Contents

1 Introduction: Limits to Adaptation ........................................ 1
   Johanna Nalau and Walter Leal Filho

Part I Limits to Climate Change Adaptation in Asia

2 Strategies and Barriers to Adaptation of Hazard-Prone Rural
   Households in Bangladesh .................................................. 11
   G. M. Monirul Alam, Khorsheed Alam, Shahbaz Mushtaq,
   Most Nilufa Khatun and Walter Leal Filho

3 Governance Limits to Adaptation in Cambodia’s
   Health Sector ................................................................. 25
   Daniel Gilfillan

4 Land-Based Strategic Model by Integrating Diverse Policies for
   Climate Change Adaptation in Nepal ..................................... 41
   Adish Khezri, Arbind Man Tuladhar and Jaap Zevenbergen

5 Climate Change and Migration in Bangladesh: Empirically
   Derived Lessons and Opportunities for Policy Makers and
   Practitioners ................................................................. 59
   Johannes Luetz

Part II Limits to Climate Change Adaptation in Africa

6 Limits to Climate Change Adaptation in Zimbabwe: Insights,
   Experiences and Lessons .................................................. 109
   Nelson Chanza

7 Pastoralists Shifting Strategies and Perceptions of Risk:
   Post-crisis Recovery in Damergou, Niger ............................. 129
   Karen Marie Greenough
8 Political Limits to Climate Change Adaptation Practices: Insights from the Johannesburg Case ........................................ 143
Karen Hetz

9 Constraints and Limits to Climate Change Adaptation Efforts in Nigeria .......................................................... 159
Idowu O. Ologeh, Joshua B. Akarakiri and Francis A. Adesina

10 Adapting Agriculture to Climate Change: Suitability of Banana Crop Production to Future Climate Change Over Uganda ........ 175
Geoffrey Sabiiti, Joseph Mwalichi Ininda, Laban Ayieko Ogallo, Jully Ouma, Guleid Artan, Charles Basalirwa, Franklin Opijah, Alex Nimusiima, Saul Daniel Ddumba, Jasper Batureine Mwesigwa, George Otieno and Jamiat Nanteza

11 Local Adaptation to Climate Extremes in Domboshawa: Opportunities and Limitations ............................................. 191
Vincent Itai Tanyanyiwa and Rejoice Madobi

Part III Limits to Climate Change Adaptation in Australia, North-America and Europe

12 The Limits of Imagination ................................................................. 211
Liese Coulter

13 Climate Change Adaptation in Coastal East Arctic Ecosystems: Complexity and Challenges of Monitoring and Evaluation .......... 227
Moktar Lamari, Line Poulin-Lariviére and Johann L. Jacob

14 Limits to Adaptation on Climate Change in Bosnia and Herzegovina: Insights and Experiences .................................... 245
Goran Trbic, Davorin Bajic, Vladimir Djurdjevic, Vladan Ducic, Raduska Cupac, Đorđe Marquez, Goran Vukmir, Radoslav Dekić and Tatjana Popov

Part IV Limits to Climate Change Adaptation in the Pacific Region

15 Climate Change Adaptation Limits in Small Island Developing States ................................................................. 263
Stacy-ann Robinson

16 Limits to Coastal Adaptation in Samoa: Insights and Experiences ................................................................. 283
Richard Crichton and Miguel Esteban

17 Limits to Capital Works Adaptation in the Coastal Zones and Islands: Lessons for the Pacific ........................................ 301
Brendan Mackey and Daniel Ware
18 A ‘Cost Barrier’ Perspective to Adaptation on a Coral Triangle Initiative (CTI) and Mangrove Rehabilitation Projects (MRP) in Solomon Islands ........................................ 325
Michael Otoara Ha’apio, Walter Leal Filho and Morgan Wairiu

19 Customary Land and Climate Change Induced Relocation: A Case Study of Vunidogoloa Village, Vanua Levu, Fiji ........... 345
Dhrisna Charan, Manpreet Kaur and Priyatma Singh

20 Limits to Adapting to Climate Change Through Relocations in Papua-New Guinea and Fiji .................... 359
Dalila Gharbaoui and Julia Blocher

21 Atoll Habitability Thresholds ................................. 381
Mark H. N. Stege

22 Conclusions: Overcoming the Limits to Adaptation ........... 401
Walter Leal Filho and Johanna Nalau
Limits to Climate Change Adaptation
Leal Filho, W.; Nalau, J. (Eds.)
2018, XII, 410 p. 40 illus., 29 illus. in color., Hardcover
ISBN: 978-3-319-64598-8