

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



Date  
1998

Author  
Röling, N.  
Wagemakers, M. A. E.

Metadata  
[Show full item record](#)

## 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.

URI  
<http://hdl.handle.net/10919/66751>

Collections  
[Sustainable Agriculture and Natural Resource Management \(SANREM\) Knowledgebase \[3994\]](#)

If you believe that any material in VTechWorks should be removed, please see our [policy and procedure for Requesting that Material be Amended or Removed](#). All takedown requests will be promptly acknowledged and investigated.

[Virginia Tech](#) | [University Libraries](#) | [Contact Us](#)

^ Roling, N. and Wagemakers, A. Editors.(1998), *Facilitating Sustainable Agriculture: Participatory learning and adaptive management in times of environmental uncertainty*, Cambridge University Press. ^ Encyclopedia of public relations Archived April 16, 2009, at the Wayback Machine, by Robert L. Heath, 2005. Retrieved October 7, 2009. ^ International Finance Corporation (2013). *Working with Smallholders: A Handbook for Firms Building Sustainable Supply Chains*. "Archived copy". Archived from the original on 2013-12-03. *Facilitating sustainable agriculture: participatory learning and adaptive management in times of environmental uncertainty*. Edited by N. G. Roling and M. A. E. Wagemakers. Cambridge, New York, Cambridge University Press, 1998. New York, Franklin Watts, c1995. 128 p. Bibliography: p. 122-123. Describes the problems in American agriculture due to technological innovation, gives a history of American agriculture to explain the origins of the crisis, and outlines the limitations of government farm programs and policies to cope. HD1476.U5G65 1995. Mancini, William E. *Farming and the environment*. Sustainable agriculture is farming in sustainable ways, which means meeting society's present food and textile needs, without compromising the ability for current or future generations to meet their needs. It can be based on an understanding of ecosystem services. There are many methods to increase the sustainability of agriculture. When developing agriculture within sustainable food systems, it is important to develop flexible business process and farming practices.