Contents

List of Figures and Map ix
List of Tables x
Acknowledgements xi
List of Acronyms xii
Notes on the Contributors xiii

1 Introduction and Overview Miriam R. Lowi and Brian R. Shaw 1

Part I: Discourses 9

2 The Changing Definition of National Security Mary Margaret Evans, John W. Mentz, Robert W. Chandler, and Stephanie L. Eubanks 11

3 Integrating Environmental Factors into Conventional Security Richard A. Matthew 33

4 Security, Governance and the Environment Steve Rayner and Elizabeth L. Malone 49

5 Human Security, Environmental Security and Sustainable Development Steve Lonergan 66

6 Geopolitics and Ecology: Rethinking the Contexts of Environmental Security Simon Dalby 84

Part II: Practices 101

7 Integration of Non-Traditional Security Issues: a Preliminary Application to South Korea Robert E. Bedeski 103
Contents

8 Trends in Transboundary Water Disputes and Dispute Resolution
Aaron T. Wolf and Jesse H. Hamner 123

9 Water and Conflict in the Middle East and South Asia
Miriam R. Lowi 149

10 Perceptions of Risk and Security: the Aral Sea Basin
Galina Sergen and Elizabeth L. Malone 172

11 Not Seeing the People for the Population: a Cautionary Tale from the Himalaya
Michael Thompson 192

Bibliography 207

Index 222