Record Nr. UNINA9910782135903321 **Titolo** Sustainable land management sourcebook Washington, DC:,: World Bank,, [2008] Pubbl/distr/stampa copyright 2008 **ISBN** 0-8213-7433-8 Descrizione fisica xiv, 178 pages: illustrations, maps;; 28 cm Collana Agriculture and rural development 333.73 Disciplina Soggetti Land use - Environmental aspects Rural development - Environmental aspects Sustainable agriculture Lingua di pubblicazione Inglese **Formato** Materiale a stampa Livello bibliografico Monografia Description based upon print version of record. Note generali Nota di bibliografia Includes bibliographical references and index. Nota di contenuto CONTENTS: BOXES: FIGURES: TABLES: PREFACE: ACKNOWLEDGMENTS: ABBREVIATIONS; PART I Sustainable Land Management: Challenges and Opportunities; CHAPTER 1 Overview; Box 1.1 Ecosystem Services; Box 1.2 Historical Perspective on Landscapes, Land Management, and Land Degradation; Figure 1.1 Global Food Production, Food Prices, and Undernourishment in Developing Countries, 1961-2003; Figure 1.2 Typical Set of Production Activities (Forestry, Crop and Livestock Production, Hydropower, and Coastal Fisheries) Encountered in a **Production Landscape** Figure 1.3 World Comparisons of Food Production and Consumption 2003Box 1.3 Pressure-State-Response Framework; Table 1.1 Comparison of Farming Systems by Category; Box 1.4 Household Strategies to Improve Livelihoods; Box 1.5 Key Safeguard Policy Issues for SLM and Natural Resource Management Investments; PART II Major Farming Systems: Investment Options and Innovations; CHAPTER 2 Introduction; CHAPTER 3 Rainfed Farming and Land Management Systems in Humid Areas; Figure 3.1 Months of Consecutive Dry Season;

Table 3.1 Forage Use and Production Criteria

Box 3.1 Example of Pasture Rehabilitation and Intensification from HondurasFigure 3.2 Nigerian Soybean Production (1988-2006) and Markets in Ibadan (1987-2000); Table 3.2 ASB Summary Matrix: Forest

Margins of Sumatra; Box 3.2 Examining Hydrological Contradictions in the North China Plain; Figure 3.3 Irrigation History of Luancheng County: Estimated Pumping for Irrigation, 1949-99; Figure 3.4 General Relationships between Precipitation and Evapotranspiration for Cropland in Luancheng County, 1947-2000; Figure 3.5 Hydronomic Zones in a River Basin

Box 3.3 Types of Environmental Services Generated by Good Land-Use Practices Table 3.3 Incidence of Costs and Benefits for Environmental Services; Table 3.4 Total Number of Plant Species Recorded in Three Fallow Types in the Humid Forest Zone of Southern Cameroon; Table 3.5 List of the Four Most Preferred Priority Indigenous Fruit Tree Species in Selected Regions; Figure 3.6 Schematic Trade-off between Reduced GHG Emissions through Avoided Deforestation and National Economic Development Opportunities; Figure 3.7 Area and Production Increases in Freshwater Aquaculture in Vietnam, 1999-2005 Table 3.6 Percentage of Farm Households Practicing Freshwater Aquaculture in 2000 and 2004 by Wealth GroupsFigure 3.8 Bioresource Flows of an IAA Pond with Medium-Input Fish Farming in the Mekong Delta: CHAPTER 4 Rainfed Farming Systems in Highlands and Sloping Areas; Table 4.1 Farmers Planting Fodder Shrubs in Kenya, Northern Tanzania, Rwanda, and Uganda; CHAPTER 5 Rainfed Dry and Cold Farming Systems: Table 5.1 Chemical Characteristics of 924 Soil Samples Collected from Farmers' Fields in Three Districts of Andhra Pradesh. India. 2002-04

Table 5.2 Biological and Chemical Properties of Semiarid Tropical Vertisols

## Sommario/riassunto

The Sustainable Land Management Sourcebook is a resource of good practice information on land and natural resource management issues that will be of operational relevance to practitioners in the tropics and sub-tropics. The Sourcebook covers a comprehensive range of topics on the technical issues of land and natural resource management and is presented in a way that will facilitate use by both experts and lay readers. The text is well-illustrated with graphs and photos and for the more specialized reader, key references and web links to institutional reference databases are provided.