

Agroforestry for sustainable agriculture

Edited by Professor María Rosa Mosquera-Losada
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Agroforestry for sustainable agriculture

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Endorsement:

"Based on the breadth of topics covered and the experience and expertise of the distinguished editors and contributing authors, this book promises to be a substantial addition to the growing body of knowledge on agroforestry and a valuable reference material for all interested in the subject."

P. K. Ramachandran Nair, Distinguished Professor, University of Florida, USA; co-founder of ICRAF.

Description:

Agroforestry seeks to balance protection of forest resources, the exploitation of the ecosystem services that trees can contribute to agriculture and the role of agroforestry in diversifying the range of agricultural products and markets.

This volume reviews the latest research on the role and implementation of main types of agroforestry, understanding and assessing the ecosystem services that agroforestry can deliver and techniques for optimising agroforestry practice. The book's main focus is on temperate agroforestry, but also reviews particular issues facing agroforestry in the tropics.

The collection will be a standard reference for forestry and agricultural scientists in universities, government and other research centres in agroforestry

Key features:

- Comprehensive review of the effectiveness of particular agroforestry practices, from riparian forest buffers and filter strips, windbreaks and contour buffers to alley cropping, silvopasture and forest farming
- Summarises current research on ecosystem services delivered by agroforestry, from promoting biodiversity and soil health to water quality and management
- Assesses research on best practice in tree planting and management as well as optimising agroforestry products, from timber and nuts to bioenergy

Audience:

Academic researchers in forestry and agricultural science; international and national government and research agencies promoting agroforestry in particular countries and regions.

Editors' details:

Dr María Rosa Mosquera-Losada is Professor at the University of Santiago de Compostela, Spain. Professor Mosquera-Losada is President of the European Agroforestry Federation (EURAF) and one of the Work Package Leaders for the major EU AGFORWARD Project.

Dr Ravi Prabhu is Deputy Director General (Research) at the World Agroforestry Centre (ICRAF) in Kenya. Dr Prabhu was previously Senior Programme Officer for Forests and Climate Change at the United Nations Environment Programme (UNEP).

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Related products:

- Achieving sustainable cultivation of temperate zone tree fruits and berries Volume 1, 978-1-78676-208-5, 31 Mar 2019, GBP 140.00, EUR 170.00, USD 180.00, CAD 240.00, and AUD 250.00
- Achieving sustainable cultivation of temperate zone tree fruits and berries Volume 2, 978-1-78676-212-2, 31 Mar 2019, GBP 140.00, EUR 170.00, USD 180.00, CAD 240.00, and AUD 250.00
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