

Contents

<i>List of figures</i>	vii
<i>List of tables</i>	ix
<i>Notes on contributors</i>	xi
<i>Foreword</i>	xvii
MAARTEN HAJER	
1 The experimental city: new modes and prospects of urban transformation	1
JAMES EVANS, ANDREW KARVONEN AND ROB RAVEN	
PART I	
Logics of experimentation	13
2 Experimenting in the city: unpacking notions of experimentation for sustainability	15
FRANS SENGERS, FRANS BERKHOUT, ANNA J. WIECZOREK AND ROB RAVEN	
3 Cities, experiments and the logics of the knowledge economy	32
TIM MAY AND BETH PERRY	
4 The urban laboratory and emerging sites of urban experimentation	47
SIMON MARVIN AND JONATHAN SILVER	
5 Virtual city experimentation: a critical role for design visioning	61
CHRIS RYAN, IDIL GAZIULUSOY, KES MCCORMICK AND MICHAEL TRUDGEON	
6 The boundaries of experimentation in sustainable urbanism	77
ELIZABETH RAPOPORT	
7 Cabin ecologies: the technoscience of integrated urban infrastructure	88
SIMON MARVIN AND MIKE HODSON	

PART II	
Experimenting in cities	105
8 Green enclaves, neoliberalism and the constitution of the experimental city in Santiago de Chile	107
MARTIN SANZANA CALVET AND VANESA CASTÁN BROTO	
9 Urban mobility experiments in India and Thailand	122
DUKE GHOSH, FRANS SENGERS, ANNA J. WIECZOREK, BIPASHYEE GHOSH, JOYASHREE ROY AND ROB RAVEN	
10 Urban science networks and local economy: the case of Newcastle upon Tyne	137
GARETH POWELLS AND LYN SAYS BLAKE	
11 Grassroots experimentation: alternative learning and innovation in the Prinzessinnengarten, Berlin	150
JANA WENDLER	
12 Living labs: users, citizens and transitions	163
GABRIELE SCHLIWA AND KES MCCORMICK	
PART III	
Experimental cities	179
13 Turning over a new leaf: sustainability and urban experimentation in Seoul	181
SOFIA T. SHWAYRI	
14 Frankenstein cities: (de)composed urbanism and experimental eco-cities	195
FEDERICO CUGURULLO	
15 Experimental afterlives: making and unmaking developmental laboratories in Ghana	205
THOMAS YARROW	
16 The glorious failure of the experimental city: cautionary tales from Arcosanti and Masdar City	218
JAMES EVANS, GABRIELE SCHLIWA AND KATHERINE LUKE	
17 Post carbon cities: distributed and decentralized and demodernized?	236
STEPHANIE PIN CETL	
<i>Index</i>	251