Contents

Preface

Chapter 1  The Structure of Urban Form: Conzenian and Caniggian Ideas ..... 1
  1.1 Research on Urban Form ............................................. 1
  1.2 Urban Morphology and Design Typology ............................. 2
  1.3 Urban Morphology of Chinese Cities ................................. 4
  1.4 Structure of the Book .................................................. 5
Notes and References ..................................................... 7

Chapter 2  British Urban Morphology: The Conzenian Tradition ............... 10
  2.1 The Antecedents of M. R. G. Conzen ................................ 10
  2.2 Conzen’s Ideas and their Influence ................................ 11
  2.3 Recent Research ...................................................... 14
  2.4 Conclusions ............................................................. 18
Notes and References ..................................................... 18

Chapter 3  How Cities Internalize their Former Urban Fringes: A Cross-Cultural Comparison .................................................. 20
  3.1 Discovery and Conceptualization of Fringe Belts ................... 21
  3.2 A Strategy for Comparative Study of Fringe Belts ................. 31
  3.3 Dynamics and Differentiation of Fringe-Belt Types ............... 36
  3.4 A Framework for Comparative Study ................................ 44
  3.5 Closing Remarks ....................................................... 48
Notes and References ..................................................... 49

Chapter 4  Urban Transformation in an Inner City Area: Morphological Processes in Shieldfield, Newcastle upon Tyne, UK ......................... 56
  4.1 Introduction ............................................................. 56
  4.2 Creating Shieldfield; The First Transformation .................... 59
  4.3 Redeveloping Shieldfield; The Second Transformation ............ 64
  4.4 Shieldfield and the Inner Fringe Belt; A Third Transformation? .... 72
Notes and References ..................................................... 77
Chapter 5  Saverio Muratori and the Italian School of Planning Typology ...... 79
  5.1 Saverio Muratori ......................................................... 79
  5.2 Saverio Muratori’s Roman School .................................... 83
  5.3 The Dispersal from Rome ............................................... 84
  5.4 Gianfranco Caniggia ..................................................... 86
  5.5 The Present School ...................................................... 88
Notes and References .......................................................... 91

Chapter 6 From Muratori to Caniggia: The Origins and Development of the Italian School of Design Typology .................................................. 95
  6.1 Muratori’s Roman School ............................................... 95
  6.2 Muratori as a Philosopher .............................................. 96
  6.3 Muratori’s Cultural Background ...................................... 97
  6.4 The Architectural Issue of Technique and Language .............. 99
  6.5 The Philosophical Issue of Typological ‘Features’ ................. 100
  6.6 The Constructional Issue of the Built Environment .............. 102
  6.7 The Urban Issue of the Development of Towns .................... 103
  6.8 The Geographical Issue of the Human Environment .............. 105
  6.9 The Historical Issue of the Development of Civilization ...... 106
  6.10 The Scuola Muratoriana ................................................. 107
  6.11 Formative Generation Gaps .......................................... 108
  6.12 The Relative Accomplishments of Muratori and Caniggia ..... 112
  6.13 Final Judgement and Criticism ..................................... 113
  6.14 Conclusions ............................................................... 114
Notes and References .......................................................... 115

Chapter 7 Research on Chinese Urban Form: Retrospect and Prospect 120
  7.1 Research on Traditional Cities ........................................ 121
  7.2 Research on Early Modern Cities .................................... 129
  7.3 Research on Socialist and Post-Reform Cities ..................... 131
  7.4 Historical Preservation and Conservation .......................... 132
  7.5 The Challenge for Urban Morphology ............................... 133
  7.6 The Application of Conzenian and Caniggian Approaches ....... 135
  7.7 Conclusions ............................................................... 137
Notes and References .......................................................... 139
# Contents

## Chapter 8  Residential Building Types as an Evolutionary Process: The Guangzhou Area, China

<table>
<thead>
<tr>
<th>Section</th>
<th>Title</th>
<th>Page</th>
</tr>
</thead>
<tbody>
<tr>
<td>8.1</td>
<td>Guangzhou: History and Research Sources</td>
<td>148</td>
</tr>
<tr>
<td>8.2</td>
<td>Rural and Small-Town Building Types</td>
<td>150</td>
</tr>
<tr>
<td>8.3</td>
<td>Residential Building Forms in Guangzhou</td>
<td>153</td>
</tr>
<tr>
<td>8.4</td>
<td>Multi-Storey Zhutongwu and Zhutongwu Flats</td>
<td>155</td>
</tr>
<tr>
<td>8.5</td>
<td>The Xiguan Dawu</td>
<td>157</td>
</tr>
<tr>
<td>8.6</td>
<td>The Qilou</td>
<td>159</td>
</tr>
<tr>
<td>8.7</td>
<td>The Dongshan House</td>
<td>160</td>
</tr>
<tr>
<td>8.8</td>
<td>Adaptations and New Types</td>
<td>161</td>
</tr>
<tr>
<td>8.9</td>
<td>Interpreting Residential Building Forms in Guangzhou</td>
<td>163</td>
</tr>
<tr>
<td>8.10</td>
<td>Conclusions</td>
<td>167</td>
</tr>
</tbody>
</table>

## Notes and References: 169

## Chapter 9  Preserving the Cultural Identity of Chinese Cities in Urban Design through a Typomorphological Approach

<table>
<thead>
<tr>
<th>Section</th>
<th>Title</th>
<th>Page</th>
</tr>
</thead>
<tbody>
<tr>
<td>9.1</td>
<td>Typomorphology</td>
<td>173</td>
</tr>
<tr>
<td>9.2</td>
<td>Case Study: Suzhou</td>
<td>174</td>
</tr>
<tr>
<td>9.3</td>
<td>Urban Design Suggestions</td>
<td>190</td>
</tr>
<tr>
<td>9.4</td>
<td>Discussion and Conclusions</td>
<td>194</td>
</tr>
</tbody>
</table>

## Notes and References: 195