Contents

List of figures and tables viii
List of contributors ix
Foreword xiii
Acknowledgements xv
List of abbreviations xvi

1 Introduction 1
Laurence Boisson de Chazournes, Christina Leb and Mara Tignino

2 The law of international watercourses: achievements and challenges 24
Lucius Caflisch

PART I WATER AS A VITAL RESOURCE FOR STATES AND INDIVIDUALS

3 Water security, perceptions and politics: the context for international watercourse negotiations 37
David Grey and Dustin Garrick

4 Water and sanitation are human rights: why does it matter? 48
Catarina de Albuquerque

5 Water rights of indigenous peoples and local communities 69
Dinah Shelton

6 Do people have rights in boundaries' delimitations? 95
Marcelo Kohen and Mara Tignino

PART II THE PROMOTION OF WATER COOPERATION THROUGH UNIVERSAL, REGIONAL AND LOCAL REGIMES

7 The codification of universal norms: a means to promote cooperation and equity? 125
Stephen C. McCaffrey

8 A scalable approach towards realizing tangible benefits in transboundary river basins and regions 140
Jakob Granit and Marius Claassen

9 Regional contributions to international water cooperation: the UNECE contribution 155
Attila Tanzi

10 Transboundary water resources and international law: the example of the aquifer management of the Geneva region (Switzerland and France) 179
Gabriel de los Cobos

11 The Guaraní Aquifer Framework Agreement (2010) 196
Lilian del Castillo-Laborde

12 The Senegal River legal regime and its contribution to the development of the law of international watercourses in Africa 217
Makane Moïse Mbengue

PART III WATER AS A SHARED NATURAL RESOURCE

13 The contribution of procedural rules to the environmental protection of transboundary rivers in light of recent ICJ case law 239
Owen McIntyre

14 WTO and trade in natural resources 266
Valerie Hughes and Gabrielle Marceau

15 Virtual water, "land grab" and international law 298
Ellen Hey

16 Competing water use in large-scale commercial farms: Ethiopia 319
Bahakal Abate Yimer

PART IV PREVENTION AND SETTLEMENT OF WATER-RELATED DISPUTES

17 Do judicial decisions settle water-related disputes? 341
Awn S. Al-Khasawneh

18 Mediation of international water disputes — the Indus, the Jordan, and the Nile Basins interventions 360
Salman M.A. Salman

19 India and Pakistan's truculent cooperation: can it continue? 406
Undala Alam

20 State succession to water treaties: uncertain streams 421
Christina Leb and Mara Tignino

Index 445