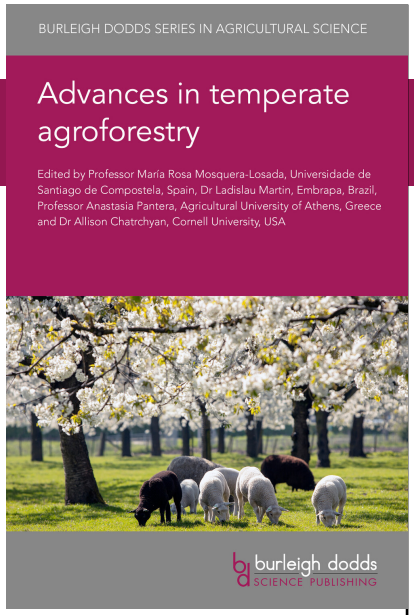

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Advances in temperate agroforestry

Edited by: Professor Maria Rosa Mosquera-Losada, Universidade de Santiago de Compostela, Spain; Dr Ladislau Martin, Embrapa, Brazil; Professor Anastasia Pantera, Agricultural University of Athens, Greece; and Dr Allison Chatrchyan, Cornell University USA

Description:

With growing concern about the environmental impact of agriculture and its consequent contribution to climate change, there is an increasing interest in the implementation of agroecological approaches to achieve a more sustainable agriculture. Agroforestry is one area of research which has gained significant momentum in recent years.

Advances in temperate agroforestry reviews key recent advances in measuring and valuing how agroforestry systems promote biodiversity and deliver ecosystem services such as soil carbon sequestration. The book also considers the development of different silvopastoral and silvoarable practices, including integrating trees and livestock in timber forests, orchard and pasture systems, as well as alley cropping and intercropping.

Key features:

- Provides a comprehensive overview of the ways agroforestry can support key ecosystem services
- Reviews the range of silvopastoral and silvoarable systems and their application in agriculture to optimise crop and livestock production
- Considers the benefits of temperate agroforestry in mitigating/adapting to climate change

Audience:

University and other researchers in forestry and agricultural science, arboriculturists, government and other agencies promoting agroforestry and sustainable agriculture, as well as farmers interested in adopting agroforestry practices on their farms.

Editors' details:

Dr María Rosa Mosquera-Losada is Distinguished Professor at the University of Santiago de Compostela, Spain. Professor Mosquera-Losada is President of the Spanish Agroforestry Association (AGFE) and a former President of the European Agroforestry Federation (EURAF).

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