
Contents

<i>List of figures</i>	x
<i>List of tables</i>	xi
<i>List of boxes</i>	xiii
<i>List of contributors</i>	xiv
<i>Acknowledgements</i>	xxii
1 Introduction to the <i>Handbook of Innovation for Sustainable Tourism</i> <i>Irma Booyens and Patrick Brouder</i>	1
PART I SYSTEMS CHANGE AND TECHNOLOGY FOR TOURISM SUSTAINABILITY	
2 'Leave no one behind': towards sustainable innovations in tourism development <i>Jarkko Saarinen</i>	21
3 Sustainable innovation in the global airline industry <i>Keith Debbage and Neil Debbage</i>	40
4 Innovative Internet of Things (IoT) for sustainable tourism <i>Anna Marie Dyhr Ulrich, Kati Reino and Anne-Mette Hjalager</i>	61
5 Towards an evolutionary approach to sustainability transitions in tourism <i>Piotr Niewiadomski and Patrick Brouder</i>	82
PART II INNOVATION FOR DESTINATION AND REGIONAL SUSTAINABILITY	
6 Innovation for sustainable destinations: the role of certification and partnership <i>Dorthe Eide and Hindertje Hoarau-Heemstra</i>	112
7 Towards sustainable tourism through lab-driven innovations: a systematic literature review <i>Olga Høegh-Guldberg, Dorthe Eide and Yati Yati</i>	140

8	Innovation, wine tourism, and sustainable winegrowing in cool climate regions: a longitudinal international comparative analysis <i>Tim Baird, C. Michael Hall, Pavel Castka and Haywantee Ramkissoon</i>	167
PART III SOCIAL DIMENSIONS OF INNOVATION VIS-À-VIS TOURISM SUSTAINABILITY		
9	Social innovation for sustainable tourism development <i>Irma Booyens</i>	193
10	Grassroots innovation in justice tourism: posthumanist insights from the Sahrawi refugee camps of Western Sahara <i>Jaume Guia, Suchi Smita Mahato, Shima Ahmadi and Sil van de Velde</i>	210
11	Sustainable adventure tourism employment in practice: the case of Stormsriver Adventures in South Africa <i>Julia Kathryn Giddy</i>	230
12	Social media influencers and tourism sustainability: the good, the irritating, and the desperate <i>Konstantinos Tomazos</i>	250
13	Applying an historical approach to innovation and tourism: the 'international hotel' in apartheid South Africa <i>Christian M. Rogerson</i>	274
PART IV INNOVATIVE APPROACHES FOR SUSTAINABLE TOURISM		
14	Innovating towards a critical reflexive approach to political ecology for ecological justice and sustainable tourism <i>Llewellyn Leonard</i>	293
15	Undertaking research among marginalised tourism communities in Kenya: an important methodological lesson <i>Pratima Sambajee, Ann Ndiuini, Peter Mutinda Masila, Damiannah Kieti, Tom Baum, Rita Wairimu Nthiga, Jonathan Plimo Ng'oriarita and Ezekiel Ondabu Kiage</i>	310
16	Innovation for enhancing heritage tourism at the Cape Coast Castle, Ghana <i>David Ania Ayiine-Etigo</i>	330

17	Integrating innovative digital technologies into use assessment of parks and protected areas in North America <i>Monir Shahzeidi, Farhad Moghimehfar, Garrett Stone and Jesse Miller</i>	347
	<i>Index</i>	361