

# **TOURISM, RECREATION AND SUSTAINABILITY**

**Linking Culture  
and the Environment**

**Edited by**  
**Stephen E. McCool and R. Neil Moisey**



CABI

# **Tourism, Recreation and Sustainability**

---

## **Linking Culture and the Environment**

*Edited by*

**Stephen F. McCool**

*and*

**R. Neil Moisey**

*School of Forestry  
University of Montana  
Missoula  
Montana  
USA*

**CABI Publishing is a division of CAB International**

CABI Publishing  
CAB International  
Wallingford  
Oxon OX10 8DE  
UK

Tel: +44 (0)1491 832111  
Fax: +44 (0)1491 833508  
Email: [cabi@cabi.org](mailto:cabi@cabi.org)  
Web site: <http://www.cabi.org>

CABI Publishing  
10 E 40th Street  
Suite 3203  
New York, NY 10016  
USA

Tel: +1 212 481 7018  
Fax: +1 212 686 7993  
Email: [cabi-nao@cabi.org](mailto:cabi-nao@cabi.org)

© CAB International 2001. All rights reserved. No part of this publication may be reproduced in any form or by any means, electronically, mechanically, by photocopying, recording or otherwise, without the prior permission of the copyright owners.

A catalogue record for this book is available from the British Library, London, UK.

**Library of Congress Cataloging-in-Publication Data**

Tourism, recreation, and sustainability: linking culture and the environment / edited by Stephen F. McCool and R. Neil Moisey.

p. cm.

Includes bibliographical references.

ISBN 0-85199-505-5 (alk. paper)

1. Tourism. 2. Ecotourism. 3. Sustainable development. I. McCool, Stephen F. II. Moisey, R. Neil.

G155.A1 T59244 2001  
338.4'791--dc21

00-062130

**ISBN 0 85199 505 5**

Typeset by YHT Ltd

Printed and bound in the UK by Biddles Ltd, Guildford and King's Lynn

# Contents

---

<b>Contributors</b>	ix
<b>Preface</b>	xii
1 Introduction: Pathways and Pitfalls in the Search for Sustainable Tourism <i>S.F. McCool and R.N. Moisey</i>	1
<b>Section I Integrating Environmental and Social Concerns Over Tourism Development <i>S.F. McCool and R.N. Moisey</i></b>	17
2 The Role of Recreation Ecology in Sustainable Tourism and Ecotourism <i>Y.-F. Leung, J.L. Marion and F.A. Farrell</i>	21
3 Ecotourism and Nature-based Tourism: One End of the Tourism Opportunity Spectrum? <i>C.P. Dawson</i>	41
4 Sustainable Development and the Shifting Attitudes of Tourism Stakeholders: Toward a Dynamic Framework <i>D. Ioannides</i>	55
5 Community Forestry: Countering Excess Visitor Demands in England's National Parks <i>S. Evans</i>	77

6	Nature Preservation, Sense of Place and Sustainable Tourism: Can the 'Yellowstone Experience' Survive? <i>J.L. Meyer</i>	91
7	Responsible Tourism With Great Apes in Uganda <i>C. Litchfield</i>	105
<b>Section II Society, Recreation and Sustainable Tourism</b>		133
<i>S.F. McCool and R.N. Moisey</i>		
8	Community Perspectives in Sustainable Tourism: Lessons from Peru <i>R.E. Mitchell</i>	137
9	Sustainable Tourism: the Effect of Local Participation in Honduran Ecotourism Development <i>K. Horochowski and R.N. Moisey</i>	163
10	Self-developed Rural Tourism: a Method of Sustainable Tourism Development <i>J.B. Lewis</i>	177
11	Sense of Place as a Component of Sustainable Tourism Marketing <i>J.A. Walsh, U. Jamrozy and S.W. Burr</i>	195
12	Casinos, Communities and Sustainable Economic Development <i>B. Carmichael</i>	217
13	Expanding Sustainable Tourism's Conceptualization: Ecotourism, Volunteerism and Serious Leisure <i>S. Wearing and J. Neil</i>	233
<b>Section III Sustainable Tourism Development: Some Applications</b>		255
<i>S.F. McCool and R.N. Moisey</i>		
14	Evaluating Achievement of Sustainable Tourism Principles: the WWF Arctic Tourism Guidelines Initiative <i>M.E. Johnston and G.D. Twynam</i>	257
15	Ecotourism: a Theoretical Framework and an Indonesian Application <i>S. Ross and G. Wall</i>	271
16	The Perceptions of Tourists and Residents of Sustainable Tourism Principles and Environmental Initiatives <i>B.C. Kaae</i>	289

17	Tourism, Sustainability and the Social Milieux in Lake Superior's North Shore and Islands <i>R.J. Payne, M.E. Johnston and G.D. Twynam</i>	315
18	Sustainable Tourism in the 21st Century: Lessons From the Past; Challenges to Address <i>R.N. Moisey and S.F. McCool</i>	343
<b>Index</b>		<b>353</b>

# Index

---

- Alternative tourism 44, 59, 70, 178, 242, 244–249  
Authenticity 234
- Biodiversity 22, 235, 271, 274, 285, 319, 324  
Biosphere 320  
Brundtland report 1, 84, 177, 178, 196, 199, 290, 318, 320, 345
- Carrying capacity 9, 10, 13, 30, 33, 61, 64, 115  
Codes of conduct 32, 42, 196, 257–258, 259, 263, 264, 292, 321, 322  
Collaborative decision-making 62  
Community development 2, 4, 46, 111, 159, 166, 172, 178–180, 192, 199, 245, 249, 322  
Community involvement 107, 134, 139  
Conceptual framework 7, 34, 56, 64, 71, 218, 222, 235, 246  
Conceptual model 68  
Conflict 82, 210, 212, 335, 343  
    agendas 68
- between  
    constituencies 207  
    goals/objectives 9, 10, 18, 55, 57, 69, 78, 82, 94  
    land uses 339  
    policies 59, 96  
    recreation and conservation 77, 285  
    residents and tourists 10, 225  
    stakeholders 62  
    visitor groups 33, 285, 335  
meanings 4, 294, 344  
military 112, 114  
negotiations 72  
resolution 57
- Consensus 3, 50, 57, 73, 84, 134, 154, 178, 196, 211  
building 9, 11, 350  
conflict resolution 57  
    and meanings 3, 4, 41, 138
- Constraints 116, 292  
Cross-cultural 235  
Cultural tourism 284
- Denmark 260, 292, 293, 296, 310
- Ecology 2, 17, 21–34, 164, 170, 199, 205, 236, 324, 350

- Economic  
 development 1–3, 5–6, 12, 164–165, 177–181, 188, 191–193, 217–219, 221, 222, 225, 227, 228, 273, 352  
 growth 55–57, 68–70, 105, 164, 320  
 impacts 5, 188, 225, 286, 290  
 multiplier 160  
 opportunity 4–6, 9, 163, 178  
 policy 5  
 stability 141  
 value 135
- Ecosystem 2, 5, 33, 45, 46, 92, 93, 96, 99, 105, 110, 199, 229, 324–325, 347
- Employment 60, 81, 173, 179, 182, 184, 188, 191–192, 219, 284, 293, 339  
 indirect 160  
 local residents 10  
 poverty 173  
 in rural areas 137  
 tourism 190, 282, 316
- England 77–89
- Environmental protection 1, 55, 57, 65–67, 138
- Globalization 154, 156, 158, 220
- Green tourism 44, 61, 343
- Growth  
 control of tourism 58, 156  
 development 47, 56, 64, 143  
 economic 55–57, 68–69, 70, 105, 164, 219, 225, 320  
 personal 248  
 rate of growth for tourism 156, 217, 221, 273, 284  
 strategies for balanced 63  
 sustainable 320  
 urban 85
- Honduras 166, 172
- Host  
 community 41, 82, 87, 134–135, 164, 196, 197, 200, 202, 208, 211, 218, 222, 226, 233, 235, 245, 276, 334–335  
 country 244  
 destination 163  
 environment 60
- population 196  
 regions 21  
 society 139, 198, 205, 208, 211  
 and tourist interactions 221, 225, 228, 274
- Impacts  
 assessing 27, 31–32, 139, 224, 257  
 biophysical/environmental/  
 resource 4–6, 9, 17–18, 21–34, 41, 44, 57, 63, 82–83, 87–88, 92, 94, 97, 105, 108–111, 138, 145–148, 196, 204, 241, 257, 290, 296, 301, 317, 322, 323, 331, 334, 335–336, 350  
 social/cultural 4–5, 18, 41, 58, 69, 134, 138, 140, 145, 151, 155, 204, 208, 211, 218, 219, 220, 222, 228, 274, 282, 290, 296, 305, 307, 321, 350  
 Tourism impacts 22–23, 33, 140, 217, 301, 302, 305, 308
- Indicators 3, 5, 7, 8, 29, 30, 33, 48, 228, 257, 265, 293, 321, 324, 326, 338, 351
- Indigenous 63, 81, 87, 100, 103, 159, 259, 260, 263, 285
- Indonesia 272–275, 286–287
- Infrastructure 6, 22–23, 30–31, 48, 165, 172, 186, 219, 224, 226, 241, 282, 286, 291, 331, 346
- Intergenerational equity 2, 229
- Interpretation 51, 60, 86, 102, 207, 238, 239, 247, 263, 285
- IUCN 320, 325
- Lake Superior 315–317, 319, 326, 327, 334, 335, 337, 338
- Life cycle 56, 63, 68, 71, 73, 184, 222, 301
- Linkage 3, 11, 22, 179, 181
- Local involvement 139, 185, 204, 212, 285, 336–337
- Local participation 134, 139, 163–164, 291, 298
- Marketing 6, 42, 44, 61, 63, 70, 101, 129, 133–134, 143, 159, 164, 197–198, 202–211, 235, 246, 264, 298, 301, 305, 336

- Mass tourism 5, 23, 43, 69, 67, 70, 163, 235, 238, 240, 242  
Mediterranean 18, 56, 61, 64, 70–73  
Multiplier 225
- National parks 24, 28, 93, 97, 111, 113, 164, 238, 292, 337  
Natural environment 9, 18, 42, 49, 50, 57, 97, 164, 228, 235, 238–240, 242, 244–245, 248, 319, 336, 344  
Nature-based tourism 21–23, 33, 41, 40, 50, 135, 343
- OECD 241  
Opportunity Spectrum 18, 23, 41–51, 346, 349  
Overcrowding 70, 81
- Peru 137–160  
Place meanings 209  
Protected areas 6, 22, 23, 26, 28, 30, 78, 106, 130, 164–165, 168, 170, 201, 238, 249, 260, 275, 339  
Public participation 2, 3, 5, 9, 10, 11, 62, 133, 134, 140, 157, 191, 321, 347–349
- Rainforests 105, 236, 277, 278  
Resident attitudes 218–219 225, 228  
Responsible tourism 19, 43–44, 85–86, 105–107, 119, 121, 195, 238, 258, 260, 266, 343  
Rural tourism 164
- Seasonality 64, 228  
Self-determination 134
- Sense of place 12, 19, 92, 95–98, 102, 133, 134, 197–198, 206–212, 349  
Social capital 5, 134, 192  
Social equity 56, 83, 87, 134, 197, 199–202, 205, 211–212  
Social justice 55, 57  
Societal marketing 134, 197, 204–205, 211–212  
Societal values 78, 134  
Stakeholder(s) 18, 55, 56, 57, 61–68, 73, 88, 94, 131, 134, 155, 158, 165, 196–197, 201–202, 207, 210–211, 218, 228, 321, 325  
Sustainable development xi, 1, 2, 21, 41–43, 51, 55–73, 78, 84, 86, 87, 155, 163, 177–179, 193, 195, 201, 206, 220–222, 228–229, 241, 315, 319–320
- Tourism growth 63, 147, 217, 221, 284  
Tourism life cycle 184
- Uganda 19, 28, 105–122
- Visitor impacts 23, 26–33, 49, 82
- WCED 84, 196  
Wilderness 23, 48, 79, 91, 94, 100, 164, 315, 316, 317  
World Tourism Organization (WTO) 7, 32, 137, 141, 292, 295  
World Travel and Tourism Council (WTTC) 21, 33, 292
- Yellowstone 18, 91–103, 324