Some goals of sustainable and green architecture are reducing harmful effects on the environment such as carbon emissions, conserving energy, improving liveability and reduction of construction waste. This reading list contains over 80 publications mainly published in the last 10 years and aims to give insight to various topics.

The Library will periodically add new resources to this list. Links to the full-text are indicated. If you encounter any problem in retrieving the materials, please contact library@sutd.edu.sg for assistance.

Please also forward us titles that you would like to share with others in this list.

**TOPICS**

- Cities
- Principals
- Professional Development
- Projects
- Algorithmic Design
- Passive Architecture
- Vernacular Architecture
- Systems – Building & Energy
- Materials & Construction

**Cities**

Issues and insights to urban planning with sustainability as the focus


Main Library General Lending (HT166 GAI)
**Principals**

Understanding Sustainable architecture and what to consider when designing


Kishnani, N. (2012). *Greening Asia : Emerging principles for sustainable architecture.* Available at Main Library General Lending (NA2542.36 KIS)


Main Library   General Lending   NA2542.36 STA


Professional Development

Topics related to professionals in the area of sustainable design


Projects

Featuring various works of sustainable and green architecture


Algorithmic Design

The use of software’s to generate designs


Salingaros, N. (2010). Twelve lectures on architecture : Algorithmic sustainable design : Notes from a series of 12 lectures applying cutting-edge mathematical techniques to architecture and urban design.

**Passive Architecture**
Low energy dependency building design


**Vernacular Architecture**
A traditional style of architecture based on culture and materials available


Building and energy systems to minimize power requirements


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**Materials & Construction**

Various techniques and materials used in sustainable design


