

Cambridge University Press

978-1-107-00228-9 - Climate Policy Foundations: Science and Economics with Lessons from Monetary Regulation

William C. Whitesell

Table of Contents

[More information](#)

Contents

<i>List of Figures and Tables</i>	page viii
<i>Acknowledgments</i>	ix
Introduction	1
PART ONE EARTH'S CLIMATE HISTORY AND OUTLOOK	9
1. Salient Events of Climate History	11
2. Human and Climate Interactions	35
3. Greenhouse Gases	55
4. Emitting Economic Sectors	64
5. Forecasts of GHG Emissions and Global Temperatures	82
6. Potential Impacts of Climate Change	96
PART TWO CLIMATE POLICY CHOICES	111
7. Climate Policy Goals	113
8. Policy Mandates and Market-Based Instruments	135
9. The Design of Cap-and-Trade Programs	157
10. Prices, Quantities, and Lessons from Monetary Policy	178
11. The Outlook for Climate Policies	206
<i>Appendix: Discount Rates in Climate Analysis</i>	225
<i>References</i>	229
<i>Index</i>	241