

Integrated River Basin Management for Effective Flood Risk Reduction

Author(s) : Phong Tran and Rajib Shaw

Consultant, United Nations International Strategy for Disaster Reduction, Thailand
Associate Professor, Graduate School of Global Environmental Studies, Kyoto University, Japan

About the Book

This invaluable book describes innovative findings of integrated river basin management with specific emphasis on flood risk reduction. This book also presents the method and application of the participatory GIS and remote sensing for disaster risk assessment, which is one of the pioneering approaches in the field of flood risk and river basin management. An integrated model for flood risk reduction developed in this book can be applicable to other regions with similar context.

This highly original research in this book tackles the issue of how people at community level deal with severely increased disaster impacts, and how the larger macro political economy encounters this dilemma phenomenon, and the options for amelioration within the context of developing countries. There are three main topics in the book:

- (i) examine the disaster and environment linkages at local context,
- (ii) analyze the common perceptions and scientific evidences of those linkages; and
- (iii) assess the impact of the disaster on environment and socio-economy and recommend the solutions to sustainably reduce the adverse disaster impacts.

Table of Contents

CHAPTER 1. INTRODUCTION

CHAPTER 2. DISASTER RISK MANAGEMENT LITERATURE REVIEW

CHAPTER 3. DISASTER, ENVIRONMENT AND DEVELOPMENT LINKAGES

CHAPTER 4. CONTEXT OF DISASTER RISK MANAGEMENT IN VIET NAM

CHAPTER 5. CONTEXT OF THUA THIEN HUE PROVINCE

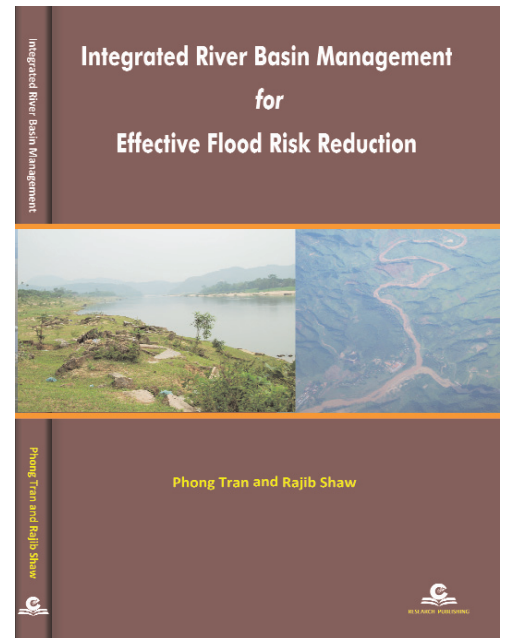
CHAPTER 6. DRR OPERATION ASSESSMENT

CHAPTER 7. FOREST COVER AND CATASTROPHIC FLOOD LINKAGES

CHAPTER 8. ANNUAL FLOOD IMPACT: ISSUE IN COASTAL AREAS

CHAPTER 9. PARTICIPATORY FLOOD RISK MAPPING

CHAPTER 10. DISCUSSION AND CONCLUSION



ISBN : 978-981-08-2427-3
(hardbound)
Page : 314pp
Year : 2009
Price : US\$48 / €37

Full length contents available at:
www.rpsonline.com.sg/books/irbm_cont.html

Readership: Researchers, Undergraduate and Postgraduate students, Practitioners, Policy makers, particularly in the fields of natural resource management and disaster risk reduction, NGOs, Professionals, Practitioners and the Local governments.

