again once again in the foreseeable future. It is extremely difficult to leave it before concluding, once you begin to read the book.*

-- **Brennan Koelpin**

*Comprehensive guide! Its this type of very good read through. It is actually writter in simple words and phrases rather than difficult to understand. It is extremely difficult to leave it before concluding, once you begin to read the book.*

-- **Bernie Mante PhD**