Protecting natural capital and biodiversity in the agri-food sector

dited by Professor Jill Atkins, Cardiff University, UK



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New title information

Protecting natural capital and biodiversity in the agri-food sector

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Endorsement:

"Protecting natural capital and biodiversity in the agri-food sector is a welcome addition to the Burleigh Dodds' collection of volumes on sustainable agriculture. The general effects of both the extensive and intensive growth of agriculture on biodiversity are reasonably well known, but this volume offers a deeper dive into the biodiversity impacts of specific technologies in particular places, along with the accounting protocols by which those impacts may be measured. Professor Atkins has assembled a team of authors from Europe, South Africa, and the USA whose expertise spans the science, accounting, and governance of the biodiversity impacts of the agri-food sector. Their contributions are likely to be of especial interest to practitioners in that sector." (Professor Emeritus Charles Perrings, Arizona State University, USA)

Description:

Natural capital accounting provides techniques to value natural resources and the ecosystem services they deliver. These techniques are being increasingly used by governments, banks and other financial institutions to set conservation priorities, make ecologically-based investment decisions, and to improve the impact of agri-food businesses on the natural world.

Protecting natural capital and biodiversity in the agri-food sector provides a comprehensive overview of how key actors in the agri-food supply chain account for their impacts on natural capital. The book explores recent advances in the accounting and reporting frameworks to measure these impacts, as well as how natural capital and biodiversity can be identified and protected in a variety of agri-food sectors such as dairy production, palm oil production and winemaking.

The book showcases how the agri-food sector can better value and protect ecosystem services and reverse the depletion of natural capital and biodiversity.

Key features:

- Provides a detailed overview of how natural capital and biodiversity can be protected in particular sectors, focussing on the dairy industry, palm oil production, winemaking and avocado cultivation
- Considers the impact of agriculture on pollinators and the services they deliver, as well as how insect biodiversity can be conserved in an array of agricultural landscapes
- Includes informative case studies of natural capital and biodiversity accounting in several regions, including Sweden, South Africa and Brazil

Audience:

Researchers in agricultural and environmental science, economics and accounting as well as governments, investment institutions and agri-food businesses

Editor details:

Dr Jill Atkins is Professor in Accounting at Cardiff University, UK and is also a Visiting Professor at the University of the Witwatersrand, South Africa. Her research focuses on corporate governance, responsible investment, sustainability, integrated reporting and extinction accounting. She is Series Editor for the *de Gruyter Studies in Corporate Governance* and her leading textbook, *Corporate Governance and Accountability*, is now in its 5th edition. Professor Atkins is well-known throughout the ESG investment industry and governance area as a thought leader and is regularly invited to give keynotes at international practitioner and academic events.





New title information

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