Changing the Atmosphere: Expert Knowledge and Environmental Governance (Politics, Science, and the Environment)

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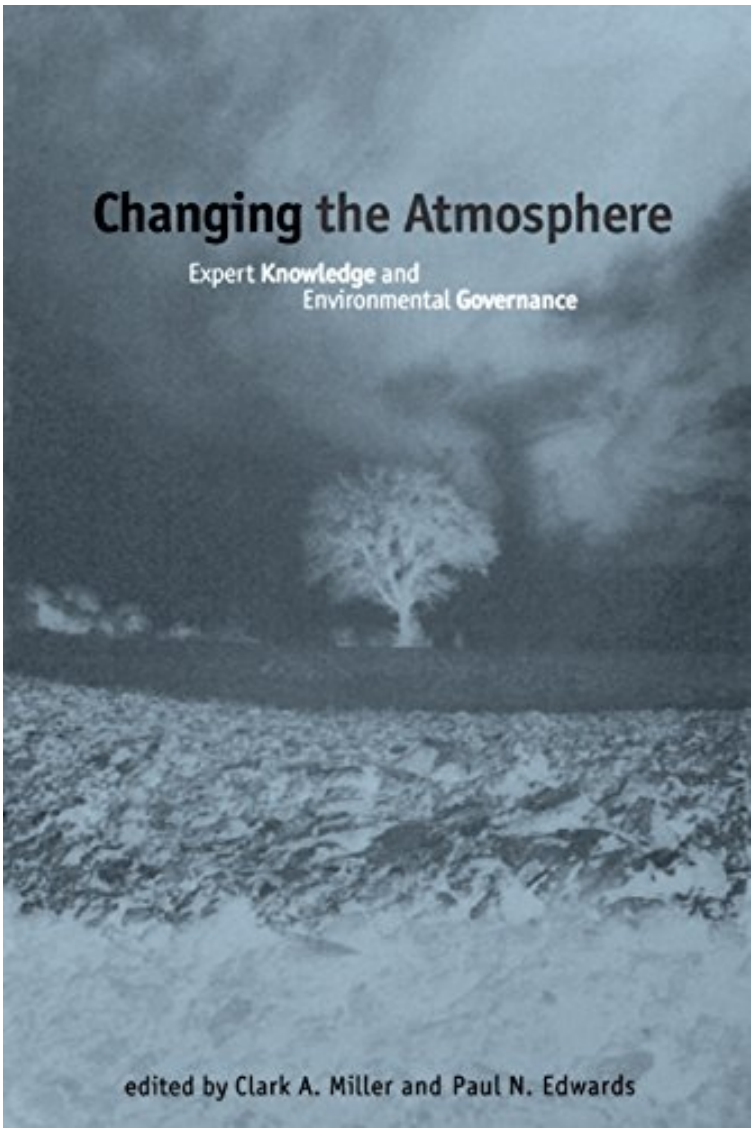

#1570515 in Books 2001-06-18Original language:EnglishPDF # 1 9.00 x .85 x 6.00l, 1.18 #File Name: 0262632195398 pages | File size: 24.Mb

From The MIT Press : Changing the Atmosphere: Expert Knowledge and Environmental Governance (Politics, Science, and the Environment) before purchasing it in order to gage whether or not it would be worth my time, and all praised Changing the Atmosphere: Expert Knowledge and Environmental Governance (Politics, Science, and the Environment):

0 of 4 people found the following review helpful. Not consistent with the literature....By Vangel VesovskiThe problem with the book is that it tends to ignore the actual empirical evidence and does not support the claims that are being made. A good example is the residency time of CO2 in the atmosphere. On page 198 we read that CO2 stays for 120 years while the literature shows an average of less than ten years with the highest number(24 years) coming from Suess and Lall (1983). The reason why alarmists chose a much longer residency time has to do with the model output. Scary scenarios do not work well if the residency time is in line with the actual empirical data.http://c3headlines.typepad.com/.a/6a010536b58035970c0120a5e507c9970c-piIf permits me to provide a link to the actual results from the literature you can click on it above. If not, I suggest that you take a look at the Vahrenholt and Luning book and use the references to lead you to the thousands of papers full of peer reviewed empirical studies that show that the AGW claims are little more than hype.

In recent years, Earth systems science has advanced rapidly, helping to transform climate change and other planetary risks into major political issues. Changing the Atmosphere strengthens our understanding of this important link between expert knowledge and environmental governance. In so doing, it illustrates how the emerging field of science and technology studies can inform our understanding of the human dimensions of global environmental change. Incorporating historical, sociological, and philosophical approaches, Changing the Atmosphere presents detailed empirical studies of climate science and its uptake into public policy. Topics include the scientific, political, and social processes involved in the creation of scientific knowledge about climate change; the historical and contemporary role of expert knowledge in creating and perpetuating policy concern about climate change; and the place of science in institutions of global environmental governance such as the World Meteorological Organization, the Framework Convention on Climate Change, and the Intergovernmental Panel on Climate Change. Together, the essays demonstrate fundamental connections between the science and politics of planet Earth. In the struggle to create sustainable forms of environmental governance, they indicate, a necessary first step is to understand how communities achieve credible, authoritative representations of nature. ContributorsPaul N. Edwards, Dale Jamieson, Sheila Jasanoff, Chunglin Kwa, Clark Miller, Stephen D. Norton, Stephen H. Schneider, Simon Shackley, Frederick Suppe.

This is an impressive, provocative, and interesting collection of essays. It should be of particular interest to political scientists and students of science studies and should also appeal to policy analysts, policymakers, and participants in the Conference of the Parties. (Ronnie D. Lipschutz, University of California, Santa Cruz)This is a timely and well-done volume that delivers what the title promises: a study of how expert knowledge and global environmental governance interact in dealing with anthopogenic changes of the atmosphere. (Carlo C. Jaeger, Head, Social Systems Department, Potsdam Institute for Climate Impact Research)About the AuthorPaul N. Edwards is Professor of Information and History at the University of Michigan. He is the author of A Vast Machine: Computer Models, Climate Data, and the Politics of Global Warming (2010) and a coeditor (with Clark Miller) of Changing the Atmosphere: Expert Knowledge and Environmental Governance (2001), both published by the MIT Press.