

The Oxford Handbook Of Food Fermentations

Since Arnold Bender's classic *Food processing and nutrition* in 1978, there has been no single volume survey of the impact of processing on the nutritional quality of food. With its distinguished editors and international team of contributors, *The nutrition handbook for food processors*, fills that gap. It summarises the wealth of research in an area as important to the food industry as it is to health-conscious consumers. Part one provides the foundation for the rest of the book, looking at consumers and nutrition. After a discussion of surveys on what consumers eat, there are two reviews of research on the contribution of vitamins and minerals to health. Three further chapters discuss how nutrient intake is measured and at how nutrition information is presented to and interpreted by consumers. Part two looks at processing and nutritional quality. Two introductory chapters look at raw materials, discussing the nutritional enhancement of plant foods and meat respectively. The remaining chapters review the impact of processing, beginning with a general discussion of the stability of vitamins during processing. There are chapters on processes such as thermal processing, frying, freezing, packaging and irradiation. The book also covers newer processes such as microwave processing, ohmic heating and high pressure processing. Given the unprecedented attention on the impact of processing on the nutritional quality of food, *The nutrition handbook for food processors* is a standard work in its field. Summarises key findings on diet and nutrient intake, the impact of nutrients on health, and how food processing operations affect the nutritional quality of foods. Examines consumers and nutrition, processing and nutritional quality, and nutritional enhancement of plant foods and meat, among other topics. Reviews the wealth of recent research in an area as important to the food industry as it is to health-conscious consumers.

Fully revised and updated, *The Oxford Handbook of Emergency Medicine* is the definitive, best-selling guide for all of the common conditions that present to the emergency department. Whether you work in emergency medicine, or just want to be prepared, this book will be your essential guide. Following the latest clinical guidelines and evidence, written and reviewed by experts, this handbook will ensure you are up to date and have the confidence to deal with all emergency presentations, practices, and procedures. In line with the latest developments in the field, such as infection control, DNR orders, advanced directives and learning disability, the book also includes new sections specifically outlining patient advice and information, as well as new and revised vital information on paediatrics and psychiatry. For all junior doctors, specialist nurses, paramedics, clinical students, GPs and other allied health professionals, this rapid-reference handbook will become a vital companion for both study and practice. This is the first comprehensive book on the philosophy of time. Leading philosophers discuss the metaphysics of time, our experience and representation of time, the role of time in ethics and action, and philosophical issues in the sciences of time, especially quantum mechanics and relativity theory.

This volume explores the complex interrelationships between food and agriculture, politics, and society. More specifically, it considers the political aspects of three basic economic questions: what is to be produced? how is it to be produced? how is it to be distributed? It also outlines three unifying themes running through the politics of answering these societal questions with regard to food, namely: ecology, technology and property.

Food, water and society: what is managed by whom, and with what impacts? Our food supply chains are at risk. Water resources--sometimes scarce, often damaged, and always under-valued--are among the major reasons why food and water security rank high every year in the World Economic Forum's major global risk analysis. A stable and sustainable food system is critical to society's survival. This Handbook shows that keeping the food system stable comes at the expense of the environment, especially of water resources and those who consume and manage them. The way the food system operates reflects hard political realities. Rather than pay for the environmental costs of sustainable production, society expects food at ever lower prices. Governments reflect their electorates in this regard. Given that farm production may account for as little as 10% of the food value chain in wealthy economies, it is striking that governments have been unwilling (or unable) to put in place the essential laws and accountability that would enable farmers to ensure both production and stewardship. Corporate food traders, food manufacturers, and retailers on the other hand operate in markets that make profits and pay taxes. But these corporations are not contractually bound to utilize highly nutritious, sustainably produced food commodities. The articles in this Oxford Handbook have been written by water and food system scientists and professionals, including farmers, rarely heard voices who understand the problems of food producers, food manufacturers, and regulating markets and public policy. The articles address the blind spots of society and its public policymakers, demonstrating the importance of informing society about the consequences of its food preferences and the heroic challenges it is beginning to face. The damage we are doing to our water and soil ecosystems is as important as the damage we do to the atmosphere. Impressed by the technical and organizational advances of the past two centuries, the contributors featured in this book also take note of where economic inefficiencies and cultural deadlock in a 4,000 year old system are putting our critical food supply chains at risk.

Emmanuel Levinas (1906-1995) emerged as an influential philosophical voice in the final decades of the twentieth century, and his reputation has continued to flourish and increase in our own day. His central themes--the primacy of the ethical and the core of ethics as our responsibility to and for others--speak to readers from a host of disciplines and perspectives. However, his writings and thought are challenging and difficult. *The Oxford Handbook of Levinas* contains essays that aim to clarify and engage Levinas and his writings in a number of ways. Some focus on central themes of his work, others on the ways in which he read and was influenced by figures from Plato, Hobbes, Descartes, and Kant to Blanchot, Husserl, Heidegger, and Derrida. And there are essays on how his thinking has been appropriated in moral and political thought, psychology, film criticism, and more, and on the relation between his thinking and religious themes and traditions. Finally, several essays deal primarily with how readers have criticized him and found him wanting. The volume exposes and explores both the depth of Levinas's philosophical work and the range of applications to which it has been put, with special attention to clarifying why his interests in the human condition, the crisis of civilization, the centrality and character of ethics and morality, and the very meaning of human experience should be of interest to the widest range of readers.

Comic book studies has developed as a solid academic discipline, becoming an increasingly vibrant field in the United States and globally. A growing number of dissertations, monographs, and edited books publish every year on the subject, while world comics represent the fastest-growing sector of publishing. *The Oxford Handbook of Comic Book Studies* looks at the field systematically, examining the history and evolution of the genre from a global perspective. This includes a discussion of how comic books are

built out of shared aesthetic systems such as literature, painting, drawing, photography, and film. The Handbook brings together readable, jargon-free essays written by established and emerging scholars from diverse geographic, institutional, gender, and national backgrounds. In particular, it explores how the term "global comics" has been defined, as well the major movements and trends that will drive the field in the years to come. Each essay will help readers understand comic books as a storytelling form grown within specific communities, and will also show how these forms exist within what can be considered a world system of comics.

The second edition of this concise survey offers a comparative and comprehensive study of culinary cultures and food politics throughout the world, from ancient times to the present day. It examines the long history of globalization of foods as well as the political, social, and environmental implications of our changing relationship with food, showing how hunger and taste have been driving forces in human history. Including numerous case studies from diverse societies and periods, *Food in World History* explores such questions as: What social factors have historically influenced culinary globalization? How did early modern plantations establish patterns for modern industrial food production? Were eighteenth-century food riots comparable to contemporary social movements around food? Did Italian and Chinese migrant cooks sacrifice authenticity to gain social acceptance in the Americas? Have genetically modified foods fulfilled the promises made by proponents? This new edition includes expanded discussions of gender and the family, indigeneity, and the politics of food. Expanded chapters on contemporary food systems and culinary pluralism examine debates over the concentration of corporate control over seeds and marketing, authenticity and exoticism within the culinary tourism industry, and the impact of social media on restaurants and home cooks. Providing essential information needed in clinical practice for the diagnosis and management of patients with blood disorders, this handbook covers haematological investigations and their interpretation, and commonly used protocols. The bestselling *Oxford Handbook of Anaesthesia* continues to provide state-of-the-art information on anaesthetic practice. This third edition includes new topics on regional anaesthesia, minimally invasive procedures, breast surgery, blood salvage, interventional radiology, complementary medicines and anaesthesia, and more.

This handbook is currently in development, with individual articles publishing online in advance of print publication. At this time, we cannot add information about unpublished articles in this handbook, however the table of contents will continue to grow as additional articles pass through the review process and are added to the site. Please note that the online publication date for this handbook is the date that the first article in the title was published online. For more information, please read the site FAQs.

Now in its 25th year, the *Oxford Handbook of Clinical Specialties* has been fully revised and updated by a trusted author team to bring you practical, up-to-date clinical advice and a unique outlook on the practice of medicine. Twelve books in one, this is the ultimate guide to the core clinical specialties for students, junior doctors, and specialists. Guided by specialists and junior doctors, the ninth edition of this handbook sees fully revised and updated artwork, references, and clinical advice. This edition maintains its unique perspective on patient care, drawing on literature, history, and philosophy to encourage the reader to broaden their definition of medicine. Fully cross-referenced to the *Oxford Handbook of Clinical Medicine*, this essential book contains everything needed for training, revision, and clinical practice.

The handbook is a partial survey of multiple areas of food ethics: conventional agriculture and alternatives to it; animals; consumption ethics; food justice; food workers; food politics and policy; gender, body image, and healthy eating; and, food, culture and identity.

The *Oxford Handbook of Christmas* provides a comprehensive, interdisciplinary account of all aspects of Christmas across the globe, from the specifically religious to the purely cultural. The contributions are drawn from a distinguished group of international experts from across numerous disciplines, including literary scholars, theologians, historians, biblical scholars, sociologists, anthropologists, art historians, and legal experts. The volume provides authoritative treatments of a range of topics, from the origins of Christmas to the present; decorating trees to eating plum pudding; from the Bible to contemporary worship; from carols to cinema; from the Nativity Story to Santa Claus; from Bethlehem to Japan; from Catholics to Baptists; from secularism to consumerism. Christmas is the biggest celebration on the planet. Every year, a significant percentage of the world's population is drawn to this holiday—from Cape Cod to Cape Town, from South America to South Korea, and on and on across the globe. The Christmas season takes up a significant part of the entire year. For many countries, the holiday is a major force in their national economy. Moreover, Christmas is not just a modern holiday, but has been an important feast for most Christians since the fourth century and a dominant event in many cultures and countries for over a millennium. The *Oxford Handbook of Christmas* provides an invaluable reference point for anyone interested in this global phenomenon.

Written by a team of experts and presenting the results of the most up-to-date research, *The Handbook of Anglo-Saxon Archaeology* will both stimulate and support further investigation into a society poised at the interface between prehistory and history.

A collected volume of contributions on the science of food fermentation, featuring articles on a wide array of food products and distilled beverages.

The variety, pace, and power of technological innovations that have emerged in the 21st Century have been breathtaking. These technological developments, which include advances in networked information and communications, biotechnology, neurotechnology, nanotechnology, robotics, and environmental engineering technology, have raised a number of vital and complex questions. Although these technologies have the potential to generate positive transformation and help address 'grand societal challenges', the novelty associated with technological innovation has also been accompanied by anxieties about their risks and destabilizing effects. Is there a potential harm to human health or the environment? What are the ethical implications? Do these innovations erode or antagonize values such as human dignity, privacy, democracy, or other norms underpinning existing bodies of law and regulation? These technological developments have therefore spawned a nascent but growing body of 'law and technology' scholarship, broadly

concerned with exploring the legal, social and ethical dimensions of technological innovation. This handbook collates the many and varied strands of this scholarship, focusing broadly across a range of new and emerging technology and a vast array of social and policy sectors, through which leading scholars in the field interrogate the interfaces between law, emerging technology, and regulation. Structured in five parts, the handbook (I) establishes the collection of essays within existing scholarship concerned with law and technology as well as regulatory governance; (II) explores the relationship between technology development by focusing on core concepts and values which technological developments implicate; (III) studies the challenges for law in responding to the emergence of new technologies, examining how legal norms, doctrine and institutions have been shaped, challenged and destabilized by technology, and even how technologies have been shaped by legal regimes; (IV) provides a critical exploration of the implications of technological innovation, examining the ways in which technological innovation has generated challenges for regulators in the governance of technological development, and the implications of employing new technologies as an instrument of regulatory governance; (V) explores various interfaces between law, regulatory governance, and new technologies across a range of key social domains.

This handbook brings together contributions from the top researchers in the economics of food consumption and policy. Designed as a comprehensive guide to academics and graduate students, it discusses theory and methods, policy, and current topics and applications.

This is a guide to contemporary thought on ethical issues in all areas of human activity - personal, medical, sexual, social, political, judicial, and international, from the natural world to the world of business.

From a war-torn and famine-plagued country at the beginning of the 1990s, Ethiopia is today emerging as one of the fastest-growing economies in Africa. Growth in Ethiopia has surpassed that of every other sub-Saharan country over the past decade and is forecast by the International Monetary Fund to exceed 8 percent over the next two years. The government has set its eyes on transforming the country into a middle-income country by 2025, and into a leading manufacturing hub in Africa. The Oxford Handbook of the Ethiopian Economy studies this country's unique model of development, where the state plays a central role, and where a successful industrialization drive has challenged the long-held erroneous assumption that industrial policy will never work in poor African countries. While much of the volume is focused on post-1991 economic development policy and strategy, the analysis is set against the background of the long history of Ethiopia, and more specifically on the Imperial period that ended in 1974, the socialist development experiment of the Derg regime between 1974 and 1991, and the policies and strategies of the current EPRDF government that assumed power in 1991. Including a range of contributions from both academic and professional standpoints, this volume is a key reference work on the economy of Ethiopia.

The Oxford Handbook of General Practice is an essential lifeline for the busy GP. It includes hands-on advice to help with any day-to-day problems which might arise in general practice. Revised and updated throughout, this new edition includes several new chapters and expanded information on the new GP contract and training.

This Handbook provides in one volume an authoritative and independent treatment of the UN's seventy-year history, written by an international cast of more than 50 distinguished scholars, analysts, and practitioners. It provides a clear and penetrating examination of the UN's development since 1945 and the challenges and opportunities now facing the organization. It assesses the implications for the UN of rapid changes in the world - from technological innovation to shifting foreign policy priorities - and the UN's future place in a changing multilateral landscape. Citations and additional readings contain a wealth of primary and secondary references to the history, politics, and law of the world organization. This key reference also contains appendices of the UN Charter, the Statute of the International Court of Justice, and the Universal Declaration of Human Rights.

Including chapters from some of the leading experts in the field this Handbook provides a full overview of the nature and challenges of modern diplomacy and includes a tour d'horizon of the key ways in which the theory and practice of modern diplomacy are evolving in the 21st Century.

Part I. Animals in the landscape of law, politics, and public policy. Animal rights / Gary Francione and Anna Charlton -- Animals in political theory / Sue Donaldson and Will Kymlicka --, Animals as living property / David Favre -- The human-animal bond / James Serpell -- Animal sheltering / Leslie Irvine -- Roaming dogs / Arnold Arluke and Kate Atema -- Misothery : contempt for animals and nature, its origins, purposes, and repercussions / James B. Mason -- Continental approaches to animals and animality / Ralph Acampora -- Animals as legal subjects / Paul Waldau -- The struggle for compassion and justice through critical animal studies / Carol Gigliotti -- Interspecies dialogue and animal ethics : the feminist care perspective / Josephine Donovan -- Part II. Animal intentionality, agency, and reflexive thinking. Cetacean cognition / Lori Marino -- History and animal agencies / Chris Pearson -- Animals as sentient commodities / Rhoda WilPart I.kie -- Animal work / Jocelyne Porcher -- Animals as reflexive thinkers : the Aponoian paradigm / Mark Rowlands and Susana Monsó -- Part III. Animals as objects in science, food, spectacle, and sport. The ethics of animal research / Bernard Rollin -- The ethics of food animal production / Paul Thompson -- Animals as scientific objects / Mike Michael -- The problem with zoos / Randy Malamud -- Wolf hunting and the ethics of predator control / John Vucetich and Michael P. --Nelson -- Part IV. Animals in cultural representations. Practice and ethics of the use of animals in contemporary art / Joe Zammit-Lucia -- Animals in folklore / Boria Sax -- Part V. Animals in ecosystems. Archaeozoology / Juliet Cluton-Brock -- Animals and ecological science / Anita Guerrini -- Staging privilege, proximity, and "extreme animal tourism" / Jane Desmond -- Commensal species / Terry O'Connor -- Lively cities : people, animals, and urban ecosystems / Marcus Owens and Jennifer Wolch -- Animals in religion / Stephen R.L. Clark

Written by biomedical scientists and clinicians, with the purpose of disseminating the fundamental scientific principles that underpin medicine, this new edition of the Oxford Handbook of Medical Sciences provides a clear, easily digestible

account of basic cell physiology and biochemistry. It also includes an investigation of the traditional pillars of medicine (anatomy, physiology, biochemistry, pathology and pharmacology) integrated in the context of each of the major systems relevant to the human body. Cross-referenced to the Oxford Handbook of Clinical Medicine, and thoroughly illustrated, it is the ideal introduction to the medical sciences for medical students and biomedical scientists, as well as a valuable refresher for junior doctors.

Fully updated, the Oxford Handbook of Nutrition and Dietetics is a practical quick-reference to the vital and valued subject of nutrition in the prevention and treatment of disease and the maintenance of good health. This handbook will be an invaluable companion for all dietitians, nutritionists, and nurses, as well as doctors and students in a variety of specialities. Concise and bulleted, this handbook takes an integrated approach which facilitates the links between all aspects of nutrition and dietetics. Including nutritional science and based on clinical evidence. Sections on obesity and a new chapter on international nutrition are timely and topical. Also includes information on nutrition assessment, popular diets, nutrition in systems-based diseases, rarer conditions, as well as helpful lists of foods rich in or free from certain nutrients and normal range guides and handy reference values.

This handbook is currently in development, with individual articles publishing online in advance of print publication. At this time, we cannot add information about unpublished articles in this handbook, however the table of contents will continue to grow as additional articles pass through the review process and are added to the site. Please note that the online publication date for this handbook is the date that the first article in the title was published online.

The final chapter in this section explores the uses of food in the classroom.

India's remarkable economic growth in recent years has made it one of the fastest growing economies in the world. This Oxford Handbook reflects India's growing economic importance on the world stage, and features research on core topics by leading scholars to understand the Indian economic miracle and the obstacles India faces in transforming itself into a modern 21st-century economy.

Respiratory ailments are the most common reason for emergency admission to hospital, the most common reason to visit the GP, and cost the NHS more than any other disease area. This pocket-sized handbook allows instant access to a wealth of information needed in the day-to-day practice of respiratory medicine.

The study of the mind has always been one of the main preoccupations of philosophers, and has been a booming area of research in recent decades, with remarkable advances in psychology and neuroscience. Oxford University Press now presents the most authoritative and comprehensive guide ever published to the philosophy of mind. An outstanding international team of contributors offer 45 specially written critical surveys of a wide range of topics relating to the mind. The first two sections cover the place of the mind in the natural world: its ontological status, how it fits into the causal fabric of the universe, and the nature of consciousness. The third section focuses on the much-debated subjects of content and intentionality. The fourth section examines a variety of mental capacities, including memory, imagination, and emotion. The fifth section looks at epistemic issues, in particular regarding knowledge of one's own and other minds. The volume concludes with a section on self, personhood, and agency. The Oxford Handbook of Philosophy of Mind will be an invaluable resource for advanced students and scholars of philosophy, and also for researchers in neighbouring disciplines seeking a high-level survey of the state of the art in this flourishing field.

There is an urgent need to better understand the causes and consequences of obesity, and to learn what works to prevent or reduce obesity. This volume accurately and conveniently summarizes the findings and insights of obesity-related research from the full range of social sciences including anthropology, economics, government, psychology, and sociology. It is an excellent resource for researchers in these areas, both bringing them up to date on the relevant research in their own discipline and allowing them to quickly and easily understand the cutting-edge research being produced in other disciplines. The Oxford Handbook of the Social Science of Obesity is a critical reference for obesity researchers and is also valuable for public health officials, policymakers, nutritionists, and medical practitioners. The first section of the book explains how each social science discipline models human behavior (in particular, diet and physical activity), and summarizes the major research literatures on obesity in that discipline. The second section provides important practical information for researchers, including a guide to publicly available social science data on obesity and an overview of the challenges to causal inference in obesity research. The third part of the book synthesizes social science research on specific causes and correlates of obesity, such as food advertising, food prices, and peers. The fourth section summarizes social science research on the consequences of obesity, such as lower wages, job absenteeism, and discrimination. The fifth and final section reviews the social science literature on obesity treatment and prevention, such as food taxes, school-based interventions, and medical treatments such as anti-obesity drugs and bariatric surgery.

This second edition of a best-selling Oxford Medical Handbook provides a comprehensive guide to the practice of ENT and head and neck surgery in a concise, practical, and easily accessible format. For use on the ward or for revision purposes, this new edition is organised anatomically and each section provides a summary of the essential approach to a specific presenting complaint. Quick access chapters are included detailing emergency conditions and their acute management. This new edition includes expanded sections on anatomy, paediatrics, drugs, practical and surgical procedures, and emergencies. There are new chapters covering ENT manifestations in HIV/AIDS and sleep disorders. Still the only pocket-sized reference of ENT available, this handbook is unique in offering diagnostic flowcharts which guide readers based on specific sets of symptoms. Patient-centred and practical, this book represents a more accurate experience for those typically faced with ENT and head and neck surgery in clinical practice.

This book analyzes the scientific evidence for the addictive properties of food. It covers of all subjects pertinent to food and addiction, from basic background information on topics such as food intake, metabolism, and environmental risk factors for obesity, to diagnostic criteria for food addiction, the evolutionary and developmental bases of eating addictions, and behavioral and pharmacologic interventions, to the clinical, public health, and legal and policy implications of recognizing the validity of food addiction.

We speak of being 'free' to speak our minds, free to go to college, free to move about; we can be cancer-free, debt-free, worry-free, or free

from doubt. The concept of freedom (and relatedly the notion of liberty) is ubiquitous but not everyone agrees what the term means, and the philosophical analysis of freedom that has grown over the last two decades has revealed it to be a complex notion whose meaning is dependent on the context. The Oxford Handbook of Freedom will crystallize this work and craft the first wide-ranging analysis of freedom in all its dimensions: legal, cultural, religious, economic, political, and psychological. This volume includes 28 new essays by well regarded philosophers, as well some historians and political theorists, in order to reflect the breadth of the topic. This handbook covers both current scholarship as well as historical trends, with an overall eye to how current ideas on freedom developed. The volume is divided into six sections: conceptual frames (framing the overall debates about freedom), historical frames (freedom in key historical periods, from the ancients onward), institutional frames (freedom and the law), cultural frames (mutual expectations on our 'right' to be free), economic frames (freedom and the market), and lastly psychological frames (free will in philosophy and psychology).

Early Americans have long been considered "A People of the Book" Because the nickname was coined primarily to invoke close associations between Americans and the Bible, it is easy to overlook the central fact that it was a book-not a geographic location, a monarch, or even a shared language-that has served as a cornerstone in countless investigations into the formation and fragmentation of early American culture. Few books can lay claim to such powers of civilization-altering influence. Among those which can are sacred books, and for Americans principal among such books stands the Bible. This Handbook is designed to address a noticeable void in resources focused on analyzing the Bible in America in various historical moments and in relationship to specific institutions and cultural expressions. It takes seriously the fact that the Bible is both a physical object that has exercised considerable totemic power, as well as a text with a powerful intellectual design that has inspired everything from national religious and educational practices to a wide spectrum of artistic endeavors to our nation's politics and foreign policy. This Handbook brings together a number of established scholars, as well as younger scholars on the rise, to provide a scholarly overview--rich with bibliographic resources--to those interested in the Bible's role in American cultural formation.

The Oxford Handbook of U.S. Health Law covers the breadth and depth of health law, with contributions from the most eminent scholars in the field. The Handbook paints with broad thematic strokes the major features of American healthcare law and policy, its recent reforms including the Affordable Care Act, its relationship to medical ethics and constitutional principles, and how it compares to the experience of other countries. It explores the legal framework for the patient experience, from access through treatment, to recourse (if treatment fails), and examines emerging issues involving healthcare information, the changing nature of healthcare regulation, immigration, globalization, aging, and the social determinants of health. This Handbook provides valuable content, accessible to readers new to the subject, as well as to those who write, teach, practice, or make policy in health law.

On a global scale, the central tool for responding to complex security challenges is public international law. This handbook provides a comprehensive and systematic overview of the relationship between international law and global security.

The Oxford Handbook of Historical Books of the Hebrew Bible is a collection of essays that provide resources for the interpretation of the books of Joshua, Judges, Samuel, Kings, Chronicles, Ezra, and Nehemiah. The volume is not exhaustive in its coverage, but examines interpretive aspects of these books that are deemed essential for interpretation or that are representative of significant trends in present and future scholarship. The individual essays are united by their focus on two guiding questions: (1) What does this topic have to do with the Old Testament Historical Books? and (2) How does this topic help readers better interpret the Old Testament Historical Books? Each essay critically surveys prior scholarship before presenting current and prospective approaches. Taking into account the ongoing debates concerning the relationship between the Old Testament texts and historical events in the ancient world, data from Assyrian, Babylonian, and Persian culture and history are used to provide a larger context for the content of the Historical Books. Essays consider specific issues related to Israelite/Judean history (settlement, state formation, monarchy, forced migration, and return) as they relate to the interpretation of the Historical Books. This volume also explores the specific themes, concepts, and content that are most essential for interpreting these books. In light of the diverse material included in this section of the Old Testament, the Handbook further examines interpretive strategies that employ various redactional, synthetic, and theory-based approaches. Beyond the Old Testament proper, subsequent texts, traditions, and cultures often received and interpreted the material in the Historical Books, and so the volume concludes by investigating the literary, social, and theological aspects of that reception.

Society's greatest use of water is in food production; a fact that puts farmers centre stage in global environmental management. Current management of food value chains, however, is not well set up to enable farmers to undertake their dual role of feeding a growing population and stewarding natural resources. The book considers the interconnected issues of real water in the environment and "virtual water" in food value chains and investigates how society influences both fields. This perspective draws out considerable challenges for food security and for environmental stewardship in the context of ongoing global change. The book discusses these issues by region and with global overviews of selected commodities. Innovation relevant to the kind of change needed for the current food system to meet future challenges is reviewed in light of the findings of the regional and thematic analysis.

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