Facilitating Sustainable Agriculture: Participatory Learning and Adaptive Management in Times of Environmental Uncertainty

Abstract
This book examines the implications of adapting more ecologically sound agricultural practices, both at the level of individual farmers and at the level of larger-scale agro-ecosystems such as water catchments. The emphasis of the book is on human and social aspects, rather than on agronomic or economic considerations, focusing on the learning process necessary for changes to be implemented and, in turn, on the facilitation of that learning through participatory approaches and appropriate institutional support and policy structure. It covers agricultural development, sustainable development and extension science as a move towards more flexible, sustainable agricultural practices is increasingly being seen as the way to address or avoid environmental and economic problems associated with existing, predominantly intensive, farming systems. Through case studies taken from around the world, this book examines the implications of adopting more ecologically sound agricultural practices, both at the level of individual farmers and at the level of larger-scale agro-ecosystems such as water catchments.

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