

Taylor & Francis

College Textbooks Arboriculture & Agriculture



Taylor & Francis Group
an informa business

www.taylorandfrancis.com

Welcome

At Taylor & Francis and Routledge we are here to help with your academic needs for your College. Explore our A Level texts and if there are any subject areas not included in this catalogue which you require resources for, do get in touch with us and we will see what we can provide.

We are, as always, keen to view textbook publishing as a collaborative process and look forward to working with you in the future.

Request Complimentary Inspection Copies!

Select textbooks are available for consideration for course adoption, available as e-Inspection Copies for you to request and review.

College Roadshows

We can arrange tailored roadshows for your college where we bring along a selection of titles for tutors and librarians to browse. Please contact your local T&F Representative for more details or see the following link:

<https://www.routledge.com/go/college-online-catalogue>

Inclusive Course Textbook Provision

Inclusive Coursebook Provision enables institutions to provide 1-to-1 access to their class texts, either through eBook platform integration or through simply purchasing print books for their students. For more information please go to:

<https://taylorandfrancis.turtl.co/story/textbook-provision-for-college-students/page/1>

Librarians

All titles featured are available in print and eBook format. To view our Librarians Resources pages please go to:

<https://librarianresources.taylorandfrancis.com/>

To explore our extensive Journals Collection please go to:

<https://www.tandf.co.uk//journals/sublist.asp>

Contacts

Lucy Pink

*Area Sales Manager and
College Representative Scotland,
North England,
the Midlands and North Wales*
Mobile: +44 (0) 7860 633 156
Email: lucy.pink@tandf.co.uk

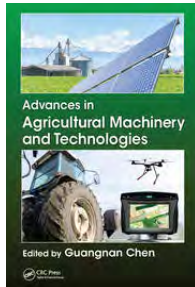
James Whittle

*Area Sales Manager
London, South England,
South Wales, Northern Ireland and
Ireland*
Mobile: +44 (0) 7802 536 233
Email: james.whittle@tandf.co.uk

Contents

Agriculture	1
Arboriculture & Urban Forestry	3
Study Skills	4
Index	5

Advances in Agricultural Machinery and Technologies

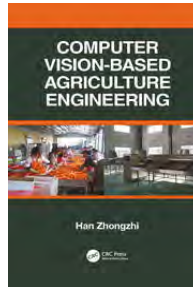


Edited By Guangnan Chen

The agricultural industry is facing challenges on a global scale, including the limited availability of arable lands and fresh water, as well as extreme climate change. Machinery is an integral part of agriculture and farming systems. Continuous improvement in agricultural machinery performance is essential to meet the growing population. This book presents information on innovations and advances in agricultural machinery and production technologies. It discusses a wide variety of agricultural machinery and equipment ranging from the ones developed/used for row crops, horticulture, nursery, livestock, and irrigation.

CRC Press
June 2021:488
Hb: 978-1-498-75412-5: **£145.00**
Pb: 978-1-032-09567-7: **£44.99**
eBook: 978-1-351-13239-8
* For full contents and more information, visit: www.routledge.com/9781032095677

Computer Vision-Based Agriculture Engineering

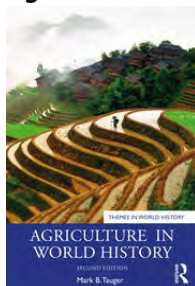


Han Zhongzhi

In recent years, computer vision is a fast-growing technique of agricultural engineering, especially in quality detection of agricultural products and food safety testing. It can provide objective, rapid, non-contact and non-destructive methods by extracting quantitative information from digital images. Significant scientific and technological advances have been made in quality inspection, classification and evaluation of a wide range of food and agricultural products. Computer Vision-Based Agriculture Engineering focuses on these advances.

CRC Press
June 2021:348
Hb: 978-0-367-25430-8: **£105.00**
Pb: 978-1-032-08921-8: **£44.99**
eBook: 978-0-429-28946-0
* For full contents and more information, visit: www.routledge.com/9781032089218

Agriculture in World History



Mark B. Tauger

Series: *Themes in World History*

Now in its second edition, *Agriculture in World History* presents a unique exploration of farmers and farming, and their relationships to non-farmers and urban societies from the ancient world to the 21st century. This survey will be an indispensable text for world history students and for anyone interested in the historical development of the present agricultural and food crises.

Routledge
November 2020:208
Hb: 978-0-367-42090-1: **£130.00**
Pb: 978-0-367-42091-8: **£35.99**
eBook: 978-0-367-82173-9
* For full contents and more information, visit: www.routledge.com/9780367420918

Emerging Technologies in Agricultural Engineering



Edited By Megh R. Goyal

Series: *Innovations in Agricultural & Biological Engineering*

This book covers an array of issues on emerging agricultural engineering and technology, featuring new research and studies. The volume is broken into three parts: emerging technologies, energy management in agriculture, and management of natural resources, in which particular attention is paid to water management, a necessary consideration for successful crop production, especially in water-scarce regions. Topics include alleviating drainage congestion, solar energy for agriculture, anaerobic digestion by inoculation with compost, self-propelled inter-cultivators, agrobiodiversity, and watershed development and management.

Apple Academic Press
March 2021:426
Hb: 978-1-771-88340-5: **£105.00**
Pb: 978-1-774-63611-4: **£82.99**
eBook: 978-1-315-36636-4
* For full contents and more information, visit: www.routledge.com/9781774636114

Biochar in European Soils and Agriculture

Science and Practice



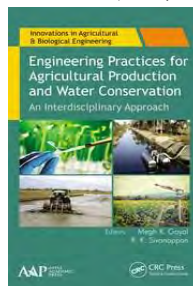
Edited By Simon Shackley, Greet Ruyschaert, Kor Zwart, Bruno Glaser

This user-friendly book introduces biochar to potential users in the professional sphere. The book reviews state-of-the-art knowledge in an approachable way for the non-scientist, covering all aspects of biochar production, soil science, agriculture, environmental impacts, economics, law and regulation and climate change policy. The authors also present research findings from the first coordinated European biochar field trial and summarize European field trial data.

Routledge
June 2020:324
Hb: 978-0-415-71166-1: **£130.00**
Pb: 978-0-367-60604-6: **£31.99**
eBook: 978-1-315-88446-2
* For full contents and more information, visit: www.routledge.com/9780367606046

Engineering Practices for Agricultural Production and Water Conservation

An Interdisciplinary Approach



Edited By Megh R. Goyal, R. K. Sivanappan

Series: *Innovations in Agricultural & Biological Engineering*

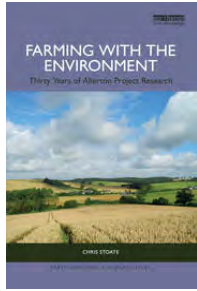
This informative new book takes an interdisciplinary look at agricultural and food production and how new engineering practices can be used to enhance production. With contributions from international experts from India, Russia, China, Serbia, and USA, this book presents a selection of chapters on some of these emerging practices, focusing on soil and water conservation and management; agricultural processing engineering; water quality and management; emerging agricultural crops; renewable energy use in agriculture; and applications of nanotechnology in agriculture.

Apple Academic Press
March 2021:438
Hb: 978-1-771-88451-8: **£110.00**
Pb: 978-1-774-63045-7: **£82.99**
eBook: 978-1-315-36595-4
* For full contents and more information, visit: www.routledge.com/9781774630457



Farming with the Environment

Thirty Years of Allerton Project Research



Chris Stoate

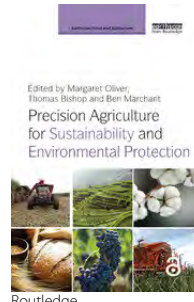
Series: Earthscan Food and Agriculture

This book examines, discusses, and shares over thirty years' worth of research from The Allerton Project, a research and demonstration farm in the UK which has been carrying out applied interdisciplinary research to explore and explain the need to adapt the management of farmland for environmental protection and to provide public benefits.

Routledge
July 2022:234
Hb: 978-0-367-74900-2: **£130.00**
Pb: 978-0-367-74897-5: **£31.99**
eBook: 978-1-003-16013-7

* For full contents and more information, visit: www.routledge.com/9780367748975

Precision Agriculture for Sustainability and Environmental Protection



Routledge
August 2018:304
Hb: 978-0-415-50440-9: **£115.00**
Pb: 978-1-138-36415-8: **£39.99**
eBook: 978-0-203-12832-9

* For full contents and more information, visit: www.routledge.com/9781138364158

Edited By Margaret Oliver, Thomas Bishop, Ben Marchant

Series: Earthscan Food and Agriculture

Precision agriculture involves the application of technologies and agronomic principles to manage spatial and temporal variation associated with all aspects of agricultural production, in order to improve crop performance and environmental quality. The focus of this book is to introduce a non-specialist audience to the potential of precision agriculture in food security, environmental protection, and sustainable use of natural resources, as well as its economic benefits.

Food Policy in the United Kingdom

An Introduction



Martin Caraher, Sinéad Furey, Rebecca Wells

Series: Earthscan Food and Agriculture

This book provides an introduction to food policy in the United Kingdom, examining policy development, implementation, influences and current issues. This book serves as a key introduction to UK food and agricultural policy for students, scholars, policymakers and professionals, as well as those interested in food systems, public health and social policy more widely.

Routledge
July 2023:266
Hb: 978-1-032-19682-4: **£130.00**
Pb: 978-1-032-19677-0: **£34.99**
eBook: 978-1-003-26030-1

* For full contents and more information, visit: www.routledge.com/9781032196770

The Sociology of Farming

Concepts and Methods



Routledge
October 2022:326
Hb: 978-1-032-32190-5: **£120.00**
Pb: 978-1-032-32187-5: **£34.99**
eBook: 978-1-003-31327-4

* For full contents and more information, visit: www.routledge.com/9781032321875

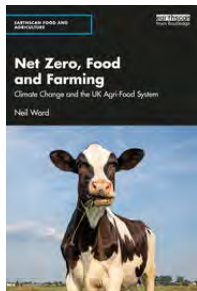
Jan Douwe van der Ploeg

Series: Earthscan Food and Agriculture

This book provides a detailed and comprehensive introduction to the concepts and methods of the sociology of farming. This textbook is essential reading for students and scholars of food and agriculture, agrarian studies, rural development, food and farming systems, peasant studies and environmental sociology

Net Zero, Food and Farming

Climate Change and the UK Agri-Food System



Neil Ward

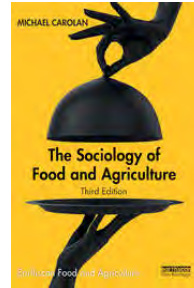
Series: Earthscan Food and Agriculture

This book examines how the transition to net zero food and farming in the UK can be managed to avoid catastrophic climate change in the crucial decades ahead. Taking a historical approach, the book examines the evolution of agriculture and the food system in the UK over the last century and discusses the implications of tackling climate change for food, farming and land use, setting the UK situation in an international context. Written in a clear and accessible style, this book will be of essential reading to students and scholars of food, agriculture and the environment, as well as policymakers and professionals involved climate change policy and the agriculture and food industry.

Routledge
August 2022:268
Hb: 978-1-032-24426-6: **£130.00**
Pb: 978-1-032-23519-6: **£35.99**
eBook: 978-1-003-27853-5

* For full contents and more information, visit: www.routledge.com/9781032235196

The Sociology of Food and Agriculture



Routledge
September 2021:278
Hb: 978-0-367-68002-2: **£130.00**
Pb: 978-0-367-68001-5: **£34.99**
eBook: 978-1-003-13378-0

* For full contents and more information, visit: www.routledge.com/9780367680015

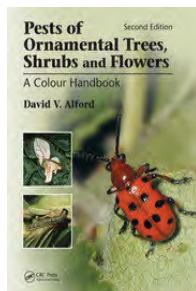
Michael Carolan

Series: Earthscan Food and Agriculture

Thoroughly revised and updated, the third edition of The Sociology of Food and Agriculture provides a cutting-edge, comprehensive introduction to the study of food and society. This title is perfect for students of food studies, including food justice, food and nutrition security, sustainable diets and food sovereignty, environmental sociology, agriculture and cultural studies.

Pests of Ornamental Trees, Shrubs and Flowers

A Colour Handbook, Second Edition



David V. Alford

This second edition of a bestseller contains over 60 new pests and almost 90 new color photographs. It reviews the features of insects, mites, and other major pest groups, discusses the principles of pest control of ornamental plants, and includes sections on the various pests. Each major order and family is considered in turn, with details of their status, host range, world distribution, diagnostic features, and biology. The book also describes the characteristic damage caused.

CRC Press

June 2018:480

Hb: 978-1-840-76162-7: **£180.00**

Pb: 978-1-138-03406-8: **£51.99**

eBook: 978-0-429-15832-2

* For full contents and more information, visit: www.routledge.com/9781138034068

The Forest Certification Handbook



Ruth Nussbaum, Markku Simula

Series: *The Earthscan Forest Library*

First Published in 2004. Routledge is an imprint of Taylor & Francis, an informa company.

Routledge

October 2018:320

Hb: 978-1-844-07123-4: **£130.00**

Pb: 978-1-138-97450-0: **£39.99**

eBook: 978-1-849-77300-3

* For full contents and more information, visit: www.routledge.com/9781138974500

Routledge Handbook of Urban Forestry



Edited By Francesco Ferrini, Cecil C. Konijnendijk van den Bosch,

Alessio Fini

Series: *Routledge Environment and Sustainability Handbooks*

More than half the world's population now lives in cities. Creating sustainable, healthy and aesthetic urban environments is therefore a major policy goal and research agenda. This comprehensive handbook provides a global overview of the state of the art and science of urban forestry. By drawing upon international state-of-art knowledge on arboriculture and urban forestry, the book provides a definitive overview of the field and is an essential reference text for students, researchers and practitioners.

Routledge

August 2019:576

Hb: 978-1-138-64728-2: **£230.00**

Pb: 978-0-367-35238-7: **£44.99**

eBook: 978-1-315-62710-6

* For full contents and more information, visit: www.routledge.com/9780367352387

Sustainable Forest Management

From Concept to Practice



Edited By John L. Innes, Anna V. Tikina

Series: *The Earthscan Forest Library*

Sustainable Forest Management provides the necessary material to educate students about forestry and the contemporary role of forests in ecosystems and society. This comprehensive textbook on the concept and practice of sustainable forest management sets the standard for practice worldwide. Early chapters concentrate on conceptual aspects, relating sustainable forestry management to international policy. Later chapters are more practical in focus, concentrating on the management of the many values associated with forests.

Routledge

December 2016:416

Hb: 978-1-844-07723-6: **£170.00**

Pb: 978-1-844-07724-3: **£56.99**

eBook: 978-0-203-12654-7

* For full contents and more information, visit: www.routledge.com/9781844077243



Academic Writing for International Students of Science



Jane Bottomley

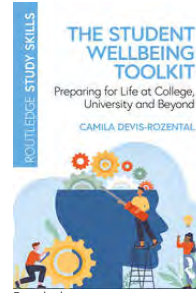
This second edition is an accessible companion designed to help science and technology students develop the knowledge, skills and strategies needed to produce clear and coherent academic writing in their university assignments. Using authentic texts to explore the nature of scientific writing, the book covers key areas such as scientific style, effective sentence and paragraph structure, and coherence in texts and arguments. Throughout the book, a range of tasks offers the opportunity to put theory into practice. This is an invaluable tool for the busy science or technology student looking to improve their writing and reach their full academic potential.

Routledge
October 2021:220
Hb: 978-0-367-63271-7: **£130.00**
Pb: 978-0-367-63272-4: **£27.99**
eBook: 978-1-003-11857-2

* For full contents and more information, visit: www.routledge.com/9780367632724

The Student Wellbeing Toolkit

Preparing for Life at College, University and Beyond



Camila Devis-Rozental

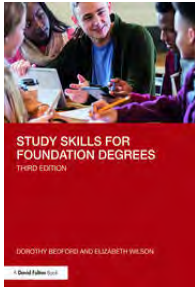
Series: *Routledge Study Skills*

The Student Wellbeing Toolkit puts wellbeing at the centre of your journey into university and beyond. By encouraging self-efficacy and a focus on the things you can control, it provides clear guidance to enhance wellbeing and opportunities for self-reflection that help develop self-awareness and prosocial skills for life. Drawing on research evidenced theories around positive psychology, theories of learning, motivation, and self-development, the book explores what, how, and why these areas are key to our wellbeing and the rationale for taking them into account to enable you to flourish and thrive at university.

Routledge
June 2023:286
Hb: 978-1-032-32965-9: **£130.00**
Pb: 978-1-032-32966-6: **£16.99**
eBook: 978-1-003-31754-8

* For full contents and more information, visit: www.routledge.com/9781032329666

Study Skills for Foundation Degrees



Dorothy Bedford, Elizabeth Wilson

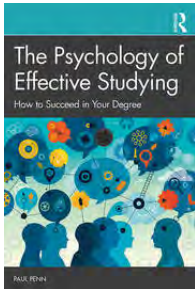
Study Skills for Foundation Degrees offers a step-by-step guide to the skills needed to successfully complete a Foundation Degree. Filled with activities and useful tips, it will help students to move from nervous novice to confident expert and provide them with the necessary tools to accomplish this. This third edition has been fully updated and features new chapters on e-learning, dissertations as well as expanded sections on ethics, feedback and referencing. Each chapter includes practical guidance as well as student perspectives that will help students through their course of study.

Routledge
December 2019:200
Hb: 978-0-367-33134-4: **£130.00**
Pb: 978-0-367-33135-1: **£16.99**
eBook: 978-0-429-31810-8

* For full contents and more information, visit: www.routledge.com/9780367331351

The Psychology of Effective Studying

How to Succeed in Your Degree



Paul Penn

This book provides a vital guide for students to key study skills that are instrumental in success at university. It uses a combination of research from cognitive psychology, humour and practical examples to convey where students often go fundamentally wrong in their studying practices and provides clear and concise advice on how they can improve. The book covers time management, academic integrity, writing essays, team work, and other key required skills for academic study. Written in a humorous and irreverent tone, and including illustrations and examples from popular culture, this is the ideal alternative and accessible study skills resource for any student at undergraduate level.

Routledge
August 2019:244
Hb: 978-1-138-57090-0: **£115.00**
Pb: 978-1-138-57092-4: **£19.99**
eBook: 978-0-203-70311-3

* For full contents and more information, visit: www.routledge.com/9781138570924

A.	
Academic Writing for International Students of Science	<u>4</u>
Advances in Agricultural Machinery and Technologies	<u>1</u>
Agriculture in World History	<u>1</u>
B.	
Biochar in European Soils and Agriculture	<u>1</u>
C.	
Computer Vision-Based Agriculture Engineering	<u>1</u>
E.	
Emerging Technologies in Agricultural Engineering	<u>1</u>
Engineering Practices for Agricultural Production and Water Conservation	<u>1</u>
F.	
Farming with the Environment	<u>2</u>
Food Policy in the United Kingdom	<u>2</u>
N.	
Net Zero, Food and Farming	<u>2</u>
P.	
Pests of Ornamental Trees, Shrubs and Flowers	<u>3</u>
Precision Agriculture for Sustainability and Environmental Protection	<u>2</u>
R.	
Routledge Handbook of Urban Forestry	<u>3</u>
S.	
Study Skills for Foundation Degrees	<u>4</u>
Sustainable Forest Management	<u>3</u>
T.	
The Forest Certification Handbook	<u>3</u>
The Psychology of Effective Studying	<u>4</u>
The Sociology of Farming	<u>2</u>
The Sociology of Food and Agriculture	<u>2</u>
The Student Wellbeing Toolkit	<u>4</u>



C	
Camila Devis-Rozental	4
Chris Stoate	2
D	
David V. Alford	3
Dorothy Bedford, Elizabeth Wilson	4
F	
Francesco Ferrini, Cecil C. Konijnendijk van den Bosch, Alessio Fini	3
G	
Guangnan Chen	1
H	
Han Zhongzhi	1
J	
Jan Douwe van der Ploeg	2
Jane Bottomley	4
John L. Innes, Anna V. Tikina	3
M	
Margaret Oliver, Thomas Bishop, Ben Marchant	2
Mark B. Tauger	1
Martin Caraher, Sinéad Furey, Rebecca Wells	2
Megh R. Goyal	1
Megh R. Goyal, R. K. Sivanappan	1
Michael Carolan	2
N	
Neil Ward	2
P	
Paul Penn	4
R	
Ruth Nussbaum, Markku Simula	3
S	
Simon Shackley, Greet Ruyschaert, Kor Zwart, Bruno Glaser	1



Taylor & Francis Group
an **informa** business

Taylor & Francis Group
4 Park Square, Milton Park, Abingdon. Oxon. OX14 4RN
Tel: ++44 (0) 20 805 20500