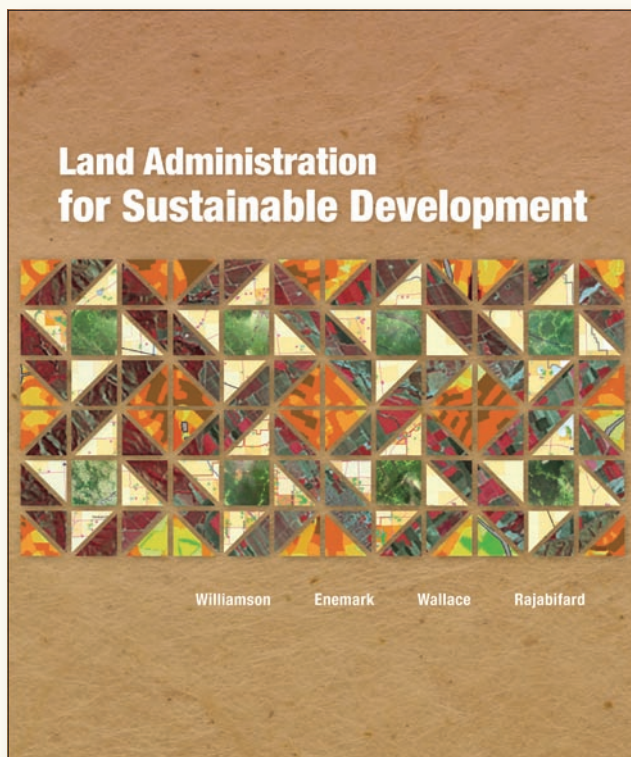


Land Administration for Sustainable Development

By Ian Williamson, Stig Enemark, Jude Wallace, and Abbas Rajabifard



About This Book

Land Administration for Sustainable Development offers practical information on how to design, build, and manage land administration systems (LAS) in support of better land management and sustainable development. This book also describes emerging tools for LAS design and provides a toolbox of best practices that can be tailored to meet specific country needs.

Land Administration for Sustainable Development is a resource for anyone interested in economic development, environmental and resource management, poverty alleviation, social equity, and indigenous rights management.

Available: December 2009

ISBN: 9781589480414



**ESRI
PRESS**

ACADEMIC

Table of Contents

List of tables

Preface

Acknowledgments

About the authors

List of abbreviations

Part 1 Introducing land administration

Chapter 1: Setting the scene

- 1.1 Integrated land administration
- 1.2 Why build a land administration system?
- 1.3 The changing nature of land administration systems
- 1.4 Land reform
- 1.5 Good governance
- 1.6 Ten principles of land administration

Chapter 2: People and land administration

- 2.1 People and land
- 2.2 Historical evolution

Part 2 A new theory

Chapter 3: The discipline of land administration

- 3.1 Evolution of land administration as a discipline
- 3.2 Land administration and sustainable development
- 3.3 Incorporation of restrictions and responsibilities in LAS

Chapter 4: Land administration processes

- 4.1 Importance of land administration processes
- 4.2 Core land administration processes
- 4.3 Examples of tenure processes
- 4.4 Reforming LAS by improving process management

Chapter 5: Modern land administration theory

- 5.1 Designing LAS to manage land and resources
- 5.2 The cadastre as an engine of LAS

Part 3 Building modern systems

Chapter 6: Building land markets

- 6.1 A land administration view of land markets
- 6.2 Building infrastructure to support formal markets
- 6.3 Land valuation and taxation

Chapter 7: Managing the use of land

- 7.1 Land use
- 7.2 Planning control systems
- 7.3 Urban land-use planning and regulations
- 7.4 Rural planning and sectoral land-use regulations
- 7.5 Land consolidation and readjustment
- 7.6 Integrated land-use management
- 7.7 Land development

Continued on back

Land Administration for Sustainable Development



Figure 1.4: An informal settlement in Vietnam is an example of the types of challenges posed by an LAS that develops informally.

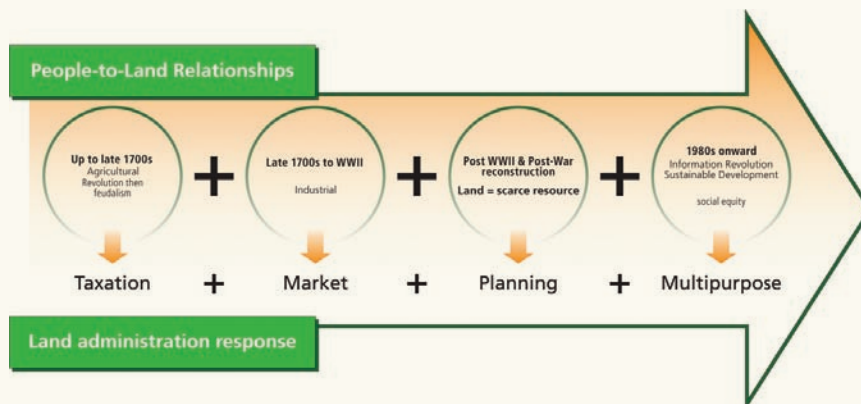


Figure 2.7: The land administration response to the four general stages of people-to-land relationships has resulted in the need for a multipurpose cadastre to be used in LAS. (After Ting et al., 1999)

How to Order

ESRI Press books are available in bookstores and at online retailers worldwide. Within the U.S., you can place an order online at www.esri.com/esripress or call 1-800-447-9778. Outside the U.S., visit www.esri.com/esripressorders for complete ordering information.

Chapter 8: Marine administration

- 8.1 The need to improve marine administration
- 8.2 Challenges in building marine administration systems
- 8.3 Existing marine administration
- 8.4 The marine cadastre concept
- 8.5 Marine registers
- 8.6 Developing a marine SDI
- 8.7 Using the land management paradigm to meet marine needs

Chapter 9: SDIs and technology

- 9.1 Why do LAS need an SDI?
- 9.2 Introducing the SDI
- 9.3 Integrating information about the natural and built environments
- 9.4 Making ICT choices
- 9.5 Land administration and cadastral data modeling
- 9.6 Maintaining momentum

Chapter 10: Worldwide land administration activities

- 10.1 Land projects
- 10.2 Recent land administration and cadastral activities
- 10.3 The Worldwide Cadastral Template Project
- 10.4 Improving capacity to make global comparisons

Part 4 Implementation

Chapter 11: Capacity building and institutional development

- 11.1 The modern capacity-building concept
- 11.2 Capacity development
- 11.3 Capacity-building issues in land administration
- 11.4 Institutional capacity in land management
- 11.5 Education and training in land administration

Chapter 12: The land administration toolbox

- 12.1 Using land administration tools
- 12.2 General tools
- 12.3 Professional tools
- 12.4 Emerging tools

Chapter 13: Project management and evaluation

- 13.1 Project context
- 13.2 Designing and building land administration systems
- 13.3 Evaluating and monitoring land administration systems

Part 5 The future of land administration

Chapter 14: Future trends

- 14.1 The land administration journey
- 14.2 LAS supporting sustainable development
- 14.3 LAS to support spatially enabled society
- 14.4 LAS issues in the next decade
- 14.5 The challenges ahead

Glossary

Reference list
Index