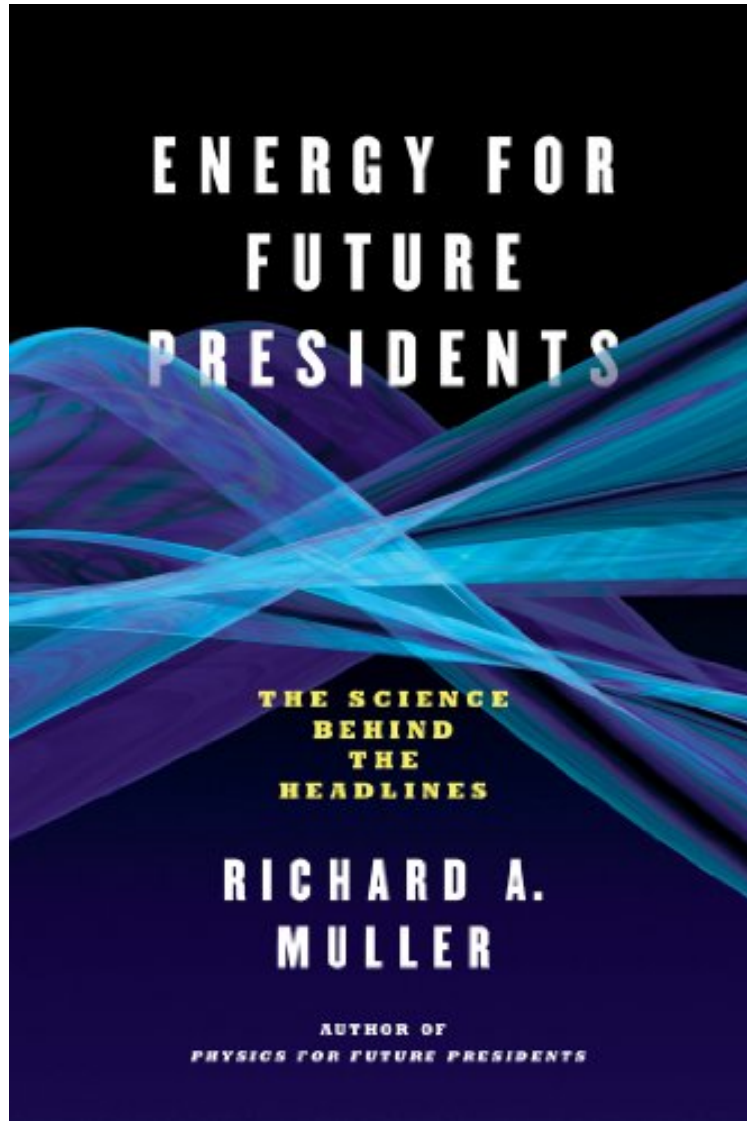


# Energy for Future Presidents: The Science Behind the Headlines

*Richard A. Muller*

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**Richard A. Muller : Energy for Future Presidents: The Science Behind the Headlines** before purchasing it in order to gage whether or not it would be worth my time, and all praised Energy for Future Presidents: The Science Behind the Headlines:

2 of 2 people found the following review helpful. Dramatically InformativeBy D. A. DeBruyneThis is an update/continuation of his previously published "Physics for Future Presidents." Both are superlative. I have recommended both to essentially everyone in my social circle. The high point of "Energy" details the research and analysis of hundreds of years (data was sparse hundreds of years ago, more readily available in the last hundred or so years---their team considered everything available) of nearly 40,000 weather keeping sites to conclude global warming

is real. Dr. Muller fairly and accurately notes this provides no actual prediction of climate change, or what climate change can be predicted, since computer models are limited because of the difficulty of modelling clouds, among other factors. The global warming discussion was the high point for me. There is much, much more. Reactor flooding after the Tsunami in Japan, natural gas and oil, practical considerations (such as cost) in their mining, carbon sequestration, nuclear reactor construction and use, energy implications in terrorism, solar energy and its future, etc., etc., etc. This is very readable. It is dramatically informative. I feel that I am a better citizen of the United States and the world community having read it. 0 of 0 people found the following review helpful. The Best Book on Energy By Bill Henderson Jr. Muller is a physicist that applies his scientific and pragmatic mind to the energy sector. The book discusses every form of potential large-scale energy production and goes through pros/cons. His presentation is pretty apolitical although he has obvious favorites as far as energy is concerned (nuclear, natural gas). His favorites are based on what he feels (and demonstrates) are the most likely to best reduce CO2 emissions while being realistic about consumption and the dramatic increase of energy demand in the developing world. He's tough on electric vehicles, wind, and hydrogen but he provides good arguments for his stances. If you read one book about energy, this is the one I recommend. It's similar to Mackay's Sustainable Energy (Without the Hot Air) Sustainable Energy - Without the Hot Air but I think it's an improvement and more current. 1 of 1 people found the following review helpful. Breaking it all down into digestible chunks! By NateDogg I had Professor Muller as a student in college in the early 2000s and he was probably one of the best teachers that I had, breaking down concepts into digestible "plain English". This is a fantastic book and offers a pretty good survey into the world of energy in this era of thinking green amid the threat of global warming. It's quite an easy read, and entertaining at the same time. Disclaimer: I was an engineering student so I do have some bias. I still maintain that this is a pretty easy read for non-technical people.

The author of Physics for Future Presidents returns to educate all of us on the most crucial conundrum facing the nation: energy. The near-meltdown of Fukushima, the upheavals in the Middle East, the BP oil rig explosion, and the looming reality of global warming have reminded the president and all U.S. citizens that nothing has more impact on our lives than the supply of and demand for energy. Its procurement dominates our economy and foreign policy more than any other factor. But the "energy question" is more confusing, contentious, and complicated than ever before. We need to know if nuclear power will ever really be safe. We need to know if solar and wind power will ever really be viable. And we desperately need to know if the natural gas deposits in Pennsylvania are a windfall of historic proportions or a false hope that will create more problems than solutions. Richard A. Muller provides all the answers in this must-read guide to our energy priorities now and in the coming years.