Infrastructures and Social Complexity
A companion

Edited by
Penny Harvey, Casper Bruun Jensen and Atsuro Morita
Contents

List of figures ix
List of contributors x
Acknowledgment xvii

1 Introduction: Infrastructural complications 1
PENNY HARVEY, CASPER BRUUN JENSEN AND ATSURO MORITA

PART I
Development infrastructures 23

2 Keyword: infrastructure: How a humble French engineering term shaped the modern world 27
ASHLEY CARSE

3 Surveying the future perfect: Anthropology, development and the promise of infrastructure 40
KREGG HETHERINGTON

4 Containment and disruption: The illicit economies of infrastructural investment 51
PENNY HARVEY

5 Infrastructure reform in Indigenous Australia: From mud to mining to military empires 64
TESS LEA

6 Becoming a city: Infrastructural fetishism and scattered urbanization in Vientiane, Laos 76
MIKI NAMBA
## Contents

### PART II

**Urban infrastructures**

<table>
<thead>
<tr>
<th>Chapter</th>
<th>Title</th>
<th>Author(s)</th>
</tr>
</thead>
<tbody>
<tr>
<td>7</td>
<td>On pressure and the politics of water infrastructure</td>
<td>Nikhil Anand</td>
</tr>
<tr>
<td>8</td>
<td>Infrastructuring new urban common worlds?: On material politics, civic attachments, and partially existing wind turbines</td>
<td>Anders Blok</td>
</tr>
<tr>
<td>9</td>
<td>Remediating infrastructure: Tokyo’s commuter train network and the new autonomy</td>
<td>Michael Fisch</td>
</tr>
<tr>
<td>10</td>
<td>The generic city: Examples from Jakarta, Indonesia, and Maputo, Mozambique</td>
<td>Morten Nielsen, AbduMaliq Simone</td>
</tr>
<tr>
<td>11</td>
<td>Ecologies in beta: The city as infrastructure of apprenticeships</td>
<td>Alberto Corsín Jiménez, Adolfo Estalella</td>
</tr>
</tbody>
</table>

### PART III

**Energy infrastructures**

<table>
<thead>
<tr>
<th>Chapter</th>
<th>Title</th>
<th>Author(s)</th>
</tr>
</thead>
<tbody>
<tr>
<td>12</td>
<td>Living with the earth: More-than-human arrangements in seismic landscapes</td>
<td>James Maguire, Brit Ross Winthereik</td>
</tr>
<tr>
<td>13</td>
<td>Revolutionary infrastructure</td>
<td>Dominic Boyer</td>
</tr>
<tr>
<td>14</td>
<td>Infrastructure and the earth</td>
<td>Andrew Barry</td>
</tr>
<tr>
<td>15</td>
<td>Off the grid: Infrastructure and energy beyond the mains</td>
<td>Jamie Cross</td>
</tr>
</tbody>
</table>

### PART IV

**Environmental infrastructures**

<table>
<thead>
<tr>
<th>Chapter</th>
<th>Title</th>
<th>Author(s)</th>
</tr>
</thead>
<tbody>
<tr>
<td>16</td>
<td>River basin: The development of the scientific concept and infrastructures in the Chao Phraya Delta, Thailand</td>
<td>Atsuro Morita</td>
</tr>
<tr>
<td>17</td>
<td>Multinatural infrastructure: Phnom Penh sewage</td>
<td>Casper Bruun Jensen</td>
</tr>
</tbody>
</table>
18 Burial and resurrection in the Anthropocene: Infrastructures of waste
MYRA J. HIRD

19 Evidence, infrastructure and worth
SANDRA CALKINS AND RICHARD ROTTENBURG

PART V
Infrastructural figures

20 When infrastructures fail: An ethnographic note in the middle of an Aegean crisis
SARAH GREEN

21 Infrastructure as gesture
GISA WESZKALNYS

22 The black list: On infrastructural indeterminacy and its reverberations
MADELEINE REEVES

23 Infrastructural inversion and reflexivity: A “postcolonial” biodiversity databasing project in India
MOE NAKAZORA

24 Survivals as infrastructure: Twenty-first-century struggles with household and family in formal computations
JANE I. GUYER

PART VI
Digital infrastructures

25 Downscaling: From global to local in the climate knowledge infrastructure
PAUL N. EDWARDS

26 The problem of action: Infrastructure, planning and the informational environment
HANNAH KNOX

27 Machinic operations: Data structuring, healthcare and governmentality
ANDREW GOFFEY
Contents

28 Infrastructures in name only?: Identifying effects of depth and scale 379
   ADRIAN MACKENZIE

29 How knowledge infrastructures learn 391
   GEOFFREY C. BOWKER

Index 404