

Contents

1	Theoretical Overview	1
1.1	On History	1
1.2	Climate and Culture	2
1.3	The Mandate of Heaven	5
1.4	East Asia's Climate Record	9
1.5	Geography as Destiny	22
1.6	Cycles	28
1.7	Cause and Explanation	29
1.8	Human Nature: Basics Needed for Understanding History	32
1.9	Rationality	33
1.10	Human Good and Evil	35
1.11	Population Growth	36
1.12	Growth and Non-growth	40
1.13	Power	41
1.14	States	43
1.15	World-Systems	46
1.16	Conclusion	50
	References	50
2	Cycles and Cycling	61
2.1	Ibn Khaldun's Theory of Dynastic Cycles	61
2.2	State and Family	65
2.3	Ibn Khaldun on Timing and Dynamics	66
2.4	Ibn Khaldun on Decline	67
2.5	Generalizing the Features of the Theory	69
2.6	Barbarians	70
2.7	Collapse and War	72
2.8	A Wider Theory of Cycles: Resilience	73
2.9	Coupled Cycles?	75
2.10	Turchin, Nefedov, and Longer Cycles	76
	References	81

3	Before Empire: State Formation in China and Proto-states Elsewhere	83
3.1	Language-Systems Before World-Systems	83
3.2	East Asia: General Introduction	86
3.3	Early China	87
3.4	The Rise of Philosophy	92
3.5	Summary	94
	References	95
4	The Creation of Stable Dynastic Empires in East and Southeast Asia	99
4.1	Qin and Its Fall	99
4.2	The Rise of Han and the Formation of Chinese Society	101
4.3	The Fall of Former Han	105
4.4	China Disunited	108
4.5	Southeast Asia Enters History	111
4.6	Korean Civilization	113
4.7	Japan Appears in the Records	114
4.8	Verdict	115
	References	116
5	High Empire: The Glory Days of Early Medieval Eastern Asia	119
5.1	The Development of the East Asian World-system	119
5.2	Events in China After the Mid-Sixth Century	122
5.3	High Tang	125
5.4	Tang's Decline and Fall	128
5.5	Meanwhile in the South	130
5.6	Japan, 550–950	130
5.7	China Divided After Tang	133
5.8	Verdict	134
	References	135
6	The Rise of Central Asia: Coastal Golden Ages Increasingly Threatened by Conquest Dynasties from the Deep Interior	139
6.1	Medieval Warmth	139
6.2	World-system Dynamics	140
6.3	Japanese Crisis	142
6.4	Southern Approaches	144
6.5	China's Warm Period	144
6.6	A Climatic Interruption	146
6.7	Social Changes	147
6.8	Northern Invaders and Neighbors	151
6.9	The Fall of Song	155
	References	156

7	The Mongol Conquests of China and Korea and Invasion of Japan	159
7.1	Climate: From Warm to Frigid	159
7.2	The Mongol Rise	162
7.3	Bubonic Plague Goes West, Not East	165
7.4	Mongol Decline and Fall	167
	References	169
8	Long-Lived Dynasties: Ming and Its Contemporaries	171
8.1	Climate and Environment	171
8.2	The Rise of Ming	173
8.3	The Final Stroke	178
8.4	Loyalty After the Fall	180
8.5	Disasters in and After Ming	180
8.6	The East Asian World-System in Ming Times	181
8.7	Korea Changes Dynasty	182
8.8	Japan Collapses into War	184
8.9	The Ryukyus	187
8.10	Sidebar: Mazu the Empress of Heaven	188
	References	188
9	The Early Modern Period in the East Asian World-System	193
9.1	Climate in the Early Modern Period	193
9.2	The Rise of Qing	193
9.3	Qing's Malthusian Stress	197
9.4	Waning and Decline	198
9.5	Vietnam Declines	200
9.6	In the Northeast	201
9.7	East Asia Fails to Modernize	206
	References	208
10	Lessons: Factors Driving the Rise and Fall of Dynasties	211
10.1	Climate and Chinese Dynasties	211
10.2	Korea and Japan	220
10.3	Vietnam	221
10.4	Central Asia	221
10.5	Putting It Together: World-System Dynamics	222
	References	222
11	Comparisons: Cycles and Empires in Agrarian Worlds	225
11.1	Cycles Rising	225
11.2	Models and Traditions	226
11.3	East Asian Agriculture as Relief	227
11.4	Innovation and Progress: Golden Ages and Leaden Ages	230

