



A 359800

Conflict Management of Water Resources

Edited by

MANAS CHATTERJI

State University of New York at Binghamton, USA

SAUL ARLOSOROFF

State Commission on the Water Sector Reform, Israel

GAURI GUHA

Arkansas State University, USA

Ashgate

Contents

<i>List of Figures</i>	viii
<i>List of Tables</i>	xi
<i>List of Contributors</i>	xiii
<i>Preface</i>	xvii
<i>Acknowledgements</i>	xxi

PART I: IMPLICATIONS AND RESOLUTIONS OF WATER RESOURCE MANAGEMENT ISSUES

1	Introduction <i>Manas Chatterji</i>	3
2	The Water Sector in the Middle-East: Potential Conflict Resolutions <i>Saul Arlosoroff</i>	47
3	The Hydro-Political Implications of the Oslo Agreements: An Israeli Perspective <i>Martin Sherman</i>	69
4	Water Management in the People's Republic of China <i>Weiluo Wang</i>	88
5	Water Resources in China's Yellow River Delta <i>Sam Cole</i>	116
6	Managing the Nile River: The Role of Sub-Basin Co-operation <i>Ashok Swain</i>	145

PART II: CO-OPERATIVE OPPORTUNITES AND EMERGING CHALLENGES

- 7 Sustainability and Conflict Management: Towards a Co-operative Manual
Keith Akiva Lehrer 163
- 8 Water Management in the Ganges-Brahmaputra Basin: Emerging Challenges for the 21st Century
Jayanta Bandyopadhyay 179
- 9 Water Resources and Environmental Management
Mohan Munasinghe 219
- 10 Some Issues Related to Conflict Management of Water Resources in Nepal
M.M. Sainju 251
- 11 Environmental and Economic Conflicts: Lessons from Europe
Allain Sallez 259
- 12 Natural Resources, Diplomacy and Security in East Asia
Nagaharu Hayabusa 264
- 13 Running Out of Water, Running Out of Time
Arun P. Elhance 267
- 14 Changing Approaches to Water Resource Management: The Case of the British Columbia Gulf Islands
David G. Banks 270
- 15 The Narmada Project: Patterns of Trans-State Confrontation, Co-operation and Conflict Management
Pravin Sheth 275
- 16 Identifying Management Strategies of Common Pool Regimes: Groundwater Resources
M. Dinseh Kumar 290

17	Management of Water Resources Through Panchayati Raj Institutions: A Case Study <i>Jayant Patil</i>	304
18	Management of Arsenic Contaminated Groundwater in the Bengal Delta Plain <i>P. Bhattacharya and A.B. Mukherjee</i>	308
19	Water Resources and Mountain Communities <i>S.K. Mattoo</i>	349
20	Imperative Prospects of Indo-Nepal Co-operation for the Optimum Water Resources Development of the Kosi Basin <i>T. Prasad</i>	352
21	Emerging Concepts in Ecological Humanism <i>Devarat N. Pathak</i>	355