



**"RIVERS OF HUMID TROPICS IN THE  
ANTHROPOCENE – FLUVIAL DYNAMICS,  
HUMAN INTERVENTIONS, HEALTH AND  
POSSIBLE FUTURES"**

**SPRINGER NATURE**

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# ABOUT THE BOOK

"RIVERS OF HUMID TROPICS IN THE ANTHROPOCENE – FLUVIAL DYNAMICS, HUMAN INTERVENTIONS, HEALTH AND POSSIBLE FUTURES" IS AN UPCOMING EDITED VOLUME THAT EXPLORES THE COMPLEX AND EVOLVING RELATIONSHIP BETWEEN TROPICAL RIVER SYSTEMS AND HUMAN SOCIETY IN THE ERA OF THE ANTHROPOCENE. THE BOOK DELVES INTO THE PHYSICAL, ECOLOGICAL, AND SOCIO-ECONOMIC DYNAMICS OF FLUVIAL SYSTEMS IN HUMID TROPICAL REGIONS, EXAMINING HOW THESE RIVERS ARE SHAPED BY BOTH NATURAL PROCESSES AND A WIDE ARRAY OF HUMAN INTERVENTIONS SUCH AS DAM CONSTRUCTION, LAND-USE CHANGES, POLLUTION, AND URBANIZATION. SPECIAL EMPHASIS IS GIVEN TO THE CONSEQUENCES OF THESE INTERVENTIONS ON RIVER HEALTH, ECOSYSTEM SERVICES, AND THE WELL-BEING OF COMMUNITIES DEPENDENT ON THESE WATERCOURSES. DRAWING ON INTERDISCIPLINARY RESEARCH AND CASE STUDIES FROM DIVERSE GEOGRAPHIC CONTEXTS, THE VOLUME ADDRESSES CURRENT CHALLENGES AND OUTLINES POSSIBLE FUTURE SCENARIOS FOR RIVER MANAGEMENT, CONSERVATION, AND RESTORATION. THIS BOOK AIMS TO SERVE AS A COMPREHENSIVE RESOURCE FOR RESEARCHERS, PRACTITIONERS, POLICYMAKERS, AND STUDENTS INTERESTED IN RIVER SCIENCE, ENVIRONMENTAL MANAGEMENT, AND SUSTAINABLE DEVELOPMENT IN TROPICAL REGIONS.

## KEY FEATURES

INTERDISCIPLINARY PERSPECTIVE ON TROPICAL RIVERS

HIGHLIGHTS HUMAN IMPACTS

INCLUDES GLOBAL CASE STUDIES

FOCUSES ON FUTURE SOLUTIONS



# SECTION HIGHLIGHTS

1. INTRODUCTION TO LARGE  
TROPICAL RIVERS IN THE  
ANTHROPOCENE

2. ALTERED FLUVIAL DYNAMICS

3. HUMAN-INDUCED CHANNEL  
ADJUSTMENT

4. RIVER ECOSYSTEM HEALTH AND  
BIODIVERSITY

5. SUSTAINABLE RIVER MANAGEMENT  
AND RESTORATION

6. FUTURE SCENARIOS AND  
ADAPTATION STRATEGIES FOR RIVER  
FLOODING



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## 2.CHAPTER COMPOSITION

EACH CHAPTER SHOULD GENERALLY CONTAIN THE FOLLOWING ELEMENTS:

### 2.1.CHAPTER TITLE

FULL AUTHOR DETAILS (INCLUDING AFFILIATIONS, CONTACT INFORMATION, AND ORCID IF AVAILABLE)

### 2.2 AN ABSTRACT (250–300 WORDS)

4–6 RELEVANT KEYWORDS

### 2.3 INTRODUCTION

ORGANIZED MAIN TEXT (WITH SECTIONS AND SUBSECTIONS AS APPROPRIATE)

### 2.4 CONCLUSION

COMPLETE REFERENCE LIST (SEE STYLE GUIDELINES BELOW)

### 2.6 FIGURES, TABLES, AND IMAGES

ENSURE THAT EVERY FIGURE AND TABLE IS SEQUENTIALLY NUMBERED AND PROVIDED WITH A CAPTION. SUBMIT ONLY HIGH-RESOLUTION IMAGES (AT LEAST 300 DPI), PREFERABLY IN TIFF/JPEG FORMAT. USE ORIGINAL FIGURES AND TABLES, OR PROVIDE WRITTEN PERMISSION FOR ANY THIRD-PARTY IMAGES INCLUDED. ALL VISUALS WILL APPEAR IN FULL COLOR, BOTH IN PRINT AND ONLINE VERSIONS. PLEASE PROVIDE EACH FIGURE/TABLE/PHOTOGRAPH BOTH WITHIN THE MANUSCRIPT AND AS SEPARATE HIGH-RESOLUTION FILES.

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