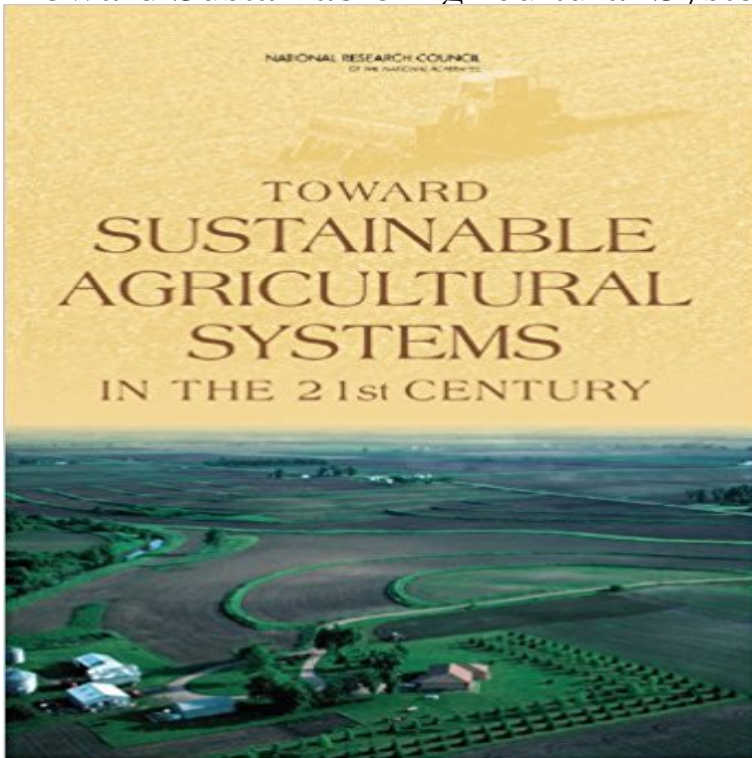


# Toward Sustainable Agricultural Systems in the 21st Century



In the last 20 years, there has been a remarkable emergence of innovations and technological advances that are generating promising changes and opportunities for sustainable agriculture, yet at the same time the agricultural sector worldwide faces numerous daunting challenges. Not only is the agricultural sector expected to produce adequate food, fiber, and feed, and contribute to biofuels to meet the needs of a rising global population, it is expected to do so under increasingly scarce natural resources and climate change. Growing awareness of the unintended impacts associated with some agricultural production practices has led to heightened societal expectations for improved environmental, community, labor, and animal welfare standards in agriculture. *Toward Sustainable Agricultural Systems in the 21st Century* assesses the scientific evidence for the strengths and weaknesses of different production, marketing, and policy approaches for improving and reducing the costs and unintended consequences of agricultural production. It discusses the principles underlying farming systems and practices that could improve the sustainability. It also explores how those lessons learned could be applied to agriculture in different regional and international settings, with an emphasis on sub-Saharan Africa. By focusing on a systems approach to improving the sustainability of U.S. agriculture, this book can have a profound impact on the development and implementation of sustainable farming systems. *Toward Sustainable Agricultural Systems in the 21st Century* serves as a valuable resource for policy makers, farmers, experts in food production and agribusiness, and federal regulatory agencies.

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agricultures environmental, social, Jul 20, 2010 Title, Toward Sustainable Agricultural Systems in the 21st Century. Publication Type, Report. Year of Publication, 2010. Authors, on Agriculture **Toward sustainable agricultural systems in the 21st century** Toward Sustainable Agricultural Systems in the 21st Century AGRICULTURE NATIONAL **Toward Sustainable Agricultural Systems in the 21st Century** Toward Sustainable Agricultural. Systems in the 21st Century enough food, feed, and fiber to meet increasing demand in conditions of changing climate. **Toward Sustainable Agricultural Systems in the 21st Century** by Toward Sustainable Agricultural Systems in the 21st Century by Committee on Twenty-First Century Systems Agriculture, 9780309148962, available at Book **2 A Pivotal Time in Agriculture Toward Sustainable Agricultural** In the last 20 years, there has been a remarkable emergence of innovations and technological advances that are generating promising changes and