

## Contents

<i>List of Figures</i>	<i>page</i> vii
<i>List of Tables</i>	ix
<i>List of Contributors</i>	xi
<b>Introduction: Sustainable Development, International Aviation, and Treaty Implementation</b>	1
<i>Armand de Mestral, Peter Paul Fitzgerald, and Md Tanveer Ahmad</i>	
<b>PART I CURRENT STATUS OF GLOBAL AVIATION AND SUSTAINABLE DEVELOPMENT</b>	15
<b>1 Technology Developments and Renewable Fuels for Sustainable Aviation</b>	17
<i>David W. Zingg and Ömer L. Gülder</i>	
<b>2 Global Civil Aviation Emissions Standards: From Noise to Greener Fuels</b>	32
<i>Md Tanveer Ahmad</i>	
<b>3 Sustainable Flight Management and Aviation</b>	47
<i>Peter Paul Fitzgerald and Md Tanveer Ahmad</i>	
<b>4 Environmental Sustainability Measures for Airports</b>	62
<i>Maha Mousavi Sameh and Juliana Scavuzzi dos Santos</i>	
<b>PART II REGIONAL AVIATION ISSUES</b>	81
<b>5 Sustainable Development and Emission Trading: The EU Perspective</b>	83
<i>Markus W. Gehring and Cairo Robb</i>	

vi	<i>Contents</i>	
6	<b>Exporting Environmental Values through Open Skies: The Case of the European Union</b>	108
	<i>Kuan-Wei (David) Chen</i>	
7	<b>Aviation and Sustainable Development: Some Perspectives from the Asia-Pacific</b>	133
	<i>Jae Woon Lee, Benoît Mayer, and Joseph Wheeler</i>	
8	<b>Sustainable Aviation and the Transfer of Environmentally Sound Technologies to Africa: Paradoxes, Barriers, and Prospects</b>	154
	<i>Damilola S. Olawuyi</i>	
9	<b>Sustainable Tourism and the Impact of Climate Change on the Caribbean</b>	175
	<i>Nicole Gonzales</i>	
	<b>PART III DISPUTE SETTLEMENT</b>	197
10	<b>Settlement of Disputes at the ICAO and Sustainable Development</b>	199
	<i>Armand de Mestral</i>	
11	<b>International Civil Aviation and Sustainable Development: The Application of WTO Law</b>	215
	<i>Emilie Conway and Armand de Mestral</i>	
	<b>PART IV FUTURE DIRECTIONS</b>	245
12	<b>Getting to Global Cooperation: The ICAO and Climate Change</b>	247
	<i>Alejandro Piera</i>	
13	<b>Seeking Global Environmental Harmony in Aviation</b>	282
	<i>Peter Paul Fitzgerald</i>	
14	<b>Inspirations from Sustainable Maritime Development</b>	298
	<i>Jeffrey J. Smith</i>	
15	<b>Corporate Social Responsibility in the Aviation Industry</b>	312
	<i>Peter Paul Fitzgerald and René David-Cooper</i>	
	<b>Conclusion: Reflections on the ICAO, Sovereignty, and Supra-State Governance</b>	344
	<i>Brian F. Havel</i>	
	<i>Index</i>	359