



DOWNLOAD



## 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...



**READ ONLINE**  
[ 5.12 MB ]

### Reviews

*I actually began looking at this pdf. It is actually rally interesting throgh reading time period. You will not really feel monotony at at any time of your respective time (that's what catalogues are for concerning if you ask me).*

**-- Brayan Mohr Sr.**

*A superior quality publication along with the font used was fascinating to learn. I have read through and i also am certain that i am going to going to go through yet again again in the future. Your life period will likely be enhance the instant you total reading this publication.*

**-- Donnie Rice**