

Table of Contents

- Acknowledgments p. vii
- Chapter 1 Introduction p. 1
 - The need for change p. 2
 - The role of planning p. 11
 - Levels of government and scales of planning p. 13
 - Recent trends in urban planning and design p. 15
- Chapter 2 Sustainable development p. 19
 - Roots of the concept p. 19
 - Definitions and perspectives p. 23
 - Modernist, postmodernist, and ecological worldviews p. 27
 - The role of values and institutions p. 32
- Chapter 3 Theory of sustainability planning p. 34
 - Elements of the sustainability planning approach p. 34
 - Past perspectives on planning p. 43
 - Situating sustainability planning within planning theory p. 50
 - Planning and power p. 51
 - Planners' roles p. 51
- Chapter 4 Planning and the Three Es p. 53
 - Sustainability and the environment p. 53
 - Sustainability and economics p. 55
 - Sustainability and equity p. 60
- Chapter 5 Issues central to sustainability planning p. 66
 - Growth management and land use planning p. 66
 - Urban design p. 69
 - Housing p. 70
 - Transportation p. 72
 - Environmental protection and restoration p. 76
 - Energy and materials use p. 78
 - Green architecture and building p. 79
 - Equity and environmental justice p. 80
 - Economic development p. 81
 - Population p. 82
- Chapter 6 Tools for sustainability planning p. 85
 - Planning processes p. 85
 - Sustainability indicators p. 91
 - Ecological footprint analysis p. 95
 - Other research and analytic tools p. 95
 - Institutions and policy mechanisms p. 97
 - Education, communication, and consensus-building p. 99
 - Organizing and coalition-building p. 100
- Chapter 7 International planning p. 102
 - Institutions p. 102
 - International planning issues p. 108
 - Sustainability issues in industrialized vs. less-developed countries p. 109

- Chapter 8 National planning p. 114
- Who plans at a national scale? p. 114
- National sustainability frameworks p. 117
- National planning issues p. 122
- Chapter 9 State and provincial planning p. 125
- Who plans at the state and provincial scale? p. 126
- State or provincial planning issues p. 126
- Chapter 10 Regional planning p. 133
- Types of regions p. 133
- Who plans regions? p. 137
- Regional sustainability issues p. 139
- Chapter 11 Local government planning p. 152
- Who plans at the local level? p. 153
- Local sustainability issues p. 154
- Comprehensive local sustainability plans p. 179
- Chapter 12 Neighborhood planning p. 181
- Who does neighborhood planning? p. 183
- Neighborhood sustainability issues p. 186
- Chapter 13 Site planning and architecture p. 216
- Who plans at the site and building scale? p. 216
- Sustainable site design issues p. 219
- Ecological architecture p. 224
- Chapter 14 How do we get there from here? p. 235
- Developing an awareness of opportunities p. 235
- A strategic perspective p. 237
- Dealing with power and improving democracy p. 238
- An agenda for the future p. 240
- Notes p. 242
- Bibliography p. 253