



EDITED BY SHAFIQL ISLAM  
AND KAVEH MADANI



### Water Diplomacy in Action

#### Contingent Approaches to Managing Complex Water Problems

*Edited by Shafiqul Islam and Kaveh Madani*

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### A synthesis of theoretical and practical aspects of water diplomacy framework to resolve complex water problems

“This volume amplifies the fact that water is an interdisciplinary resource and analyzes the complex array of interconnected water issues that cross multiple boundaries. It diagnoses water problems, identifies intervention points and proposes some sustainable solutions that blend science, law, policy and politics. It is a major contribution to the field of water diplomacy.”

—Salman M. A. Salman, former World Bank Adviser on Water Law and Editor-in-Chief, International Water Law

“Opening up avenues for nonviolent resolution of water-related disputes and conflicts, this book shows how diverse knowledge bases can be used for putting that very useful goal in real-world actions.”

—Jayanta Bandyopadhyay, Visiting Distinguished Fellow, Observer Research Foundation, India

“Water Diplomacy in Action provides a comprehensive view on complex water problems, integrating qualitative and quantitative approaches and combining these with real-life case studies.”

—Erik Mostert, Assistant Professor, Department of Water Management, Delft University of Technology, The Netherlands

Rooted in the ideas of complexity science and mutual gains negotiation, this volume shows why traditional systems engineering approaches will not work for complex water problems and what emerging tools and techniques are needed to resolve them. This collection successfully synthesizes insights from theory and practice to advocate for contingent and adaptive management using a water diplomacy framework.

### About the Author(s) / Editor(s)

Shafiqul Islam is a professor of civil and environmental engineering and professor of water diplomacy at the Fletcher School of Law and Diplomacy, Tufts University. He is the director of the Water Diplomacy Program and the 2016 recipient of the Prince Sultan Bin Abdulaziz International Water Prize for Creativity.

Kaveh Madani is a reader in systems analysis and policy at the Centre for Environmental Policy of the Imperial College London. He is one of the four recipients of the Arne Richter Award for Outstanding Young Scientists in 2016 for his fundamental contributions to integrating game-theory and decision-analysis into water management models.

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