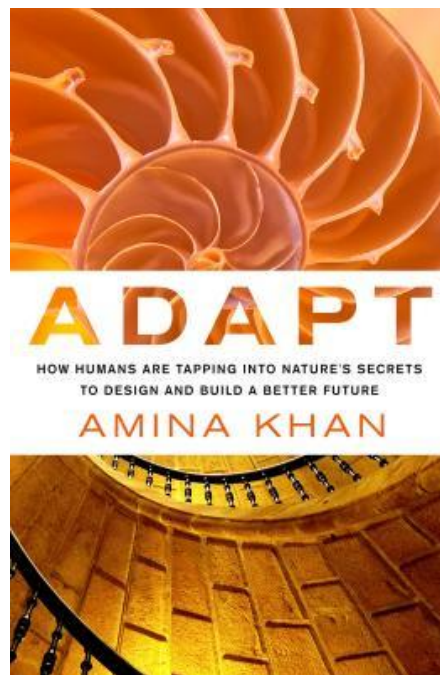




Adapt: How Humans Are Tapping into Nature's Secrets to Design and Build a Better Future

Amina Khan

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Amina Khan believes that nature does it best. In *Adapt*, she presents fascinating examples of how nature effortlessly solves the problems that humans attempt to solve with decades worth of the latest and greatest technologies, time, and money. Humans are animals too, and animals are incredibly good at doing more with less.

If a fly's eye can see without hundreds of fancy lenses, and termite mounds can stay cool in the desert without air conditioning, it stands to reason that nature can teach us a thing or two about sustainable technology and innovation. In Khan's accessible voice, these complex concepts are made simple. There is so much we humans can learn from nature's billions of years of productive and efficient evolutionary experience. This field is growing rapidly and everyone from architects to biologists to nano-technicians to engineers are paying attention. Results from the simplest tasks, creating velcro to mimic the sticking power of a burr, to the more complex like maximizing wind power by arranging farms to imitate schools of fish can make a difference and inspire future technological breakthroughs.

Adapt shares the weird and wonderful ways that nature has been working smarter and not harder, and how we can too to make billion dollar cross-industrial advances in the very near future.

Adapt: How Humans Are Tapping into Nature's Secrets to Design and Build a Better Future Details

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From Reader Review Adapt: How Humans Are Tapping into Nature's Secrets to Design and Build a Better Future for online ebook

Saiyin says

At first, I didn't think this book had a thesis, but I think it is buried in subtlety of the reporting style.

The author definitely has a conversational tone, which can be both welcoming and offputting. Almost like a movie narrator she can set the scene of her scientific adventures, or

Some of the interesting digressions could make interesting footnotes or sidebars, but I suppose they would break up the book format.

"There's a big difference between strapping two wings to your arms and flapping, and understanding every individual part of a bird and it's overall form and the fluid dynamics around its body when flying."

Wendi Lau says

pg 310 "...nature is not necessarily perfect, not necessarily the best, it's just good enough right now."

terms: biomimicry bioinspired design

recommended book: "WTF, Evolution"

Noor says

A well-written and engaging book on a fascinating topic, even if you're not necessarily interested in architecture / bio-inspired design.

Margaret says

I thoroughly enjoyed this non-fiction book, both in terms of content and readability. It was scientific, technical and a wonderful way to understand some of the most interesting research that is going on in the world today, melding the sciences of biology with those of engineering. As an engineer myself, I loved the combination of the sciences and am thrilled how we are looking to nature for more of our solutions for the future. Khan writes in a very friendly style that is often unfamiliar in a book that is technically inclined, and the technical aspects are made understandable. I highly recommend this book for anyone interested in the science of the future.

Ryan says

I received this book in a Goodreads giveaway.

This was a very interesting read. It actually took me a bit longer to read than usual as I re-read a few of the sections. The writing style is pretty easy to follow I just thought some of the science was really intriguing and wanted to make sure I was understanding.

I would have to say this book is more appealing to science and sustainability geeks like myself than to a broader audience, however, I think anyone could and should find the content engaging and in some instances incredible.
