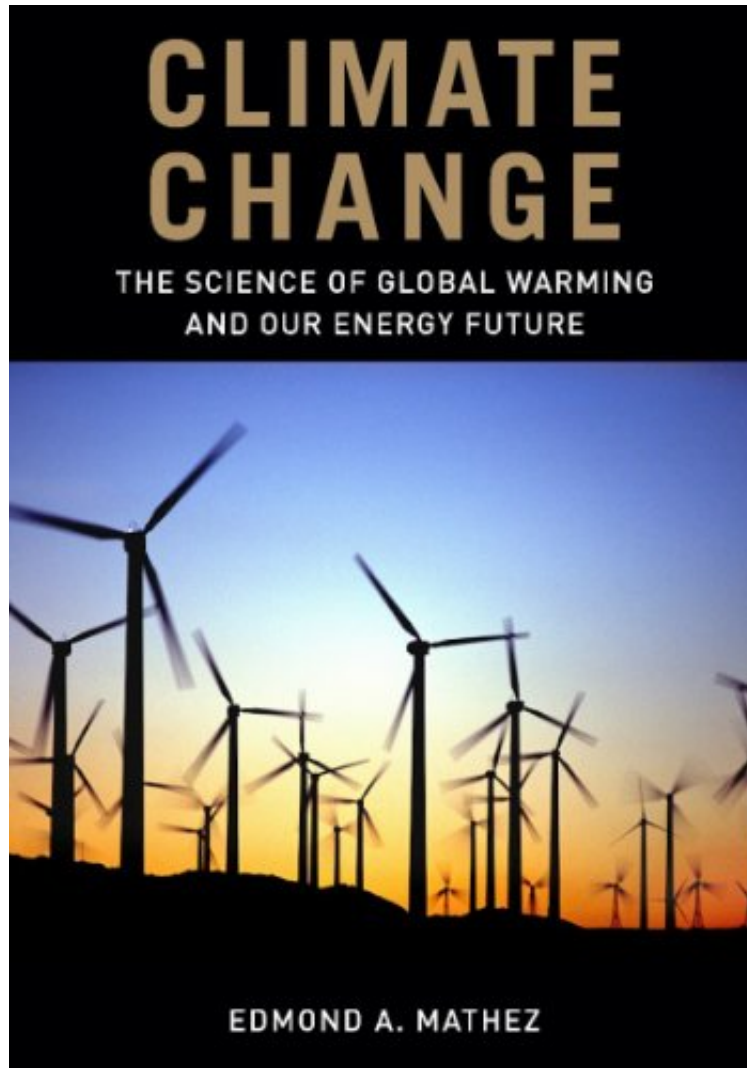


(Mobile book) Climate Change: The Science of Global Warming and Our Energy Future

Climate Change: The Science of Global Warming and Our Energy Future

Edmond A. Mathez

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Edmond A. Mathez : Climate Change: The Science of Global Warming and Our Energy Future before purchasing it in order to gauge whether or not it would be worth my time, and all praised Climate Change: The Science of Global Warming and Our Energy Future:

0 of 0 people found the following review helpful. Great book, lots of information By Kristy Used this book for a 5 credit climate change class (that had no prerequisites). I loved the book and thought it was very thoughtful and very thorough. That being said I do think it's at an awkward level. It's not a great book for non-technical people, but also not great if you're trying to understand the chemistry and physics behind climate change. If I didn't have an engineering

degree I would have found this book difficult and unapproachable. If I was looking to get into the detailed science of climate change I would have thought it was too basic. All that said I'd absolutely recommend it. 1 of 1 people found the following review helpful. Passed the class I needed this book for. Must ...By Kes Passed the class I needed this book for. Must have done something right. Course with all the stuff on the internet I'm not sure where I got my information from... 0 of 0 people found the following review helpful. Five Stars By Paula B. Give a good basis for the science behind why the Earth is getting hotter.

Climate Change is geared toward a variety of students and general readers who seek the real science behind global warming. Exquisitely illustrated, the text introduces the basic science underlying both the natural progress of climate change and the effect of human activity on the deteriorating health of our planet. Noted expert and author Edmond A. Mathez synthesizes the work of leading scholars in climatology and related fields, and he concludes with an extensive chapter on energy production, anchoring this volume in economic and technological realities and suggesting ways to reduce greenhouse-gas emissions. Climate Change opens with the climate system fundamentals: the workings of the atmosphere and ocean, their chemical interactions via the carbon cycle, and the scientific framework for understanding climate change. Mathez then brings the climate of the past to bear on our present predicament, highlighting the importance of paleoclimatology in understanding the current climate system. Subsequent chapters explore the changes already occurring around us and their implications for the future. In a special feature, Jason E. Smerdon, associate research scientist at Lamont-Doherty Earth Observatory of Columbia University, provides an innovative appendix for students.

[Mathez's] words make complex concepts like ocean chemistry, the albedo effect, and predictive climate modeling; the language and science of global warming; easily understood. (Natural History) The hot topics of global warming and climate change are expertly covered in this coherent, well-structured volume. (Rita Hoots NSTA Recommends) Mathez has succeeded admirably... [Climate Change might well be the best of its kind available at present. (Barry W. Brook Quarterly of Biology) About the Author Edmond A. Mathez is curator in the Department of Earth and Planetary Sciences at the American Museum of Natural History in New York. He is one of the leading expositors of earth systems science, having co-written *The Earth Machine: The Science of a Dynamic Planet*. He and Michael Oppenheimer developed a major exhibition that opened in October 2008 at the American Museum of Natural History, "Climate Change: The Threat to Life and a New Energy Future," and that is traveling to major cities around the world.