

CONTENTS

<i>Figures and Tables</i>	xii
<i>Acknowledgements</i>	xiv
1 Introduction to Sustainability	1
Learning Outcomes	1
Introduction	1
Sustainable Development.....	2
Origins and rationale	2
Weak and strong categories of sustainability.....	4
Themes, principles and goals of sustainable tourism	4
Tourism and Sustainable Development	10
Fundamentals of the tourism industry	11
Consumption and consumerism	12
History of concern in tourism	16
Sustainable tourism.....	19
Structure and Conceptual Framework of the Book	26
Conceptual framework.....	26
Structure	28
Conclusion.....	30
2 Introduction to the Ecosphere.....	32
Learning Outcomes	32
Introduction	32
Natural Capital and Ecosystem Services	33
Natural capital.....	33
Ecosystem Services.....	34
General Issues	42
SDG 14: Life below water and SDG 15: life above land	42
Habitat loss	49
Invasive alien species	50

CONTENTS

Population growth	51
Pollution.....	52
Overharvesting.....	54
SDG 13: Climate action.....	55
SDG 6: Clean water and sanitation.....	58
SDG 7: Affordable and clean energy	61
Waste management.....	64
Biophilia.....	66
Conclusion.....	68
3 Introduction to the Noösphere	71
Learning Outcomes	71
Introduction	71
General Issues.....	72
SDG 1: No poverty.....	72
SDG 2: Zero hunger.....	75
SDG 3: Good health and wellbeing	78
SDG 4: Quality education	78
SDG 5: Gender equality and SDG 10: Reduced inequalities.....	80
SDG 8: Decent work and economic growth	82
SDG 9: Industry, innovation and infrastructure.....	84
SDG 11: Sustainable cities and communities.....	85
SDG 12: Responsible consumption and production.....	87
SDG 16: Peace, justice and strong institutions	90
SDG 17: Partnerships for the goals.....	92
Human Nature	93
Self-interest and altruism	94
Ethics	97
Values and attitudes	102
Pro-environmental behaviours	104
The environmental subject.....	106
Conclusion.....	107
4 Sustainable Tourism in Action.....	111
Learning Outcomes	111
Introduction	111
Criticisms of Sustainable Tourism.....	112
Implementation.....	114
Sustainability Concepts	116
The commons	117
Carrying capacity	120

CONTENTS

The precautionary principle.....	122
Regulation versus voluntary initiatives (codes of ethics)	124
Certification and ecolabels.....	125
Environmental management.....	129
Ecotourism	130
Sustainability Tools.....	131
From principles to indicators.....	131
Ecological footprint	135
Life cycle assessment	137
Auditing.....	138
Corporate social responsibility and reporting.....	139
Social-Ecological Systems Research	142
Technology, resiliency and transformation	143
Conclusion.....	146
 5 The Sustainable Destination	 150
Learning Outcomes	150
Introduction to the Sustainable Destination	150
Defining the Destination.....	151
The Notion of Inseparability.....	152
Cities	154
The Tourism Context.....	158
The Stakeholder Approach	160
The Network Gaze.....	161
Complex Systems	162
The Evolving Destination	167
Conclusion.....	170
 6 The Tourism Industry (1)	 175
Learning Outcomes	175
Hospitality	175
Introduction	175
Effective sustainable hospitality management.....	178
Maximize social and economic benefits to the local community and minimize negative impacts.....	185
Maximize benefits to the environment and minimize negative impacts.....	186
Transportation.....	188
Air travel	189
Surface travel.....	193
Water-borne transport	197

CONTENTS

Attractions and Events	202
Standards	202
Greenhouse gas emissions	202
Energy	203
Water	204
Waste	204
Environmental conservation and rescue	204
Community engagement	205
Sourcing and procurement	205
Conclusion	205
7 The Tourism Industry (2)	210
Learning Outcomes	210
Introduction	210
Food	211
Food production and the environment	211
Sustainable food systems	213
Food system models	214
Agritourism	216
Concepts and tools	217
Waste Management	224
Tools	230
Energy	230
Concepts and tools	233
Water	242
Tourism and water	244
Concepts and tools	246
Conclusion	251
8 Key Agencies and Influencers of Sustainable Tourism	255
Learning Outcomes	255
Introduction	255
Key Agencies	256
Introduction	256
Intergovernmental bodies	256
Non-governmental organizations: Pressure groups	261
Business and membership organizations	263
Public Sector Influencers: Policy for Sustainable Tourism	266
Introduction	266
Tourism policy for sustainable tourism	267

CONTENTS

Integrated tourism governance	269
The Influence of the Private Sector on Sustainable Tourism.....	271
Benefit corporations.....	272
Public–private partnerships.....	273
The Sustainable Citizen	276
Antecedents.....	276
Attitudes versus behaviour	277
Education and Communication Influencers	277
Education for sustainable tourism	278
Conclusion.....	280
9 Protected Areas, Ecotourism and Sustainability	286
Learning Outcomes	286
Introduction	286
Parks and Protected Areas.....	287
Protected area categories	288
World Heritage Sites	289
Tangible and intangible heritage	292
Geoparks	293
Governance in protected areas and tourism	294
Tourism concessions and partnerships.....	297
Sustainability, parks and tourism.....	298
Ecotourism	304
Community development.....	308
Stakeholders and participation	312
Conservation	315
Education.....	319
Ethics	320
Conclusion.....	323
10 Cross-Cutting Issues Impacting on Sustainable Tourism	331
Learning Outcomes	331
Climate Change.....	331
Introduction	331
Sustainable tourism: Addressing climate change.....	333
Towards a low-carbon energy tourism sector	337
Human Resources for Sustainable Tourism.....	338
Towards sustainable tourism human resources	339
Green jobs in tourism.....	341
Inclusivity, Gender and Ecofeminism	342

CONTENTS

Indigenous rights	343
Mobilities	346
Animals	348
Animal welfare and tourism	349
Tour operators and animal welfare	351
Sustainable wildlife tourism.....	354
Towards sustainable wildlife tourism	354
Conclusion	355
11 Sustainable Tourism Futures.....	358
Learning Outcomes	358
Introduction	358
The Drivers of Sustainable Tourism Futures.....	359
Demographic and social drivers of sustainable tourism futures	360
Political drivers of sustainable tourism futures	362
Science and the environmental drivers of sustainable tourism futures....	364
Technological drivers of sustainable tourism futures	367
The Response – Sustainable Tourism Futures	369
1. Tourism destination futures.....	369
2. Innovation for sustainable tourism futures	372
Scenarios of Sustainable Tourism Futures	374
Forum for the future scenarios to 2023	375
European Tourism Futures Institute scenarios to 2040.....	375
Northern Ireland's drivers scenarios to 2030.....	376
Conclusion	376
12 Conclusion	379
Introduction	379
Sustainable Tourism Research.....	380
Sustainable Tourism Practice.....	382
1. The Haliburton Forest & Wild Life Reserve, South-Central Ontario, Canada	382
2. Machu Picchu, Peru.....	383
3. Copenhagen, Denmark.....	383
4. Biosphere tourism and Skål International.....	384
5. The TreadRight Foundation.....	384
Contradictions	384
Ethics	385
<i>References.....</i>	389
<i>Index.....</i>	470