



From Bauhaus to Eco-House: A History of Ecological Design

By Peder Anker

[Download now](#)

[Read Online](#) 

From Bauhaus to Eco-House: A History of Ecological Design By Peder Anker

Global warming and concerns about sustainability recently have pushed ecological design to the forefront of architectural study and debate. As Peder Anker explains in *From Bauhaus to Ecohouse*, despite claims of novelty, debates about environmentally sensitive architecture have been ongoing for nearly a century. By exploring key moments of inspiration between designers and ecologists from the Bauhaus projects of the interwar period to the eco-arks of the 1980s, Anker traces the historical intersection of architecture and ecological science and assesses how both remain intertwined philosophically and pragmatically within the still-evolving field of ecological design.

The idea that science could improve human life attracted architects and designers who looked to the science of ecology to better their methodologies. Walter Gropius, the founder of the Bauhaus school, taught that designed form should follow the laws of nature in order to function effectively. With the Bauhaus movement, ecology and design merged and laid the foundation of modernist architecture.

Anker discusses in detail how the former faculty members of the Bauhaus school -- including László Maholy-Nagy and Herbert Bayer -- left Nazi Germany in the mid-1930s and engaged with ecologists during their "London period" and in the U.S. A subsequent generation of students and admirers of Bauhaus, such as Richard Buckminster Fuller and Ian McHarg, picked up their program, and -- under the general banner of merging art and science in the design process -- Bauhaus-minded architects began to think ecologically while some ecologists lent their ideas to design.

Anker charts complicated currents of ecological design thought spanning pre- and post-World War II and through the cold war, including pivotal changes such as the emergence of space exploration and new theories on closed-system living in space capsules, space stations, and planetary colonies. Space ecology, Anker explains, inspired leading landscape designers of the 1970s, who used the imagined life of astronauts as a model for how humans should live in harmony with nature. Theories of how to design for extraterrestrial living impacted design and ecological thinking for earth-based living as well, as evidenced in Disney's

Spaceship Earth attraction as well as in the Biosphere 2 experiments in Arizona in the early 1990s.

Illuminating important connections between theories about the relationship between humans and the built environment, Anker's provocative study provides new insight into a critical period in the evolution of environmental awareness.

 [Download From Bauhaus to Eco-House: A History of Ecological ...pdf](#)

 [Read Online From Bauhaus to Eco-House: A History of Ecologic ...pdf](#)

From Bauhaus to Eco-House: A History of Ecological Design

By Peder Anker

From Bauhaus to Eco-House: A History of Ecological Design By Peder Anker

Global warming and concerns about sustainability recently have pushed ecological design to the forefront of architectural study and debate. As Peder Anker explains in *From Bauhaus to Ecohouse*, despite claims of novelty, debates about environmentally sensitive architecture have been ongoing for nearly a century. By exploring key moments of inspiration between designers and ecologists from the Bauhaus projects of the interwar period to the eco-arks of the 1980s, Anker traces the historical intersection of architecture and ecological science and assesses how both remain intertwined philosophically and pragmatically within the still-evolving field of ecological design.

The idea that science could improve human life attracted architects and designers who looked to the science of ecology to better their methodologies. Walter Gropius, the founder of the Bauhaus school, taught that designed form should follow the laws of nature in order to function effectively. With the Bauhaus movement, ecology and design merged and laid the foundation of modernist architecture.

Anker discusses in detail how the former faculty members of the Bauhaus school -- including László Maholy-Nagy and Herbert Bayer -- left Nazi Germany in the mid-1930s and engaged with ecologists during their "London period" and in the U.S. A subsequent generation of students and admirers of Bauhaus, such as Richard Buckminster Fuller and Ian McHarg, picked up their program, and -- under the general banner of merging art and science in the design process -- Bauhaus-minded architects began to think ecologically while some ecologists lent their ideas to design.

Anker charts complicated currents of ecological design thought spanning pre-- and post--World War II and through the cold war, including pivotal changes such as the emergence of space exploration and new theories on closed-system living in space capsules, space stations, and planetary colonies. Space ecology, Anker explains, inspired leading landscape designers of the 1970s, who used the imagined life of astronauts as a model for how humans should live in harmony with nature. Theories of how to design for extraterrestrial living impacted design and ecological thinking for earth-based living as well, as evidenced in Disney's Spaceship Earth attraction as well as in the Biosphere 2 experiments in Arizona in the early 1990s.

Illuminating important connections between theories about the relationship between humans and the built environment, Anker's provocative study provides new insight into a critical period in the evolution of environmental awareness.

From Bauhaus to Eco-House: A History of Ecological Design By Peder Anker Bibliography

- Sales Rank: #1337245 in Books
- Brand: Brand: LSU Press
- Published on: 2010-01-01
- Original language: English
- Number of items: 1

- Dimensions: 8.50" h x .90" w x 5.60" l, .85 pounds
- Binding: Hardcover
- 208 pages



[Download](#) From Bauhaus to Eco-House: A History of Ecological ...pdf



[Read Online](#) From Bauhaus to Eco-House: A History of Ecologic ...pdf

Download and Read Free Online From Bauhaus to Eco-House: A History of Ecological Design By Peder Anker

Editorial Review

From Publishers Weekly

The growing public profile of climate change concerns have brought ecologically-minded programs like LEED to the forefront of today's building design industry, but New York University science historian Anker claims, in this 50-year survey, that design has long been linked to ecology and science. The Bauhaus school began this interchange in the 1930s, "a period in which many biologists turned their attention to avant-garde modernist architecture... as a way of improving social health and the environment" while designers looked to biology: "true functionalism to them was a matter of designing according to the laws of nature." Anker profiles designers including Gropius, Bayer, and Fuller, and discusses attempts to integrate design and nature in projects like the London Zoo, Fuller's "4D Tower House," Biosphere 2, and spacecraft. Disappointingly, Anker's history ends in the 1980s, appended with some generalizations about the present (as well as a glossary and thorough references). A lack of illustration will also limit this detailed (though didactic) volume's appeal to students and professionals.

Copyright © Reed Business Information, a division of Reed Elsevier Inc. All rights reserved.

About the Author

Peder Anker is an associate professor of the history of science at the Gallatin School of Individualized Study and the Environmental Studies Program at New York University. He is also the author of Imperial Ecology, Environmental Order in the British Empire, 1895--1945.

Users Review

From reader reviews:

Jennifer Oaks:

Book is actually written, printed, or highlighted for everything. You can understand everything you want by a reserve. Book has a different type. As it is known to us that book is important point to bring us around the world. Close to that you can your reading ability was fluently. A reserve From Bauhaus to Eco-House: A History of Ecological Design will make you to become smarter. You can feel far more confidence if you can know about anything. But some of you think that open or reading a new book make you bored. It isn't make you fun. Why they may be thought like that? Have you searching for best book or ideal book with you?

Jack Unger:

Book is to be different for each grade. Book for children until finally adult are different content. As it is known to us that book is very important for all of us. The book From Bauhaus to Eco-House: A History of Ecological Design was making you to know about other knowledge and of course you can take more information. It is quite advantages for you. The book From Bauhaus to Eco-House: A History of Ecological Design is not only giving you considerably more new information but also to get your friend when you truly feel bored. You can spend your own spend time to read your reserve. Try to make relationship with all the book From Bauhaus to Eco-House: A History of Ecological Design. You never really feel lose out for

everything in the event you read some books.

Harriet Blum:

Reading a publication can be one of a lot of pastime that everyone in the world enjoys. Do you like reading book consequently. There are a lot of reasons why people love it. First reading a reserve will give you a lot of new data. When you read a book you will get new information since book is one of many ways to share the information or maybe their idea. Second, studying a book will make anyone more imaginative. When you studying a book especially fiction book the author will bring you to imagine the story how the characters do it anything. Third, it is possible to share your knowledge to other individuals. When you read this *From Bauhaus to Eco-House: A History of Ecological Design*, you can tell your family, friends and soon about yours guide. Your knowledge can inspire different ones, make them reading a publication.

Allison Morales:

Is it an individual who having spare time after that spend it whole day by watching television programs or just telling lies on the bed? Do you need something new? This *From Bauhaus to Eco-House: A History of Ecological Design* can be the solution, oh how comes? The new book you know. You are and so out of date, spending your spare time by reading in this fresh era is common not a geek activity. So what these guides have than the others?

Download and Read Online [From Bauhaus to Eco-House: A History of Ecological Design](#) By Peder Anker #0YQA7ZPM6V4

Read From Bauhaus to Eco-House: A History of Ecological Design By Peder Anker for online ebook

From Bauhaus to Eco-House: A History of Ecological Design By Peder Anker Free PDF d0wnl0ad, audio books, books to read, good books to read, cheap books, good books, online books, books online, book reviews epub, read books online, books to read online, online library, greatbooks to read, PDF best books to read, top books to read From Bauhaus to Eco-House: A History of Ecological Design By Peder Anker books to read online.

Online From Bauhaus to Eco-House: A History of Ecological Design By Peder Anker ebook PDF download

From Bauhaus to Eco-House: A History of Ecological Design By Peder Anker Doc

From Bauhaus to Eco-House: A History of Ecological Design By Peder Anker Mobipocket

From Bauhaus to Eco-House: A History of Ecological Design By Peder Anker EPub

0YQA7ZPM6V4: From Bauhaus to Eco-House: A History of Ecological Design By Peder Anker