

Green Building Book List as at 2 June 2009

	<u>Book title</u>	<u>Brief Introduction (If any)</u>
1.	Dunnett, N. & Kingsbury, N. (2004) "Planting Green Roofs and Living Walls", Timber Press, Portland, Cambridge	A useful encompassing book that outlines not just green roofs but facade and wall greening as well. This book is structured from a technical approach that includes plant species.
2.	EARTH PLEDGE (2004) "Green Roofs - Ecological Design and Construction", Schiffer Publishing	A well recommended book that has a comprehensive approach to green roofs. It begins with a brief but ecologically based introduction, then studies some 40 green roofs together with a detail list of materials and costs, 6 municipality implementation policies, and ends with explanations of green roof components.
3.	Nielsen, S. (2004) "Sky Gardens - Rooftops, Balconies, and Terraces", Schiffer Publishing, Atglen, PA, USA	A picture book of small-scale balcony and roof-top spaces that shows plant combinations and design possibilities.
4.	Ngan, G. (2004) "Green Roof Policies: Tools for Encouraging Sustainable Design"	It is a report produced by a Canadian landscape architect for the Canadian government. It studies German green roof policies and implementation incentives and make comparable recommendations for Canadian adoption.
5.	C.S. Poon, T.W. Yu and L.H. Ng (2001), "A Guide for Managing and Minimizing Building and Demolition Waste", The Hong Kong Polytechnic University, ISBN: 962 367 311 6, pp. 85.	The guidebook is developed to provide practical guidance for the professionals in the building industry. It focuses on facilitating the reuse and recycling of demolition waste through selective demolition technique and on-site sorting of waste; avoiding and minimizing building and demolition waste through better operating practices; and avoiding and minimizing building waste through better construction technologies and site management.
6.	C.S. Poon and L. Jaillon (2002), "A Guide for Minimizing Construction and Demolition Waste at the Design Stage", The Hong Kong Polytechnic University, ISBN: 962 367 334 5, pp. 221.	The guidebook aims at providing guideline to help designers to understand the situation of construction and demolition waste management in Hong Kong and to consider waste minimization issues at the design and early stages of project development. It provides design concepts and measures to reduce the generation of construction and demolition waste by carrying out efficient design

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		for building projects.
7.	"ASHRAE Green Guide: an ASHRAE publication addressing matters of interest to those involved in green or sustainable design of buildings", Atlanta GA: American Society of Heating, Refrigerating and Air-Conditioning Engineers, Inc. (2003)	The book consists of three major parts from planning, building and finishing for developing a green building. It covers the building fundamentals with various design strategies. In the building aspect, it describes the siting, site work, structure, walls, roof and floor. In the finishing aspect, it covers the interior and exterior considerations.
8.	Snell, Clarke. (2005), "Building green: a complete how-to guide to alternatives building methods: earth plaster, straw bale, cordwood, cob, living roofs", New York: Lark Books	The book provides more than 1200 photographs with in-depth descriptions to demonstrate the eco-friendly techniques. The fundamental concepts of construction, substitutes for conventional approaches are presented. The planning of a home is not only giving comfortable and beautiful, but also being environmentally responsible. Various alternative building methods are discussed including straw bale, cob, cordwood, and modified stick frame.
9.	Chen, Zhen. (2006), "Environmental management in construction: a quantitative approach", London: Taylor & Francis.	The book provides a good tool to manage environment in construction from pre-construction, construction and post-construction stages. An integrative methodology addressing governmental regulations, technology conditions, competitive pressures, cooperative attitude and cost-benefit efficiency is proposed. Various quantitative evaluations throughout the construction stages are presented. In addition, a knowledge-driven quantitative evaluation illustrated with tools and case studies are described.
10.	"The green building bible: all you need to know about ecobuilding", Llandysul: Green Building Press (2005)	The Green Building Bible in two volumes coincides with the recent growth in interest and activity in sustainable construction methods which has grown considerably in breadth and depth. As the starting point to living a more healthy, sustainable and autonomous life, Volume 1 is a good reference guide from layman to professional. There is a range of case studies on construction projects and applications of specific products and renewable energy

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		approaches. Volume 2 describes the in-depth technical information and data on the strategies and systems needed to create low energy, green buildings. The focus is on optimizing design and build method to reduce energy consumption. The book provides an overview of the key elements in services, materials in construction and summarizes priorities to deliver the most viable energy efficient strategy.
11.	"MaSC, managing sustainable construction: profiting from sustainability", London: CRC, BRE Press (2002)	The book addresses economic, social and environmental sustainability which can bring opportunities and bottom line benefits to business. As a failure to tackle these will pose significant risks. The book introduces a process for managing business' sustainability practice.
12.	"Material architecture: emergent materials for innovative buildings and ecological construction", Oxford: Architectural Press (2006)	This book deals with the broad issues affecting the nature of architectural materials and provides a focused review of the state of the art materials. It also provides designers with the tools they need to evaluate and select from the thousands of different materials that are available to them. Five material families: metals, polymers, ceramics, composites and natural materials were reviewed with in depth information on their properties, behavior, origins and uses in design. The book also describes the technical design-oriented research that uncovers how new architectural assemblies can be designed and engineered. Some practical advice on how to evaluate the select the right materials for design is also highlighted.
13.	Kibert, Charles J. (2005), "Sustainable construction: green building design and delivery", Hoboken, N.J.: John Wiley	The book provides a good aspect on green building, covering its assessment, from ecological design, sustainable sites and landscaping, energy and atmosphere, construction operation to building commissioning. The book also deals with the economic analysis of green buildings and gives a future direction for green buildings.
14.	"Asian Breezes Towards Sustainable Architectures", The Japan	This book focuses on recent architectural practices within the Asian

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	Institute of Architecture (June, 2005)	region, where there are new trends towards sustainable architecture. Exemplary projects from 9 countries are presented. Whilst most of these projects exhibit provision for a number of sustainable features and facilities, the focus is placed under five fundamental aspects of sustainable design i.e. air, sun, water, material and resources, and urban and rural design.
15.	Wong, K.S. (July 2006), "Green Building Award 2006", Professional Green Building Council	This book enlists projects that were shortlisted in the Green Building Awards 2006, which was organized by the Professional Green Building Council. Projects introduced in this publication represent the state-of-the-art in sustainable development in Hong Kong. They are grouped under four categories, namely New Buildings, Existing Buildings, Newly Renovated Buildings, Research and Planning Studies. Brief project description together with their sustainability aspects are given in this publication.
16.	"Proceedings of the 2005 World Sustainable Building Conference", SB05 Tokyo National Conference Board (2005)	The proceedings of the 2005 World Sustainable Building Conference comprises nearly 700 hundred papers from all over the world, which are grouped under the topics of Energy Use and Climate, Resource-productive Material Use; Indoor Environment; Building Environmental Assessment Tools; Healthy Building/Cities; Future Frameworks and Next technologies; Management of Technologies; Sustainable Structural Systems; Theory and Methods in Support of Adaptable Buildings; Sustainable Management of Existing Building Stock; Urban Environmental Systems and Sustainable Urban Regeneration.
17.	Tam, Angela. (2006), "Sustainable Building in Hong Kong: the past, present and future", Insitu Publishing Limited	The author looked into the topic of sustainability of building in a broad manner. This book covers the progress and current status of sustainability of building developments in Hong Kong, the obstacles the industry faces and where the future lies. Aspects considered in the book range from construction method, energy use, life cycle costing, mindset of the industry to government policies.