

Contents

Part I Understanding Resilience

| | |
|---|----|
| 1 Design Advocacy | 3 |
| 1.1 Architecture and Disasters. | 4 |
| 1.1.1 Disasters as Social Change Catalyst. | 6 |
| 1.1.2 Social Orientation of Disaster Research | 7 |
| 1.2 Dilemmas of Disaster Urbanism | 8 |
| 1.2.1 Politics of Humanitarianism | 9 |
| 1.2.2 Lessons Learned | 11 |
| 1.2.3 Resilience as a Measure of Success | 12 |
| 1.3 Bridging the Gap. | 13 |
| 1.3.1 Emergence of Humanitarian Architecture Movement | 14 |
| 1.3.2 Disaster's Last Responders. | 15 |
| References | 17 |
| 2 Systems Thinking. | 19 |
| 2.1 Design as a Method. | 20 |
| 2.1.1 Democratic Decision Making for Wicked Problems | 21 |
| 2.1.2 Democratizing Design | 24 |
| 2.2 Operationalizing Wicked Problems. | 26 |
| 2.2.1 Limits of Systems and Professionals | 27 |
| 2.2.2 Disaster as a Wicked Problem. | 29 |
| 2.2.3 Beyond Rittel: Reasserting Design as Universal Human Right | 30 |
| References | 31 |
| 3 Paradoxes of Building Back Better | 33 |
| 3.1 Communicating Resilience | 35 |
| 3.1.1 Anti-resilience. | 37 |
| 3.1.2 Cognitive Dissonance in Disasters | 38 |

| | | |
|-------|--|----|
| 3.2 | Societal Pathologies | 41 |
| 3.2.1 | Build Back Better Communities | 41 |
| 3.2.2 | Bring New Orleans Back | 43 |
| 3.2.3 | Before After | 45 |
| 3.3 | Design Strategies | 47 |
| 3.3.1 | Urban Conditions of Consumption. | 48 |
| 3.3.2 | Design Equity | 49 |
| 3.3.3 | Disaster Activism | 51 |
| | References | 52 |

Part II Resilient Tactics and Strategies

| | | |
|----------|---|------------|
| 4 | Haiti: NGO's Republic | 57 |
| 4.1 | Setting the Scene: Wicked Problems | 57 |
| 4.1.1 | Haitian Politics | 58 |
| 4.1.2 | Systemic Challenge | 62 |
| 4.2 | Civic Resilience: Haitian Way | 66 |
| 4.2.1 | Environmental Cost of Urbanization | 66 |
| 4.2.2 | The Haitian Way | 70 |
| 4.3 | Social Equity: Haitian Diaspora | 75 |
| 4.3.1 | Haitian Diaspora | 77 |
| 4.3.2 | Design Innovation or Invasion | 79 |
| 4.4 | Design Outliers | 81 |
| 4.4.1 | Building Accountability | 86 |
| | References | 89 |
| 5 | Katrina: Collective Resistance | 91 |
| 5.1 | Politics of Planning | 91 |
| 5.1.1 | Characteristics of Emergency Leadership | 93 |
| 5.1.2 | Civil Protection or Civil Defense | 95 |
| 5.2 | Starchitecture and Community Design | 97 |
| 5.2.1 | Making It Right | 98 |
| 5.2.2 | Rebuilding Trust Through Design | 101 |
| 5.3 | Design Equity | 104 |
| 5.3.1 | Activist Community Designers | 105 |
| 5.3.2 | Post-Katrina Citizen Participation | 106 |
| 5.4 | Public Interest Design | 110 |
| 5.4.1 | Systemizing Public Interest Design | 111 |
| 5.4.2 | Alternative Roles | 115 |
| | References | 119 |
| 6 | Christchurch: Going Grassroots | 121 |
| 6.1 | The Polarized City | 121 |
| 6.1.1 | "Munted": Militaristic Intervention | 125 |
| 6.1.2 | Que CERA, CERA | 126 |

| | | |
|----------|---|------------|
| 6.1.3 | Technical Incompetence | 127 |
| 6.1.4 | Disaster Czar or Strawman | 128 |
| 6.2 | Emergent Community Leaders. | 130 |
| 6.2.1 | Tactics: Suburban Community Response | 131 |
| 6.2.2 | Improvisation: The Māori Recovery Network | 132 |
| 6.2.3 | Strategies: CanCERN. | 134 |
| 6.3 | A People's Republic of Christchurch | 135 |
| 6.3.1 | Radicalism as Resilience | 136 |
| 6.3.2 | Overcoming Distrust | 137 |
| 6.3.3 | Architecture for Democracy | 138 |
| 6.4 | Architecture of Tomorrow. | 141 |
| 6.4.1 | Societal Value of Architects | 142 |
| 6.4.2 | Architecture and Society | 145 |
| | References | 147 |
| 7 | Conclusion. | 151 |
| | Index | 155 |

Resilience by Design

Lee, J.

2016, XXI, 157 p. 23 illus., 1 illus. in color., Hardcover

ISBN: 978-3-319-30639-1