

CONTENTS

	Page
Acknowledgements	5
Tourism and recreation climatology. <i>A. Matzarakis, C. R. de Freitas, D. Scott</i>	6
Mapping the thermal bioclimate of Austria for health and recreation tourism. <i>A. Matzarakis, M. Zygmuntowski, E. Koch, E. Rudel</i>	10
A new generation climate index for tourism and recreation. <i>C. R. de Freitas, D. Scott and G. McBoyle</i>	19
Estimation and comparison of the hourly discomfort conditions along the Mediterranean basin for touristic purposes. <i>Ch. Balafoutis, D. Ivanova and T. Makrogiannis</i>	27
Weather and recreation at the Atlantic shore near Lisbon, Portugal: A study on applied local Climatology. <i>M. J. Alcoforado, H. Andrade and M.J. Viera Paulo</i>	38
Impact of Climate Change on Recreation and Tourism in Michigan. <i>S. Nicholls and C. Shih</i>	49
Climate change: The impact on tourism comfort at three Italian tourist sites. <i>M. Morabito, A. Crisci, G. Barcaioli and G. Maracchi</i>	56
Trends of thermal bioclimate and their application for tourism in Slovenia. <i>T. Cegnar and A. Matzarakis</i>	66
Variation and trends of thermal comfort at the Adriatic coast. <i>K. Zaninovic and A. Matzarakis</i>	74
The impacts of global climate change on water resources and tourism: The responses of Lake Balaton and Lake Tisza. <i>T. Rátz and I. Vizi</i>	82
Climate change and the ski industry in eastern north America: A reassessment. <i>D. Scott, G. McBoyle, B. Mills and A. Minogue</i>	90
Approaches to offsetting greenhouse gas emissions from tourism. <i>P. Hart, S. Becken, and I. Turney</i>	97
The Eco-efficiency of Tourism. <i>P. Peeters, S. Gössling, J.-P. Ceron, Gh. Dubois, T. Patterson and R. Richardson</i>	105
Methods of sensitivity analysis to assess impacts of climate change on tourism at the regional scale. <i>C. R. de Freitas</i>	116
Alternative futures for coastal and marine tourism in England and Wales. <i>M.C. Simpson and D. Viner</i>	123

Evaluation of the potential economic impacts of climate change on Caribbean tourism Industries. <i>M.C. Uyarra, I.M. Côte, J.A. Gill, R.R.T. Tinch, D. Viner and A.R. Watkinson</i>	134
Interactions between tourism, biodiversity and climate change in the coastal zone. <i>E. Coombes, A. P. Jones, W. Sutherland and I. J. Bateman</i>	141
The development prospects of Greek health tourism and the role of the bioclimate regime of Greece. <i>E. A. Didaskalou, P. Th. Nastos and A. Matzarakis</i>	149
The impact of hot weather conditions on tourism in Florence, Italy: The summer 2002-2003 experience. <i>M. Morabito, L. Cecchi, P. A. Modesti, A. Crisci, S. Orlandini, G. Maracchi, G. F. Gensini</i>	158
Managing weather risk during major sporting events: The use of weather derivatives. <i>S. Dawkins and H. Stern</i>	166
Sports tourism and climate variability. <i>A. Perry</i>	174
A developing operational system to support tourism activities in Tuscany region. <i>D. Grifoni, G. Messeri, M. Pasquol, A. Crisci, M. Morabito, B. Gozzini, G. Zipoli</i>	180
Visitor Motivation and dependence on the weather of recreationists in Viennese recreation areas. <i>Ch. Brandenburg, A. Matzarakis and A. Arnberger</i>	189
Tourism stakeholders' perspectives on climate change policy in New Zealand. <i>S. Becken and P. Hart</i>	198
Climate and the destination choices of German tourists: A segmentation approach. <i>J. M. Hamilton, D. J. Maddison and R. S. J. Tol</i>	207
Knowledge management for tourism, recreation and bioclimatology: Mapping the interactions (Part II). <i>T. Patterson</i>	215
Boat tourism and greenhouse gas emissions: contributions from downunder. <i>T. A. Byrnes and J. Warnken</i>	223
A bibliography of the tourism climatology field to 2004. <i>D. Scott, B. Jones and G. McBoyle</i>	236