

VALUES, POVERTY, AND POLICY

Darrel Moellendorf

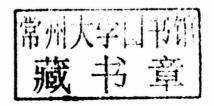


The Moral Challenge of Dangerous Climate Change

VALUES, POVERTY, AND POLICY

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Johann Wolfgang Goethe Universität Frankfurt am Main





CAMBRIDGE UNIVERSITY PRESS

32 Avenue of the Americas, New York, NY 10013-2473, USA

Cambridge University Press is part of the University of Cambridge.

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www.cambridge.org Information on this title; www.cambridge.org/9781107678507

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First published 2014

Printed in the United States of America

A catalog record for this publication is available from the British Library.

Library of Congress Cataloging in Publication Data

Moellendorf, Darrel.

The moral challange of dangerous climate change: values, poverty, and policy / Darrel Moellendorf, Johann Wolfgang Goethe Universität Frankfurt am Main. pages cm.

Includes bibliographical references and index.

ISBN 978-1-107-01730-6 (hardback) – ISBN 978-1-107-67850-7 (pbk.)

1. Climate change – Moral and ethical aspects. 2. Environmental ethics. I. Title. GE42.M64 2014

179'.1-dc23 2013038844

ISBN 978-1-107-01730-6 Hardback ISBN 978-1-107-67850-7 Paperback

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THE MORAL CHALLENGE OF

This book examines the threat climate change poses to the projects of poverty eradication, sustainable development, and biodiversity preservation. It offers a careful discussion of the values that support these projects and a critical evaluation of the normative bases of climate change policy. This book regards climate change policy as a public problem on which normative philosophy can shed light. It assumes that the development of policy should be based on values regarding what is important to respect, preserve, and protect. What sort of climate change policy do we owe the poor of the world who are particularly vulnerable to climate change? Why should our generation take on the burden of mitigating climate change that is caused, in no small part, by emissions from people now dead? What value is lost when natural species go extinct, as they may well do en masse because of climate change? This book presents a broad and inclusive discussion of climate change policy, relevant to those with interests in public policy, development studies, environmental studies, political theory, and moral and political philosophy.

Darrel Moellendorf is Professor of International Political Theory and Professor of Philosophy at Johann Wolfgang Goethe Universität Frankfurt am Main. He is the author of Cosmopolitan Justice (2002) and Global Inequality Matters (2009). He coedited Jurisprudence (2004, with Christopher J. Roederer), Current Debates in Global Justice (2005, with Gillian Brock), Global Justice: Seminal Essays (2008, with Thomas Pogge), and The Handbook of Global Ethics (2014, with Heather Widdows). He has been a member of the School of Social Sciences at the Institute for Advanced Study (Princeton), a recipient of DAAD and NEH Fellowships, and a Senior Fellow at Justitia Amplificata at Goethe Universität Frankfurt and the Forschungskolleg Humanwissenschaften, Bad Homburg.

For Bonnie and Marino with whom I have shared sunrises and snowstorms in the Colorado Desert

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I open the books on Right and on ethics; I listen to the professors and jurists; and, my mind full of their seductive doctrines, I admire the peace and justice established by the civil order; I bless the wisdom of our political institutions and, knowing myself a citizen, cease to lament I am a man. Thoroughly instructed as to my duties and my happiness, I close the book, step out of the lecture room, and look around me. I see wretched nations groaning beneath a yoke of iron. I see mankind ground down by a handful of oppressors. I see a famished mob, worn down by sufferings and famine, while the rich drink the blood and tears of their victims at their ease.

– Jean Jacques Rousseau

Acknowledgments

This book was written mostly while I was a member of the Philosophy Department at San Diego State University (SDSU). Colleagues who work at public universities devoted primarily to undergraduate teaching know how hard it is to get the time and support necessary to read, reflect, and write. I have been very lucky in this regard.

This book would never have been written without the support of several institutions and people within them. Due to the efforts of Marius Vermaak, the Philosophy Department and the Office of International Education at Rhodes University in Grahamstown, South Africa, hosted me for several weeks in 2006 when I first started to work on climate change. The Deutsche Akademische Austauch Dienst provided me with a fellowship that allowed me to spend the summer of 2008, at the invitation of Stefan Gosepath, at the Institut für Interkulterelle und Internationale Studien (InIIs) at Universität Bremen, InIIs also generously found work space for me every summer between 2008 and 2012. Chapter 5 was first drafted there in 2010. SDSU has supported me with two leaves, one in 2008-2009 and the other in 2012-2013. The College of Arts and Letters at SDSU provided me with the Johnson Critical Thinking Grant in the fall of 2011 that relieved me of some of my teaching duties. The School of Social Science at the Institute for Advanced Study offered a membership and the Friends of the Institute for Advanced Studies supported me in 2008–2009, during which time the first and fourth chapters of this book were starting to form. Once again due to Stefan Gosepath's efforts, Projekt Justitia Amplificata at Goethe Universität, Frankfurt, invited me to be a Visiting Fellow and to reside at the Forschungskolleg Humanwissenschaften in Bad Homburg during the summers of 2010 and 2011 and to be a Senior Fellow, again with residence at the Forschungskolleg during the year of 2012–2013, when this book was finished. At both the Institute for Advanced Study and the Forschungskolleg Humanwissenschaften I was aided immensely by very

helpful staff, especially by Kirstie Venanzi and Donne Petito at the Institute for Advanced Study and Andreas Reichardt, Ingrid Rudolph, and Beate Sutterlüty at the Forschungskolleg. Andreas saved me a great deal of time by getting books for me from the library in Frankfurt. This book would probably not have been written were it not for the support of these institutions and the people who make a difference within them. I am deeply grateful for their help.

More people than I can remember, I am afraid, have spoken to me about this project. My thinking about it has improved as a result. For the conversations that I have had, and the comments that I have received, I am thankful to all of you. Here is a partial list to those who have helped in this way, with apologies for my failing memory to many people who should also be on the list: Danielle Allen, Robin Attfield, Paul Baer, Gillian Brock, Daniel Callies, Simon Caney, Marion Carlson, Thomas Christiano, Diarmuid Costello, Thomas P. Crocker, Julian Culp, Timothy Diette, Freeman Dyson, Maria Paola Ferretti, Rainer Forst, Josef Früchtl, Stephen M. Gardiner, Stefan Gosepath, Carol Gould, Andrew Greetis, Klaus Günther, Nicole Hassoun, Meghan Helsel, Michael Howard, Aaron James, Dale Jamieson, Ania Karnein, Sivan Kartha, Robert Keohane, Donald Kraemer, David Lefkowitz, Hennie Lötter, Eric Maskin, Michael Pendlebury, Henry S. Richardson, Lynn Russell, Axel Schafer, Nancy Schrauber, Martin Seel, Peter Singer, Angela M. Smith, Robert H. Socolow, Richard C.I. Somerville, Steve Vanderheiden, Paul Voice, and Michael Walzer. I am especially grateful to the extensive comments on the entire manuscript from Henry Shue, Mary Tijattas, and an anonymous reviewer for Cambridge University Press.

I have also profited immensely from sharing my ideas with audience members at class presentations, conferences, and talks given at various institutions. In the world of academic philosophy we often learn from strangers. I would like to express my thanks to the organizers and audiences of such presentations at the American Philosophical Association Central Division meeting, Arizona State University, Bennington College, Columbia University, the Forschungskolleg Humanwissenschaften, the Freie Universität Berlin, Georgetown University, the Institute for Advanced Study, the International Association for the Philosophy of Law and Social Philosophy, Johann Wolfgang Goethe-Universität Frankfurt am Main, McGill University, the North American Society for Social Philosophy, North Carolina State University, Oxford University, Rhodes University, San Diego City College, Technische Universität Darmstadt, the University of Colorado, Universität Kassel, the University of Pennsylvania, the University of Richmond, and Washington and Lee University.

I am thankful to my students at SDSU, both undergraduate and graduate, who discussed some of these ideas with me in courses on climate change and morality, environmental ethics, global justice, and the value of biodiversity. Having the opportunity to discuss some of this material with you has helped my research tremendously. And I am very grateful to Daniel Callies for his invaluable research assistance, copyediting help, and indexing.

Chapter 1 grew out of my "A Normative Account of Dangerous Climate Change," *Climatic Change* 108 (2011): 57–72. Chapter 2 builds on my "A Right to Sustainable Development," *The Monist* 94 (2011): 433–452. The Afterword was first published in *Dissent* online, October 31, 2012. I am grateful to the publishers for permission to use the earlier published material.

Finally, my deepest gratitude goes to my family, Bonnie and Marino Friedmann, who are always there for me and who keep me going.

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Introduction

Our world is beset with several pressing problems, including war, intolerance, poverty, and climate change. The theme of this book takes up the last two items on this bleak list. It should be scandalous that nearly half the world's population lives in desperate poverty, especially while many lavish in such plenty. And the fact that despite the formation of the 1992 United Nations Framework Convention on Climate Change (hereafter "UNFCCC" for the institution and "the Convention" for the treaty), globally we continue to emit more CO₂ each year, even as we become more aware of the harmful effects of doing so, is evidence of an enormous collective failure. This book takes the problem of global poverty to be central to climate change policy. In so doing, it rejects the approach of many attempts that address the problem of climate change in isolation. Some even make a virtue out of doing so. I take that to be a grave moral mistake.

Some analysts of climate change policy contend that an international climate change agreement should be oriented only around the values of efficacy and efficiency. Claims of equity, fairness, and poverty eradication are sometimes rejected as redistributive and as poison to the process of reaching a climate change agreement, because redistribution would render an agreement counter to the interests of highly developed states. Two considerations tell against this view. First, from the beginning of the international discussions on climate change it has been clear that climate change mitigation was one important aim, but not the only one. That aim has always been accompanied by a concern that poverty-eradicating human development be continued – that a climate change regime not establish hurdles to this developmental aim. International climate negotiations are not simply about climate change;

¹ This position is defended by Eric A. Posner and David Weisbach in *Climate Change Justice* (Princeton: Princeton University Press, 2010), pp. 79–88.

they are also about a fair framework for energy consumption, which is necessary for states seeking to eradicate poverty within their borders. This point is too often missed, and not only by writers who cannot see beyond the value of efficiency. Even writers who take the negotiations to be concerned with multiple problems can be blind to the importance that regulating access to energy for poverty-eradication purposes plays in the negotiations.² Any proposal regarding mitigation and adaptation that does not take into account the broader objective of poverty eradication will be insensitive to a fundamentally important feature of the context of climate change negotiations, namely a fair framework for energy consumption. Second, it is false that an international regime that assigns responsibility to states simply with the goal of achieving efficiency would be especially likely to generate broad agreement. If such a regime did not protect the claims of states to pursue human development, it would not find adequate support among least developed and developing states.³

The Convention is the first comprehensive international attempt to pull together concerned states for the purpose of avoiding dangerous climate change. The Kyoto Protocol was written, and annual Conferences of the Parties (COPs) occur, under the auspices of the UNFCCC. The COPs are large and unwieldy affairs. And because the UNFCCC has been ineffective in producing a comprehensive climate change agreement, it has come under criticism as the wrong place to expect progress on climate change.⁴ Although it is important to consider these criticisms carefully, critics of the UNFCCC often overlook one of its important features. The language of the treaty is a rich source of norms and principles for guiding future deliberations and action to mitigate and adapt to climate change. This book takes these norms seriously because they provide guidance for international deliberations

Robert Keohane and David Victor identify four problems that climate change negotiations seek to address, and access to energy for purposes of eradicating poverty is not on the list. See Robert O. Keohane and David G. Victor, "The Regime Complex for Climate Change," Perspective on Politics 9 (2011): 13. For an example of a proposal based not on efficiency but on a narrow conception of justice in the distribution of emissions without responding to the importance of energy for human development, see Lukas H. Meyer and Dominic Roser, "Distributive Justice and Climate Change. The Allocation of Emission Rights," Analyse & Kritik 2 (2006): 223–249. Approaches like this are criticized in Simon Caney, "Just Emissions," Philosophy and Public Affairs 40 (2012): 255–300.

This point is a central theme of, and well defended in, J. Timmons Roberts and Bradley C. Parks, A Climate of Injustice: Global Inequality, North-South Politics, and Climate Policy (Cambridge, MA: The MIT Press, 2007).

⁺ See David G. Victor, Global Warming Gridlock: Creating more effective strategies for protecting the planet (Cambridge: Cambridge University Press, 2011), Chapter 7.

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by taking some discussions off the table and by directing the ambition of proposals made in international negotiations. Without these norms parties would have either to revisit the question of the aims of the negotiations each time they met or to tolerate discussions and proposals based on fundamental differences of value.⁵ This would surely handicap and prolong the negotiating process. Whatever the weaknesses of the UNFCCC project – and there are many – the norms and principles contained in the document are important for facilitating appropriate agreement, and this book offers interpretations and defenses of several of them.

This is a book about climate change policy written by a political and moral philosopher. It assumes that the development of policy should be based, among other things, on what is important to promote and protect. Considerations of what we should promote and protect take us straight to a discussion of values. And the study of values is the bread and butter of political and moral philosophy. Climate change and climate change policy raise several important questions of value. What sort of climate change policy do we owe the poor of the world who are particularly vulnerable to climate change? Why should our generation take on the burden of mitigating climate change that is caused, in no small part, by emissions from people now dead? What value is lost when natural species go extinct, as they may well do en masse as a result of climate change? Understanding both the context in which these questions arise and what might count as good answers to them requires also understanding some of what natural scientists and economists have to say about climate change. I have no special expertise in these fields, but I have sought to read and understand the literature, not to pass judgment on debates where I have no expertise but to understand questions (and their possible answers) such as those that I just mentioned. 6 In discussions of values, moral and political philosophers can play a crucial role. With some luck, our education and experience provide us with intellectual tools that can help clarify what is at stake in discussions of values, where arguments have gone awry, and ultimately what we should do.

Professional philosophers, like many other academics, tend to write mostly for their peers in the profession. It is by means of reading and thinking hard about each other's papers that we come to understand better the questions

On "sticky" principles, see Roberts and Park, A Climate of Injustice, pp. 222–223. They draw on Robert Keohane's argument about "agreement-facilitating effects of the information provided" by principles, rules, and regimes. See Robert Keohane, After Hegemony: Cooperation and discord in the World Political Economy (Princeton: Princeton University Press, 1984), p. 102.

Only the Report of the First Working Group of the Intergovernmental Panel on Climate Change's Fifth Assessment Report was published at the time of this writing; so I relied on that and the Fourth Assessment Report.

and possible answers that animate our discipline. We hope that we are getting closer to the truth of an issue and we believe that the discipline advances by means of this activity. Often these discussions get technical very quickly, and typically they require an understanding of the dialectical context that must be built up by a great deal of background reading.

Climate change policy, however, will not be made by philosophers. It will be made by diplomats and lawmakers and in response, at least in part, to their understanding of the issues, the advice that they receive from policy analysts, and the political pressure they come under from their citizenry. One of the convictions that motivated me in the writing of this book is that moral and political philosophers have important tools to help in making sense of what is at stake in climate change policy. But if that is the case, and if we hope to advance understanding and improve policy in this regard, we had better try sometimes to present our views in a way that is understandable to people outside of the professional discipline, who might care to listen to what we have to say. This book is such an attempt. It takes up climate change not first and foremost as a philosophical problem of interest only to advanced students of the discipline, but as a public problem on which philosophy can shed some light. My hope is that the book will be of interest to non-philosophers. and especially to people who come to it because of an interest in climate change policy. This includes researchers and students of climate policy but also many others who seek a sharper understanding of the values at stake in climate change and climate change policy. But I hope that the book will also be of interest to philosophers and students of philosophy, because as more philosophers have taken up the topic of climate change, important debates are beginning within the discipline.⁷

The discipline of philosophy has various names for the kind of enterprise undertaken in this book. It is sometimes called *applied ethics* or perhaps *applied political philosophy*. This, I think, is not a very good name for what I have tried to do, given that, for the most part, I am not interested in the problems of applying principles that have been justified elsewhere at some higher level of abstraction. In one of his many books, the legal philosopher Ronald Dworkin described what he was doing as philosophy from the inside out.

Important recent books by philosophers include Stephen M. Gardiner, Simon Caney, Dale Jamieson, and Henry Shue, Climate Ethics: Essential Readings (Oxford: Oxford University Press, 2010); Stephen M. Gardiner, A Perfect Moral Storm: The Ethical Tragedy of Climate Change (Oxford: Oxford University Press, 2011); Dale Jamieson, Reason in a Dark Time: Why the Struggle Against Climate Change Failed and What It Means for Our Future (Oxford: Oxford University Press, 2014); and Henry Shue, Climate Justice: Vulnerability and Protection (Oxford: Oxford University Press, 2014).

Introduction

Rather than applying independently justified principles, he sought to advance philosophical understanding by looking at the problems and the practice first. Better than applied ethics is, I think, practical ethics — or, more broadly, practical philosophy because this drops the connotation of applying a principle justified elsewhere. But whereas the first seems too narrow, because ethics is often construed to focus only on individual action, the latter is too broad, as practical philosophy can include all of moral philosophy.

The name that I believe fits best draws from the tradition of pragmatism in philosophy, namely *public philosophy*. This name conveys, I think, the idea that there is an attempt to talk about something of profound public importance, and to do so to an audience that is broader than only academic philosophers. If this book is a piece of public philosophy, readers will have to decide whether it successfully manages to talk about something that it is important to the public and to an audience that includes nonprofessional philosophers, in addition to addressing advanced students of the discipline.

The goal of climate change mitigation is widely regarded as the avoidance of dangerous climate change. But the efforts of natural and social scientists to provide an account of dangerous climate change have fallen wide of the mark. Chapter 1 takes up this topic. I use what I call the personal analogy to show that dangerous action is not a matter of risks alone, but a matter of whether conduct is too risky in light of one's values. Danger is then necessarily a normative concept, which picks out what is too risky and therefore ought to be avoided. In the context of climate change, judging what we have reason to avoid requires paving attention to three categories of reasons: the reasons that people in the future will have that we mitigate; the reasons the people presently have to consume energy to fuel poverty eradicating human development; and the reasons that people in the future will also have that we consume energy for human development. These three categories of reasons are important in subsequent discussions in the book. I argue that the relevant norm for identifying climate change is moral, and that we can adjudicate between the three kinds of reasons just mentioned by considering what respect for human dignity requires. This is the basis for my defense of what I call the antipoverty principle, which directs our attention to what we should avoid:

Policies and institutions should not impose any of costs of climate change or climate change policy (such as mitigation and adaptation) on the global poor, of the present or future generations, when those costs make the prospects

⁸ Ronald Dworkin, Life's Dominion: An Argument about Abortion, Euthanasia, and Individual Freedom (New York: Vintage Books, 1994), p. 20.

for poverty eradication worse than they would be absent them, if there are alternative policies that would prevent the poor from assuming those costs.

The danger that climate change poses to humans surely does not exhaust its dangers. Climate change could well produce mass extinctions of species, with estimates ranging from 30 percent to 70 percent of existing species. This would be a terrible loss that we should want to avoid. But the reasons for this are not the same as the reasons to avoid the prolongation of poverty. It is implausible that plant and animal species should be characterized as possessing dignity. Indeed, when one thinks about the kinds of things species are, namely closed gene pools, it might seem puzzling why they are even valuable. Chapter 2 argues that species possess presumptively high economic value. But that is not the whole of the story. This chapter introduces an idea I call the normative gap, which is the logical gap between recognizing something as being good or having a good and being under duty to the thing in virtue of this good. The normative gap explains why an argument for a moral duty to an organism cannot be derived from the claim that organism has a good. By enlisting the writings of the unfortunately neglected art historian and naturalist. John C. Van Dyke, the chapter also argues that organisms possess aesthetic value, the loss of which is something we have reason to avoid. Species loss is the final loss of aesthetically valuable organisms comprising the species.

One striking feature about climate change is just how much of the fore-casting is riddled with uncertainty. Chapter 3 distinguishes between risk and uncertainty and also distinguishes between different sources of uncertainty: epistemic and moral. I defend a precautionary approach to climate change policy based on the rule of thumb called *the minimax rule* for deliberation in specific conditions of uncertainty, and I argue that those conditions apply in the case of climate change. The minimax rule supports a precautionary approach to climate change policy. In the context of climate change, uncertainty about grave outcomes adds to the reasons for mitigation. In this chapter I also introduce what I call *the psychological fallacy*, which occurs when one uses psychological dispositions, such as being risk averse, as models for the kinds of reasons appropriate for the justification of public policy.

Because of the long residence time of CO₂ in the atmosphere and the thermal inertia of the oceans, the CO₂ we emit today will probably have effects for hundreds, if not thousands, of years. This requires us to think in longer terms than we are accustomed. Standard approaches to long-term planning in economics seek to optimize intergenerational consumption discounted according to a social discount rate. Such a discount rate is also used when calculating the future costs of climate change. Disagreement exists