

Contents

List of Contributors	ix
INTRODUCTION <i>John A. Agnew and David N. Livingstone</i>	1
PART 1 ORIENTATIONS	19
1 Geography's Genealogies <i>Robert J. Mayhew</i>	21
2 Geography's Narratives and Intellectual History <i>Charles W.J. Withers</i>	39
PART 2 GEOGRAPHY'S VENUES	51
3 The Field <i>Keith Richards</i>	53
4 Museums <i>Simon Naylor and Jude Hill</i>	64
5 Laboratory/Observatory <i>Scott Kirsch</i>	76
6 Archive <i>Miles Ogborn</i>	88
7 Botanical Gardens and Zoos <i>Nuala C. Johnson</i>	99
8 Learned Societies <i>Michael Heffernan</i>	111
9 Geographical Information Systems Laboratory <i>Michael F. Goodchild</i>	126

10	Art Studio <i>Stephen Daniels</i>	137
11	The Weather Station and the Meteorological Office <i>Keith Richards</i>	149
12	Centre of Calculation <i>Heike Jöns</i>	158
13	Remote Sensing <i>Yongwei Sheng</i>	171
14	Spaces of Hegemony? Circuits of Value, Finance Capital and Places of Financial Knowledge <i>Roger Lee</i>	185
15	The Mission <i>Georgina Endfield</i>	202
16	Battlefield <i>Gerard Toal/Gearóid Ó Tuathail</i>	217
17	Making Mathematical Models Perform in Geographical Space(s) <i>Stuart N. Lane</i>	228
18	Subaltern Space <i>Daniel Clayton</i>	246
19	Public Sphere <i>Mustafa Dikeç</i>	261
20	The Role of Geography and Geographers in Policy and Government Departments <i>Tim Unwin</i>	271
PART 3 CRITICAL CONCEPTS AND CONTROVERSIES		285
21	Nature and Society <i>Noel Castree</i>	287
22	Landscape <i>John Wylie</i>	300
23	Space and Place <i>John A. Agnew</i>	316
24	Time <i>Mike Crang</i>	331

- 25 Region and Regionalism 344
J. Nicholas Entrikin
- 26 Map 357
Anne Godlewska and Jason Grek Martin
- 27 Environmental Determinism 368
David N. Livingstone
- 28 Spatial Analysis 381
Trevor J. Barnes
- 29 Dynamics and Complexity 393
Christopher J. Keylock
- 30 Social Class 405
Eric Sheppard and James Glassman
- 31 Race/Ethnicity 418
Caroline Bressey
- 32 Gender 430
Joanne Sharp
- 33 The Idea of Evolution in Geographical Thought 441
Neil Roberts
- 34 Ecosystem 452
George P. Malanson
- 35 Landform 465
Nick Spedding
- 36 The Cycle of Erosion: Changing Times, Changing Science 475
Antony R. Orme
- 37 Glaciation and Ice Ages 492
Bryan Mark
- 38 Rivers and Drainage Basins 502
Nick Clifford
- 39 Environmental Change 528
Andrew Goudie
- 40 Global Climate Change 540
Glen M. MacDonald

41	The City <i>Phil Hubbard</i>	Region and Regionalism <i>A. Nicholas Easton</i>	549
42	Urban–Rural <i>Paul Cloke</i>	Map <i>Anne Godwin and Jason Oak Mann</i>	563
43	Mobility <i>Tim Cresswell</i>	Environmental Determinism <i>Daniel H. Alexander</i>	571
44	Conservation and Environmental Concern <i>Michael Williams</i>	Spatial Analysis <i>Trevor A. Jones</i>	581
45	Development <i>Robert B. Potter and Dennis Conway</i>	Dynamic and Complex Systems <i>Christopher A. R. Clark</i>	595
46	Geopolitics <i>Gerry Kearns</i>	Social Class <i>Eric Sheppard and James Oldeman</i>	610
418	Index	Geographical Information Systems <i>Caroline Barry</i>	623
418		Gender <i>Joanna Lewis</i>	623
418		The Role of Geography in Geographical Thought <i>Neil Roberts</i>	623
418		Environment <i>George A. Bonner</i>	623
418		Landform <i>Nick Spalding</i>	623
418		The Cycle of Erosion: Changing Times, Changing Science <i>Ashley R. Cross</i>	623
PART 3 CRITICAL CONCEPTS AND CONTROVERSIES			623
418		Globalization and the World <i>David Foray</i>	623
418		Rivers and Drainage Basins <i>Nick Clifford</i>	623
418		Environmental Change <i>Andrew Goudie</i>	623
418		Global Climate Change <i>Glen A. Macdonald</i>	623