

Contents

<i>List of Figures, Tables and Boxes</i>	<i>vii</i>
<i>Preface</i>	<i>xv</i>
<i>List of Abbreviations</i>	<i>xvii</i>
Introduction	1
1 Scales of Climatic Study	15
2 The Urban Energy Balance	27
3 The Urban Heat Island	67
4 Urban Air-Flow	85
5 The Energy Balance of a Human Being in an Urban Space	109
6 Thermal Preferences	125
7 Application of Climatology in Urban Planning and Design	141
8 Microclimate Design Strategies in Urban Space	145
9 Vegetation	165
10 Linear Space	189
11 Modelling the Urban Microclimate	209
12 Case Study 1: Neve Zin	231
13 Case Study 2: Clarke Quay	239
14 Glossary	251
<i>Index</i>	259