Record Nr. UNINA9910380744303321 Antle John M Autore **Titolo** Sustainable Agricultural Development: An Economic Perspective / / by John M. Antle, Srabashi Ray Pubbl/distr/stampa Cham:,: Springer International Publishing:,: Imprint: Palgrave Macmillan, , 2020 **ISBN** 9783030345990 3030345998 [1st ed. 2020.] Edizione Descrizione fisica 1 online resource (229 pages): illustrations Collana Palgrave Studies in Agricultural Economics and Food Policy, , 2662-3897 330 Disciplina 338.9 Soggetti **Economics** Agriculture - Economic aspects Development economics Economic development Physical geography Agricultural Economics **Development Economics Development Studies** Political Economy and Economic Systems Physical Geography Lingua di pubblicazione Inglese **Formato** Materiale a stampa Monografia Livello bibliografico Nota di bibliografia Includes bibliographical references and index. Nota di contenuto 1. Introduction -- 2. Economic Development, Sustainable Development and Agriculture -- 3. Sustainability of Agricultural Systems -- 4. Challenges of Sustainable Agriculture in Developing Countries -- 5. Challenges of Sustainable Agricultural Development in High-Income Countries -- 6. Pathways to Sustainable Agricultural Development. This book provides a non-technical, accessible primer on sustainable Sommario/riassunto agricultural development and its relationship to sustainable

development based on three analytical pillars. The first is to understand agriculture as complex physical-biological-human systems. Second is

the economic perspective of understanding tradeoffs and synergies among the economic, environmental and social dimensions of these systems at farm, regional and global scales. Third is the understanding of these agricultural systems as the supply side of one sector of a growing economy, interacting through markets and policies with other sectors at local, national and global scales. The first part of the book introduces the concept of sustainability and develops an analytical framework based on tradeoffs quantified using impact indicators in the economic, environmental and social domains, linking this framework to the role of agriculture in economic growth and development. Next the authors introduce the reader to the sustainability challenges of major agroecosystems in the developing and industrialized worlds. The concluding chapter discusses the design and implementation of sustainable development pathways, through the expression of consumers' desire for sustainably produced foods on the demand side of the food system, and through policies on the supply side such as new more sustainable technologies, environmental regulation and payments for ecosystem services.