
Contents

1	Introduction	1
1.1	Definition of Modernization Science	2
1.1.1	What Is Modernization?	3
1.1.2	What Is Modernization Science?	13
1.1.3	Natures of Modernization Science	16
1.2	Methodology of Modernization Science	27
1.2.1	Paradigm of Modernization Study	27
1.2.2	General Methods of Modernization Study	37
1.2.3	Coordinate Analysis of Modernization Study	46
	Summary	60
	Further Reading	65
2	General Theory	67
2.1	Core Theory of General Modernization	67
2.1.1	Operational Definitions	67
2.1.2	General Process	76
2.1.3	General Result	102
2.1.4	General Dynamics	112
2.1.5	General Models	118
2.2	Basic Principles of National Advance	123
2.2.1	Modernization and National Advance	123
2.2.2	Theoretical Explanation of National Advance	133
2.2.3	General Criteria of National Advance	140
2.2.4	General Methods of National Advance	142
	Summary	144
	Further Reading	150
3	History of Modernization	153
3.1	Historical Process of Modernization	153
3.1.1	Main Stages of Modernization	153
3.1.2	Main Waves of Modernization	161
3.1.3	Options on Modernization Paths	161

3.2 History of Modernization Study	164
3.2.1 Origin of Modernization Study	165
3.2.2 Three Waves of Modernization Study	167
3.2.3 Criticism on Modernization Study	169
3.3 History of Modernization Thoughts	169
3.3.1 Origin of Modernization Theory	170
3.3.2 Evolution of Modernization Theory	172
3.3.3 Emergence of Modernization Science	173
Summary	177
Further Reading	179
4 Stage-Specific Modernization	181
4.1 First Stage of Modernization	181
4.1.1 Classical Modernization Theory	181
4.1.2 Dependency Theory	194
4.1.3 World-System Theory	197
4.2 Second Stage of Modernization	201
4.2.1 Second Modernization Theory	202
4.2.2 Reflexive Modernization Theory	214
4.2.3 Postmodernization Theory	218
4.2.4 Continuous Modernization Theory	224
4.3 Roads of Integrated Modernization	225
4.3.1 Integrated Modernization Theory	225
4.3.2 Multiple Modernities Theory	237
4.3.3 Globalization	239
Summary	244
Further Reading	248
5 Level-Specific Modernization	251
5.1 World Modernization	251
5.1.1 Studies	251
5.1.2 Theories	261
5.2 International Modernization	265
5.2.1 Studies	265
5.2.2 Theories	275
5.3 National Modernization	286
5.3.1 Studies	287
5.3.2 Theories	303
5.4 Regional Modernization	307
5.4.1 Studies	307
5.4.2 Theories	322
5.5 Organizational Modernization	333
5.5.1 Studies	334
5.5.2 Theories	338

5.6 Individual Modernization	339
5.6.1 Studies	339
5.6.2 Theories	341
Summary	342
Further Reading	345
6 Field-Specific Modernization	347
6.1 Economic Modernization	347
6.1.1 Studies	347
6.1.2 Theories	362
6.2 Social Modernization	376
6.2.1 Studies	376
6.2.2 Theories	389
6.3 Political Modernization	402
6.3.1 Studies	402
6.3.2 Theories	411
6.4 Cultural Modernization	425
6.4.1 Studies	425
6.4.2 Theories	439
6.5 Ecological Modernization	453
6.5.1 Studies	453
6.5.2 Theories	462
6.6 Human Modernization	482
6.6.1 Studies	483
6.6.2 Theories	490
Summary	499
Further Reading	507
7 Sector-Specific Modernization	509
7.1 Agricultural Modernization	509
7.1.1 Studies	509
7.1.2 Theories	516
7.2 Modernization of Education	528
7.2.1 Studies	528
7.2.2 Theories	534
7.3 Modernization of Science and Technology	543
7.3.1 Studies	544
7.3.2 Theories	551
Summary	563
Further Reading	568
8 Modernization Policy	569
8.1 Modernization Evaluation	569
8.1.1 Principles of Evaluation	569
8.1.2 International Evaluation	573
8.1.3 Assessment for Policy Making	578

8.2 Modernization Strategy	580
8.2.1 Modernization Goals	580
8.2.2 Modernization Planning	586
8.2.3 Strategy Management	588
8.3 Modernization Measures	590
8.3.1 Innovation and Selection	590
8.3.2 Options for Advanced Countries	592
8.3.3 Options for Developing Countries	594
Summary	597
Further Reading	599
References	601
Author Index	619
Subject Index	625

Modernization Science

The Principles and Methods of National Advancement

He, C.

2012, XXXII, 648 p., Hardcover

ISBN: 978-3-642-25458-1