

CONTENTS

X FOREWORD	1
Per Anders Örtendahl	
X INTRODUCTION	3
Roland Thord	
PART I: VISIONS OF FUTURE ARENAS	9
INFRASTRUCTURE AND THE TRANSFORMATION TO THE C-SOCIETY	11
Åke E. Andersson	
THE EMERGING NEW ARENA OF TRANSPORTATION AND COMMUNICATION IN JAPAN	27
Kiyoshi Kobayashi	
X THE FUTURE OF EUROPEAN TRANSPORT	45
Kenneth Button	
TAMING THE WILD ROADWAYS: TEAMWORK, COMMUNICATION, AND SYNCHRONIZATION ACROSS SPACE	85
Richard J. Schonberger	
PART II: REGIONAL PERSPECTIVES	95
THE CENTRAL EUROPEAN PERSPECTIVE	97
Heinz Sandhäger	
THE EASTERN EUROPEAN PERSPECTIVE	109
Igor P. Kiselev	
X THE NORTH AMERICAN PERSPECTIVE	119
Thomas D. Larson	
THE JAPANESE PERSPECTIVE	137
Kazuhiro Yoshikawa	

PART III: NETWORK PERSPECTIVES	173
TRANSPORTATION INFRASTRUCTURE, PRODUCTIVITY AND GROWTH Börje Johansson	175
A SYSTEMS VIEW OF INFRASTRUCTURE PLANNING Folke Snickars	191
SOME ASPECTS ON INTERDEPENDENCE OF COUNTRIES AND REGIONS OF IMPROVED TRANSPORT LINKS Willem Westerhuis	201
TRANSNATIONAL PLANNING EDUCATION AND THE INTERNATIONALIZATION Klaus R. Kunzmann	205
PART IV: ENVIRONMENT PERSPECTIVES	221
THE ENVIRONMENTAL SITUATION IN EUROPE Lennart Schotte	223
TRANSPORTATION AND THE ENVIRONMENT Kenneth A. Small	231
HUMAN ASPECTS ON COMMUNICATION AND THE INFRASTRUCTURE Kerstin Lindahl-Kiessling	247
TECHNOLOGY FOR IMPROVED TRANSPORTATION AND ENVIRONMENT Hans G. Forsberg	257