

# THE ROUTLEDGE HANDBOOK OF DEMOCRACY AND SUSTAINABILITY

*Edited by*

*Basil Bornemann, Henrike Knappe and Patrizia Nanz*

 **Routledge**  
Taylor & Francis Group  
LONDON AND NEW YORK

**earthscan**  
from Routledge

# CONTENTS

<i>List of illustrations</i>	<i>ix</i>
<i>List of contributors</i>	<i>x</i>
1 General introduction: democracy and sustainability <i>Basil Bornemann, Henrike Knappe and Patrizia Nanz</i>	1
<b>PART I</b>	
<b>Origins and developments</b>	<b>19</b>
2 Origins and developments of democratic thinking and practice <i>Felix Heidenreich</i>	21
3 Sustainable development: between reformist change and radical transformation <i>Susan Baker</i>	35
4 Democracy and sustainability: an evolving relationship <i>Manuel Arias-Maldonado</i>	51
<b>PART II</b>	
<b>Theories and concepts</b>	<b>67</b>
5 Inclusion, participation and future generations <i>Maija Setälä</i>	69
6 Political representation and sustainable futures <i>Henrike Knappe</i>	83

7	Deliberation and sustainability: from policy instrument to emancipation <i>Marit Hammond and Graham Smith</i>	96
8	Temporality and democratic sustainability <i>Rosine Kelz, Henrike Knappe and Alexander Neupert-Doppler</i>	107
9	Sustainability, democracy and the value of freedom <i>Marcel Wissenburg</i>	121
10	Sustainability, well-being and justice <i>Paul Burger and Marius Christen</i>	135
<b>PART III</b>		
	<b>Structures and dynamics</b>	<b>151</b>
11	Escalating side effects: the transformation of modern society through processes of cosmopolitanization, acceleration and increasing global risks <i>Ulrich Beck and Hartmut Rosa</i>	153
12	Capitalism, consumerism and democracy in contemporary societies <i>Karl-Michael Brunner, Michael Jonas and Beate Littig</i>	163
13	Power and democracy in the transition to sustainability <i>Lena Partzsch</i>	178
14	Postsecularity and sustainable development <i>Jens Köhrsen</i>	189
<b>PART IV</b>		
	<b>Actors and governance contexts</b>	<b>205</b>
15	The modern state and sustainability: challenges to governance <i>Daniel Fiorino</i>	207
16	Corporate power and the shaping of sustainability governance <i>Doris Fuchs and Sophie Dolinga</i>	222
17	Democracy beyond the state: non-state actors and the legitimacy of climate governance <i>Jens Marquardt and Karin Bäckstrand</i>	237
18	Global governance and democracy: aligning procedural and substantive accounts? <i>Magdalena Bexell</i>	254

## Contents

19	Urban sustainability and (post-)democracy: policies, practices and movements <i>Marit Rosol and Vincent Béal</i>	267
20	Science and democracy: partners for sustainability? <i>Jennifer S. Bansard and Sandra van der Hel</i>	283
<b>PART V</b>		
	<b>Issues and policy areas</b>	<b>299</b>
21	Climate change and green democratic transformations <i>Amanda Machin</i>	301
22	Biodiversity conservation and the role of democracy <i>Stefan Ewert and Susanne Stoll-Kleemann</i>	313
23	Gendered pathways of democracy to sustainability <i>Philippe Doneys and Bernadette P. Resurrección</i>	328
24	Migration and mobility: environmental, social and political dimensions <i>Katrin Sontag</i>	339
25	Food sustainability and food democracy: exploring the links <i>Basil Bornemann</i>	350
26	Health and human rights <i>Markus Sperl, Anna Holzscheiter and Thurid Bahr</i>	368
<b>PART VI</b>		
	<b>Innovations and experiments</b>	<b>385</b>
27	Behavioral economics and nudging: assessing the democratic quality of sustainable behavior change agendas <i>Tobias Gumbert</i>	387
28	Collaborative consumption: a mechanism for sustainability and democracy? <i>Anna Davies</i>	401
29	Socio-environmental movements as democratizing agents <i>Viviana Asara</i>	413

<b>PART VII</b>	
<b>Challenges and perspectives</b>	<b>429</b>
30 Sustainable development and regime type: what can we learn from a comparison of democracies and autocracies? <i>Stefan Würster</i>	431
31 Democratic governance and environmental sustainability: engaging the technocratic challenge deliberatively <i>Frank Fischer</i>	447
32 Reframing the Anthropocene: democratic challenges and openings for sustainability <i>Ayşem Mert and Jens Marquardt</i>	461
33 Post–democracy and post–sustainability <i>Ingolfur Blühdorn</i>	476
34 Structural irresponsibility: politics of an imperfect future <i>Barbara Adam</i>	495
<i>Index</i>	507

# ILLUSTRATIONS

## Figures

10.1	Eudemonic item battery for well-being/quality of life	139
10.2	Nussbaum's capability list (1999)	141
17.1	Research on non-state actor involvement in climate governance	241
30.1	Sustainability Instruments in Democracies	440

## Tables

13.1	Power and responsibility for change	179
17.1	Five dimensions of the democratic values approach	240
25.1	Relating dimensions of democratic legitimacy with sustainability dimensions	362