Contents

Chapter 6

CASE STUDY: City logistics

List of phot	ographs	i.
List of figur		
List of conti		xii
Preface		xi
Chapter 1	Transportation and geography	
4.2 Prette	CONCEPTS: 1 What is transport geography?	
	2 Transportation and space	
	3 Transportation and commercial geography	1
	4 The geography of transportation networks	2
	CASE STUDY: Strategic maritime passages	3
	Chapter 9 Transport planning and policy sonn? size 1000 s	
Chapter 2	Transportation and the spatial structure	4
	CONCEPTS: 1 Historical geography of transportation:	
	the emergence of mechanized systems	4
	2 Historical geography of transportation: the setting of	
	global systems	5
	3 Transport and spatial organization	6
M	4 Transport and location	7
	5 Future transportation	7
	CASE STUDY: High speed rail systems	8
Chapter 3	Transportation modes	8
	CONCEPTS: 1 A diversity of modes	8
	2 Intermodal transportation	11
	3 Passengers and freight: complementarity and competition	12
	CASE STUDY: Information technologies and mobility	12
Chapter 4	Transportation terminals	12
	CONCEPTS: 1 The function of transport terminals	12
	2 The location of terminals	13
	3 Transport terminal governance	14
	CASE STUDY: Inland ports	15
	Glossary	
Chapter 5	International trade and freight distribution CONCEPTS: 1 Transportation, globalization and	15
	international trade	15
	2 Commodity chains and freight transportation	16

	3 Logistics and freight distribution	173
	CASE STUDY: Commodity chain analysis: the cold chain	183
Chapter 6	Urban transportation	188
	CONCEPTS: 1 Transportation and the urban form	188
	2 Urban land use and transportation	198
	3 Urban mobility	206
	4 Urban transport problems	212
	CASE STUDY: City logistics	219
Chapter 7	Transportation and the economy	226
	CONCEPTS: 1 Transportation and economic development	226
	2 Transport costs	236
	3 Transport supply and demand	243
	CASE STUDY: The cruise industry	249
Chapter 8	Transport, energy and environment	255
	CONCEPTS: 1 The environmental impacts of transportation	255
	2 Transportation and energy	261
	3 Transport and sustainability	269
	CASE STUDY: Green logistics	274
Chapter 9	Transport planning and policy	280
	CONCEPTS: 1 The nature of transport policy	280
	2 Transport planning	285
	3 Transport safety and security	291
	4 Transportation and disasters	294
	CASE STUDY: Transportation and pandemics	299
Chapter 10	Methods in transport geography	304
	METHODS: 1 Methods in transport geography	304
	2 Graph theory: definition and properties	307
	3 Graph theory: measures and indices	312
	4 Geographic Information Systems for Transportation (GIS-T)	317
	5 The notion of accessibility	322
	6 Network data models	328
	7 Transport technical and economic performance indicators	333
	8 The Gini coefficient	337
	9 Spatial interactions and the gravity model	340
	10 Market area analysis	345
	11 The policy process	351
Conclusion	: Issues and challenges in transport geography	356
Glossary	in the second and the second as a second a	364
Index		396