

# Contents

<i>Preface</i>	page ix
<i>Acknowledgments</i>	xiii
<b>1 An introduction to the climate problem</b>	1
<b>2 Is the climate changing?</b>	17
<b>3 Radiation and energy balance</b>	38
<b>4 A simple climate model</b>	52
<b>5 The carbon cycle</b>	67
<b>6 Forcing, feedbacks, and climate sensitivity</b>	90
<b>7 Why is the climate changing?</b>	112
<b>8 Predictions of future climate change</b>	127
<b>9 Impacts of climate change</b>	144
<b>10 Exponential growth</b>	162
<b>11 Fundamentals of climate change policy</b>	178
<b>12 Mitigation policies</b>	197
<b>13 A brief history of climate science and politics</b>	211
<b>14 Putting it together: A long-term policy to address climate change</b>	232
<i>References</i>	249
<i>Index</i>	253