Contents

1 Significance of Geography and Urban Planning ..................... 1
  1.1 Geography and Historical Capital Preservation ............... 1
  1.2 Cultural Geography of Nanjing ................................. 4
  1.3 Significance of Nanjing as the Research Site ................. 5
  1.4 Philosophy of the Historical Landscape ....................... 9
  1.5 From Geography to Urban Research ............................. 11
  1.6 Importance of Landscape in Historic Capitals ............... 12
  References .......................................................... 13

2 The Yangtze River Impacts and Early Nanjing Geography ......... 15
  2.1 Cultural Landscape Change Along Yangtze River in Ancient Times .................................................. 15
  2.2 Changes in Nanjing Section of the Yangtze River and Impacts .................................................... 16
  2.3 The Yangtze River Impact on the Establishment of Capitals .... 20
  2.4 Impact of Natural Terrain and Historical Geography on Ancient Nanjing ....................................... 23
  2.5 Impact of Geographical Environment on the Formation of Historical Landscape in Nanjing .................. 30
  2.6 Historical Periods in Eastern China and Climate Changes in Nanjing ............................................. 32
  2.7 Early Nanjing Geography and Settlement Environment in Stone Age ............................................. 34
    2.7.1 The Tangshan Ape-Man and Geographical Environment in Paleolithic Period ............................ 34
    2.7.2 The Original Villages Along the Yangtze River Tributary in Neolithic .................................. 35
  References .......................................................... 38
3 Nanjing Historical Landscape and City Changes

3.1 Strongholds in the Spring and Autumn Periods, Warring States Period (776–221 BC), and Towns in the Qin (221–207 BC) and Han (202 BC–220 AD) Dynasties

3.1.1 Military Fortresses in the Spring and Autumn Periods and the Warring States Period

3.1.2 Moling and Other Towns and Cities in the Qin and Han Dynasties

3.1.3 Han Dynasty (202 BC–220 AD)

3.2 Six Dynasties (220–589 AD): History and City Landscape

3.2.1 Wu State (221–280 AD) Established the Capital

3.2.2 Urban Landscape: Eastern Jin (317–420 AD) and Southern Dynasties (420–589 AD)

3.2.3 Landscape Architecture of Nanjing During the Six Dynasties

3.2.4 Nanjing City After the Six Dynasties

3.3 Landscape of Nanjing During the Southern Tang Dynasty (937–975 AD)

3.3.1 Sui Dynasty Qelled JianKang (Nanjing)

3.3.2 Jinling During the Southern Tang Dynasty

3.3.3 Influences of City Composition After the Southern Tang Dynasty

3.3.4 Agricultural Development in the Yangtze River Basin and Relocation of China’s Economic Center to the South

3.4 The Early Ming Dynasty (1368–1402 AD) and Its City Landscape

3.4.1 A Great City Wall System

3.4.2 Star Patterns and Their Implications for the Capital

3.4.3 City Composition

3.4.4 Qing Dynasty (1616–1912 AD) and Taiping Heavenly Kingdom Periods (1851–1864 AD)

3.5 Capital and Landscape During the Republic of China (1912–1949)

3.5.1 Nanjing’s Urban Planning During the Republic of China

3.5.2 City Green Space Planning During the Republic of China

References

4 City Status and Contemporary Geographical Landscape

4.1 The Recent (1927–Present) Evolution of Nanjing City

4.2 Urban Area Expansion Status in Modern Nanjing
4.3 Natural Mountains in Nanjing’s Current Landscape .......................... 119
  4.3.1 Current Landscape in the Eastern Mountains ......................... 121
  4.3.2 Mountains in the Center that Extend into the City ................. 127
  4.3.3 Status Quo of Western Ranges of Mountains and the Qinhuai River .......................................................... 131
  4.3.4 Status Quo of Hills and Mountains in the South ..................... 135
  4.3.5 Status Quo in Northern Natural Mountains and Along the Yangtze River .......................................................... 141
4.4 Anonymous Landscapes and Historical Sites .................................. 149
4.5 Current Development and Destruction ........................................... 161
References ................................................................................. 162

5 Rivers, Greenspaces, and Ancient Capital Composition ......................... 163
  5.1 The Influences of Rivers on a City ............................................. 163
    5.1.1 History and Landscape of Xuanwu Lake .............................. 167
    5.1.2 The Qinhuai River and Its Landscape Status ...................... 171
    5.1.3 Several Other Urban Rivers ............................................ 177
    5.1.4 Other Lakes .................................................................. 178
  5.2 Current Greening Spaces of Urban Gardens and Parks ..................... 182
    5.2.1 Each Park Has Related Nanjing History .............................. 182
    5.2.2 Current Green Spaces and Current Problems ...................... 183
    5.2.3 Road Landscape ....................................................... 184
    5.2.4 Research on Greenspace in Urban Nanjing ......................... 186
  5.3 Spaces of Historical Capital and Relic Sites Preservation .................. 186
    5.3.1 Axis Pattern Preservation ............................................. 188
    5.3.2 The City Wall of the Ming Dynasty .................................. 190
    5.3.3 Preservation of Ming Dynasty City Wall and Its Landscape Planning .......................................................... 192
References ................................................................................. 194

6 Geographic Landscape Planning and Design ........................................ 195
  6.1 Research on the Characteristics of Geographical Planning ............... 195
  6.2 Research Breakthrough Points of Geography .................................. 196
    6.2.1 Research on Regional Land Composition ............................ 196
    6.2.2 Research on Landscape Patterns ..................................... 197
    6.2.3 Research on the Ecological Environment ......................... 197
    6.2.4 Research on Geographic Information Systems .................... 198
  6.3 Master City Plan of Modern Nanjing ........................................... 198
  6.4 Research into the Planning of the Geographical Landscape in Nanjing .................................................................... 200
    6.4.1 Composition of the Historical City and Nature .................... 200
    6.4.2 Harmonious Development ............................................. 201
    6.4.3 The Heritage of the Core Geographic Space ....................... 201
6.5 Research into the Cultural Ecology of the Ancient Capital

6.5.1 The Concept Extension of Landscape Ecology in the Ancient City

6.5.2 Research into Planning the Cultural Ecology

6.5.3 Corridors of Landscapes Heritage

6.5.4 A Patch of Landscaped Green Spaces

6.6 Historical Landscape Planning

6.6.1 Multidimensional and Multiscale Landscape

6.6.2 Principles of the in-Depth Appreciation of Images

6.6.3 Principle of the Space–Time Continuum

6.6.4 Amalgamation Principle

6.6.5 The Composition of the Street Block Landscape

6.6.6 Research into the Landscape of the City Wall from the Ming Dynasty

References

7 Conclusion
Nanjing: Historical Landscape and Its Planning from Geographical Perspective
Yao, Y.
2016, XV, 212 p. 121 illus., 55 illus. in color., Hardcover
ISBN: 978-981-10-1635-6