

# CITIES ON A FINITE PLANET

Towards transformative responses  
to climate change

*Edited by*  
*Sheridan Bartlett and David Satterthwaite*

 **Routledge**  
Taylor & Francis Group  
LONDON AND NEW YORK

**earthscan**  
from Routledge

# CONTENTS

|                                                                                              |              |
|----------------------------------------------------------------------------------------------|--------------|
| <i>List of figures</i>                                                                       | <i>vii</i>   |
| <i>List of tables</i>                                                                        | <i>viii</i>  |
| <i>List of boxes</i>                                                                         | <i>ix</i>    |
| <i>List of contributors</i>                                                                  | <i>x</i>     |
| <i>Foreword</i>                                                                              | <i>xvi</i>   |
| <i>Preface</i>                                                                               | <i>xix</i>   |
| <i>List of acronyms</i>                                                                      | <i>xxvii</i> |
| <br>                                                                                         |              |
| 1 Urbanization, development and the Sustainable Development Goals                            | 1            |
| <i>David Satterthwaite and Sheridan Bartlett</i>                                             |              |
| <br>                                                                                         |              |
| 2 Understanding risk in the context of urban development: definitions, concepts and pathways | 17           |
| <i>Arabella Fraser, Mark Pelling and William Solecki</i>                                     |              |
| <br>                                                                                         |              |
| 3 Bangalore, India                                                                           | 41           |
| <i>Aromar Revi, Sumetee Pahwa Gajjar, Ritwika Basu, Garima Jain and Amir B. Bazaz</i>        |              |
| <br>                                                                                         |              |
| 4 Bangkok, Thailand                                                                          | 63           |
| <i>Shobhakar Dhakal and Ashish Shrestha</i>                                                  |              |
| <br>                                                                                         |              |
| 5 Dar es Salaam, Tanzania                                                                    | 81           |
| <i>Robert Kiunsi</i>                                                                         |              |

|    |                                                                                                                                  |     |
|----|----------------------------------------------------------------------------------------------------------------------------------|-----|
| 6  | Durban, South Africa                                                                                                             | 96  |
|    | <i>Debra Roberts, Derek Morgan, Sean O'Donoghue, Lisa Guastella,<br/>Nongcebo Hlongwa and Penny Price</i>                        |     |
| 7  | London, United Kingdom                                                                                                           | 116 |
|    | <i>Sari Kovats, Mark Pelling, Markella Koniordou, Jörn Birkmann and<br/>Torsten Welle</i>                                        |     |
| 8  | Manizales, Colombia                                                                                                              | 135 |
|    | <i>Jorgelina Hardoy and Luz Stella Velásquez Barrero</i>                                                                         |     |
| 9  | Mexico City, Mexico                                                                                                              | 149 |
|    | <i>Fernando Aragón-Durand and Gian Carlo Delgado-Ramos</i>                                                                       |     |
| 10 | New York, USA                                                                                                                    | 169 |
|    | <i>William Solecki, Cynthia Rosenzweig, Stephen Solecki, Lesley Patrick,<br/>Radley Horton and Michael Dorsch</i>                |     |
| 11 | Rosario, Argentina                                                                                                               | 185 |
|    | <i>Jorgelina Hardoy, Vanessa Herrera and Daniela Mastrángelo</i>                                                                 |     |
| 12 | Cross-city analysis                                                                                                              | 200 |
|    | <i>Sheridan Bartlett, David Satterthwaite, Debra Roberts, Jan Corfee-Morlot,<br/>David Dodman and Jorgelina Hardoy</i>           |     |
| 13 | Conclusions on ways forward                                                                                                      | 240 |
|    | <i>David Satterthwaite, Sheridan Bartlett, Debra Roberts, David Dodman,<br/>William Solecki, Alice Sverdlik and Mark Pelling</i> |     |
|    | <i>Postscript</i>                                                                                                                | 263 |
|    | <i>Index</i>                                                                                                                     | 265 |