# Table of Contents

Prefaces

Suranjan Panigrahi \( v \)

Sudhindra Nath Panda \( vi \)

Suresh V. Garimella \( vii \)

Sunando DasGupta \( viii \)

Acknowledgments \( ix \)

A System-Based Analysis and Approach for Water-Linked Health and Wellness in Low-Resource Setting

\( \text{Suranjan Panigrahi} \)

Rural Drinking Water Situation: Challenges and Opportunities in West Bengal

\( \text{S.N. Dave and A. Shunmuga Sundarraj} \)

Quantification and Control of Nonpoint Source Pollution of Water Resources to Minimize Health Hazards

\( \text{R.K. Panda, Gurjeet Singh, and D. Halder} \)

Human Health Concerns of Drinking Water Chemical Contaminants in Eastern India

\( \text{Jennifer L. Freeman} \)

Drinking Water Contaminants: Maternal and Fetal Health Risks

\( \text{Arun Bhaskar V. and Koel Chaudhury} \)

Ground Water Monitoring in Odisha State

\( \text{Susanta K. Pattanaik} \)

Sampling Frequency for Quality Water Data, Thinking About the Sampling Frequency

\( \text{Ronald F. Turco and Megan Heller Haas} \)

Water Technology Landscape and Right to Clean Drinking Water—An Indian Perspective

\( \text{K.D. Raju} \)

An Introduction to Economic Frameworks for Consumer Decision Making Related to Water-Linked Health and Wellness

\( \text{Nicole Olynk Widmar and Benjamin M. Gramig} \)

Addressing the Social, Cultural, Gender, and Equity Dimensions in WASH (Water, Sanitation, and Health), Orissa, Through Consumer Participation

\( \text{Lalatendu Acharya} \)

Rainwater Conservation and Reuse for Increasing Agricultural Sustainability of Rain-Fed Upland Ecosystem in Eastern India

\( \text{S.N. Panda} \)
Flood Modeling Within the Context of Sustainable Water Resources Management

Venkatesh Merwade

Invited Guest’s Reflection: Water Quality and Sanitation for Human Health—A Physician’s Perspective

Sudhanshu Sekhar Mishra

Invited Guest’s Reflection: Water Quality Issue in Selected Region in Orissa—An Eastern State of India

Ajit Kumar Panda

Pictures and Reflections