

## **Advances in Agroforestry**

A book series published by Springer, Dordrecht, The Netherlands.

Series Editor:

P. K. R. Nair, University of Florida, USA ([pknair@ufl.edu](mailto:pknair@ufl.edu)); Web: [sfrc.ifas.ufl.edu/faculty/nair](http://sfrc.ifas.ufl.edu/faculty/nair)

Aims and Scope

Agroforestry, the purposeful growing of trees and crops in interacting combinations, began to attain prominence in the late 1970s, when the international scientific community embraced its potentials in the tropics and recognized it as a practice in search of science. During the 1990s, the relevance of agroforestry for solving problems related to deterioration of family farms, increased soil erosion, surface and ground water pollution, and decreased biodiversity was recognized in the industrialized nations too. Thus, agroforestry is now receiving increasing attention as a sustainable land-management option the world over because of its ecological, economic, and social attributes. Consequently, the knowledge-base of agroforestry is being expanded at a rapid rate as illustrated by the increasing number and quality of scientific publications of various forms on different aspects of agroforestry.

Making full and efficient use of this upsurge in scientific agroforestry is both a challenge and an opportunity to the agroforestry scientific community. In order to help prepare themselves better for facing the challenge and seizing the opportunity, agroforestry scientists need access to synthesized information on multi-dimensional aspects of scientific agroforestry.

The aim of this new book-series, *Advances in Agroforestry*, is to offer state-of-the art synthesis of research results and evaluations relating to different aspects of agroforestry. Its scope is broad enough to encompass any and all aspects of agroforestry research and development. Contributions are welcome as well as solicited from competent authors on any aspect of agroforestry. Volumes in the series will consist of reference books, subject-specific monographs, peer-reviewed publications out of conferences, comprehensive evaluations of specific projects, and other book-length compilations of scientific and professional merit and relevance to the science and practice of agroforestry worldwide.

***Volumes published in the Advances in Agroforestry Book Series (All books are peer-reviewed)***

As of April 2015:

- # 12. Peri, L., Dube, F., and Varella, A. C. (eds). 2015. Silvopastoral Systems in Southern South America. *Advances in Agroforestry* 12 (in press).
- # 11. Dagar, J. C. and Minhas, P. S. (eds). 2015. Agroforestry for Management of Waterlogged Saline Soils and poor-Quality Waters. *Advances in Agroforestry* 11 (in press).
- # 10. Dagar, J. C., Singh, A. K., Arunachalam, A. (eds). 2014. Agroforestry Systems in India: Livelihood Security and Ecosystem Services [Foreword by P. K. R. Nair], *Advances in Agroforestry* 10, 400 p. ISBN 978-94-007-4676-3.
- # 9. Nair, P. K. R. and Garrity, D. P. (eds). 2012. Agroforestry – The Future of Global Land Use. *Advances in Agroforestry* 9, 541 p.; ISBN 978-94-007-4675-6.

- # 8. Kumar, B. M. and Nair, P. K. R. (eds). 2011. Carbon Sequestration in Agroforestry Systems: opportunities and Challenges, *Advances in Agroforestry* 8, 307 p. ISBN: 978-94-007-1629-2.
- # 7. Jose, S. 2010. Agroforestry for Ecosystem Services and Environmental Benefits. Reprinted from *Agroforestry Systems*, Volume 76 (1), *Advances in Agroforestry* 7, 264 p. ISBN: 978-90-481-3322-2.
- # 6. Rigueiro-Rodríguez, A., McAdam, J. H., and Mosquera-Losada, M. R. (eds). (2008). Agroforestry in Europe [Foreword by P. K. R. Nair], *Advances in Agroforestry* 6, 452 p. ISBN: 978-1-4020-8271-9.
- # 5. Snelder, D. J. and Lasco, R. D. (eds). (2008). Smallholder Tree Growing for Rural Development and Environmental Service: Lessons from Asia [Foreword by P. K. R. Nair], *Advances in Agroforestry* 5, 494 p. ISBN: 978-1-4020-8260-3.
- # 4. Jose, S. and Gordon, A. M. (eds). 2008. Toward Agroforestry Design: An Ecological Approach. *Advances in Agroforestry* 4, 312 p. ISBN 1-4020-4947-2.
- # 3. Kumar, B. M. and Nair, P. K. R. (eds). 2006. Tropical Homegardens: A Time-Tested Example of Sustainable Agroforestry. *Advances in Agroforestry* 3, 390 p. Springer Science, Dordrecht. ISBN 1-4020-4947-1.
- # 2. Alavalapati J. R. R., Mercer D. E. (eds). 2004. Valuing Agroforestry Systems: Methods and Applications. *Advances in Agroforestry* 2, 314 p. Kluwer Academic Publishers, Dordrecht, The Netherlands. ISBN 1-4020-2412-6.
- # 1. Nair, P. K. R., Rao M. R., Buck L. E. (eds). 2004. New Vistas in Agroforestry: A Compendium for the 1<sup>st</sup> World Congress of Agroforestry. *Advances in Agroforestry* 1, 480 p. Kluwer Academic Publishers, Dordrecht, The Netherlands, ISBN 1-4020-2501-7.