
Contents

<i>List of contributors</i>	x
1 Introduction to the <i>Handbook on Managing Nature-Based Tourism Destinations amid Climate Change</i> <i>Ante Mandić, Anna Spenceley and David A. Fennell</i>	1
PART I MONITORING AND MEASURING NBT-RELATED EMISSIONS	
2 Evaluation of climatic comfort indices in the nature-based tourism destinations of Turkey <i>Faize Sarış, Mehmet Şeremet and Furkan Gedik</i>	13
3 Advancing climate change response: the pivotal role of the International Network of Sustainable Tourism Observatories <i>Izidora Marković Vukadin, Hrvoje Carić and Leona Matotek</i>	30
4 Measuring and managing the Invisible Burden of Tourism on Block Island, Rhode Island <i>Nicole Wargo, Megan Epler Wood and O'Shannon Burns</i>	45
5 Monitoring of shoreline changes and their implications for tourism: the case of the Litoral Norte Natural Park (Esposende, Portugal) <i>António Avelino Batista Vieira, António José Bento-Gonçalves, Jorge Novais, Sara Catarina Gomes da Silva, Saulo de Oliveira Folharini and Tiago Alexandre Ribeiro Marques</i>	70
PART II ACCELERATING DECARBONISATION IN NBT	
6 Decarbonisation in nature-based tourism: the shifting paradigm in the ASEAN region <i>Nagathisen Katahenggam, Thanam Subramaniam, Jeetesh Kumar and Kei Wei Chia</i>	89
7 The role of public policy in accelerating the decarbonisation of the tourism industry <i>Mira Zovko</i>	102
8 Responses to climate change in Alpine ski destinations <i>Lucas Berard-Chenu, Hugues François and Emmanuelle George</i>	121
9 Towards decarbonisation plans for ski tourism: examples from the Swiss and French Alps <i>Emmanuel Salim, Tristan Loloum and Anouk Bonnemains</i>	136

10	Accelerating decarbonisation in nature-based tourism <i>Susanne Etti</i>	150
----	---	-----

PART III INSPIRING ECOSYSTEM REGENERATION IN NB DESTINATIONS

11	Integrating climate change adaptation into coastal tourism planning and management: the case of the Makarska Riviera, Croatia <i>Lidija Petrić and Martina Baučić</i>	163
12	Preparedness and response to climate change in a nature-based tourism destination: an exploratory case study of Banks Peninsula, New Zealand <i>Asif Hussain</i>	183
13	The dependency on private car use for nature-based tourism – an inescapable practice, or potential for change? <i>Eivind Farstad and Jan Vidar Haukeland</i>	202
14	Revitalizing ecosystems in nature-based tourist sites: a case study of Pichavaram Mangroves, Tamil Nadu, India <i>Freeda Maria Swarna M and Shaheed Khan</i>	222
15	Business Purpose Canvas: stimulating regenerative tourism practice through redefining business purpose <i>Lauren Verheijen, Ko Koens, Jeroen Klijs, Jasper Heslinga and Bert Smit</i>	245
16	Scaling nature-based solutions through regenerative tourism <i>Chloe King and O'Shannon Burns</i>	259

PART IV FOSTERING COLLABORATION BETWEEN CRITICAL STAKEHOLDERS IN NB DESTINATIONS

17	Using living labs to raise awareness and foster collaboration for a nature-based destination in the urban periphery <i>Donagh Horgan, Iris Kerst and Ko Koens</i>	289
18	Indigenous tourism through cultural participation for climate change mitigation: learning wisdom of nature and sustainability from the Anishinaabek <i>Ho Hon Leung, William Morin, Artie Ng, Lap K. IU and Hoi F. Cheu</i>	305
19	Spatial and temporal patterns of nature-based tourism in East and Southern Africa over the COVID-19 pandemic period <i>Hugh J.W. Sturrock, Jonathan J. Smith, Michael Ngugi Kimani, Emmanuel Nkurunziza, Anna Spenceley, Derek de la Harpe, Holly T. Dublin, Richard Gauld, Jonathan Hutton and Neil D. Burgess</i>	322

PART V ENSURING FINANCIAL CAPACITIES TO MEET SHARED
GOALS IN NB DESTINATIONS

20	Options for financing nature-based tourism in Africa <i>Anna Spenceley</i>	332
21	Rebalancing the nature tourism value chain <i>Giles Davies</i>	347
22	Conclusion: navigating the future of nature-based tourism in a changing climate <i>Ante Mandić, Anna Spenceley and David A. Fennell</i>	365
	<i>Index</i>	372