

## Artificial Grass Turf Market 2017 2021 Trends Technology

In *Critique of Black Reason* eminent critic Achille Mbembe offers a capacious genealogy of the category of Blackness—from the Atlantic slave trade to the present—to critically reevaluate history, racism, and the future of humanity. Mbembe teases out the intellectual consequences of the reality that Europe is no longer the world's center of gravity while mapping the relations among colonialism, slavery, and contemporary financial and extractive capital. Tracing the conjunction of Blackness with the biological fiction of race, he theorizes Black reason as the collection of discourses and practices that equated Blackness with the nonhuman in order to uphold forms of oppression. Mbembe powerfully argues that this equation of Blackness with the nonhuman will serve as the template for all new forms of exclusion. With *Critique of Black Reason*, Mbembe offers nothing less than a map of the world as it has been constituted through colonialism and racial thinking while providing the first glimpses of a more just future. This upper-level textbook offers an original and up-to-date introduction to issues in corporate social responsibility (CSR) from a global perspective. Written by an international team of experts, it guides students through key themes in CSR including strategy, communication, regulation and governance. Balancing critiques of CSR with a discussion of the opportunities it creates, it includes chapters devoted to critical issues such as human rights, anti-corruption, labour rights and the environment. Pedagogical features include customised case studies, study questions, key term highlighting, practitioner pieces and suggestions for further resources. The book is also complemented by a companion website featuring adaptable lecture slides, teaching notes for cases and links to related resources. Tailored for upper-level undergraduate and postgraduate courses on corporate social responsibility, sustainability and business ethics, it is also relevant to non-business courses in political science, international relations and communications.

*LEGOified: Building Blocks as Media* offers a multi-faceted exploration of LEGO fandom, addressing a blindspot in current accounts of LEGO and an emerging area of interest to media scholars: namely, the role of hobbyist enthusiasts and content producers in LEGO's emergence as a ubiquitous transmedia franchise. This book examines a range of LEGO hobbyism and their attendant forms of mediated self-expression and identity (their "technicities"): artists, aspiring Master Builders, collectors, and entrepreneurs who refashion LEGO bricks into new commodities (sets, tchotchkes, and minifigures). The practices and perspectives that constitute this diverse scene lie at the intersection of multiple transformations in contemporary culture, including the shifting relationships between culture industries and the audiences that form their most ardent consumer base, but also the emerging forms of entrepreneurialism, professionalization, and globalization that characterize the burgeoning DIY movement. The major aim of this edited volume, and what makes it a compelling project for media scholars, is its rigorous, multi-dimensional articulation of how LEGO functions not just as toy, as cultural icon, or as transmedia franchise, but as a media platform. *LEGOified* is centered around their shared experiences, qualitative observations, and semi-structured interviews at a number of LEGO hobbyist conventions. Working outwards from these conventions, each chapter of the book engages additional modes of inquiry -- media archaeology, aesthetics, posthumanist

philosophy, feminist media studies, and science and technology studies -- to explore the origins, permutations and implications of different aspects of the contemporary LEGO fandom scene.

A classic work of American literature that has not stopped changing minds and lives since it burst onto the literary scene, *The Things They Carried* is a ground-breaking meditation on war, memory, imagination, and the redemptive power of storytelling. *The Things They Carried* depicts the men of Alpha Company: Jimmy Cross, Henry Dobbins, Rat Kiley, Mitchell Sanders, Norman Bowker, Kiowa, and the character Tim O'Brien, who has survived his tour in Vietnam to become a father and writer at the age of forty-three. Taught everywhere—from high school classrooms to graduate seminars in creative writing—it has become required reading for any American and continues to challenge readers in their perceptions of fact and fiction, war and peace, courage and fear and longing. *The Things They Carried* won France's prestigious Prix du Meilleur Livre Etranger and the Chicago Tribune Heartland Prize; it was also a finalist for the Pulitzer Prize and the National Book Critics Circle Award.

Sustainability is a key framework for analyzing biological systems—and turfgrass is no exception. It is part of a complex that encompasses turfgrass interactions with different environments and the suitability of different turfgrasses for specific environments. In addition to its biological role, turfgrass—in the form of lawns, green spaces, and playing surfaces—brings beneficial sociological effects to an increasingly urbanized society. This book presents a comprehensive overview of current knowledge and issues in the field of turfgrass research and management, including the genetics and breeding, the diseases and pests, and the ecology of turfgrasses, and will appeal to a broad spectrum of readers.

'The Fever Pitch of five-a-side' TONY PARSONS A must-have for anyone who has ever played and enjoyed amateur football. James Brown has been playing football since growing up in the backstreets of Leeds. The sudden death of one his long-standing team mates made James ponder the unique bond between men who meet each other once a week for years, but don't know any personal details beyond pitch prowess. Five-a-Side football is where you play the beautiful game for love, not money. You play it for life and you play it everywhere. Your kit is damp and your legs are a leopard's back of bruises. Shirts are often tight around the belly, with your hero's name plastered across your shoulder blades. The showers are too cold in winter and too hot in summer. Your used sports bag stays unpacked in the hall, and your water bottles are under the kitchen sink. The post-match warm down takes place in the pub. As does the match analysis. By contrast the warm up is non-existent. Your performance is patchy and maybe not what it used to be. But we all still think we played great. Five-a-Side is sporting Karaoke - a time and place to live out our dreams. This is a book for all of us - school mates, work colleagues, total strangers - bonded by the desire to blast one into the net from two feet away.

The impact of *The Late Great Planet Earth* cannot be overstated. The New York Times called it the "no. 1 non-fiction bestseller of the decade." For Christians and non-Christians of the 1970s, Hal Lindsey's blockbuster served as a wake-up call on events soon to come and events already unfolding -- all leading up to the greatest event of all: the return of Jesus Christ. The years since have confirmed Lindsey's insights into what biblical prophecy says about the times we live in. Whether you're a church-going

believer or someone who wouldn't darken the door of a Christian institution, the Bible has much to tell you about the imminent future of this planet. In the midst of an out-of-control generation, it reveals a grand design that's unfolding exactly according to plan. The rebirth of Israel. The threat of war in the Middle East. An increase in natural catastrophes. The revival of Satanism and witchcraft. These and other signs, foreseen by prophets from Moses to Jesus, portend the coming of an antichrist . . . of a war which will bring humanity to the brink of destruction . . . and of incredible deliverance for a desperate, dying planet.

Cover -- Half-title -- Title -- Copyright -- Dedication -- Contents -- Preface -- 1 Youth and Media -- 2 Then and Now -- 3 Themes and Theoretical Perspectives -- 4 Infants, Toddlers, and Preschoolers -- 5 Children -- 6 Adolescents -- 7 Media and Violence -- 8 Media and Emotions -- 9 Advertising and Commercialism -- 10 Media and Sex -- 11 Media and Education -- 12 Digital Games -- 13 Social Media -- 14 Media and Parenting -- 15 The End -- Notes -- Acknowledgments -- Index -- A -- B -- C -- D -- E -- F -- G -- H -- I -- J -- K -- L -- M -- N -- O -- P -- Q -- R -- S -- T -- U -- V -- W -- X -- Y -- Z

Finalist • PEN/ESPN Award for Literary Sports Writing “An inventive, fast-paced look at what have become our modern shrines in a sports-obsessed society.” —Tom Verducci In this “addictive” (Publishers Weekly) romp, intrepid sportswriter Rafi Kohan finagles access to our most beloved fields to find out just what makes them tick: from old-timer Wrigley, creakily adjusting to the twenty-first century, to the oversized monstrosity of Jerry’s World in Dallas. Investigating harrowing logistics and deeply ingrained traditions, Kohan employs his infectious “wit and style” (Christian Science Monitor) to expose the realities of building and maintaining these commercial cathedrals of sports worship. “Highly compelling” (Kirkus Reviews, starred review), *The Arena* is a must-read for superfans, shameless bandwagoners, athletes, groundskeepers, culture junkies, and anyone who’s ever headed off eagerly to the ballpark to catch a game.

Using an interdisciplinary approach, this book explores the emerging topics and rapid technological developments of robotics and artificial intelligence through the lens of the evolving role of sex robots, and how they should best be designed to serve human needs. An international panel of authors provides the most up-to-date, evidence-based empirical research on the potential sexual applications of artificial intelligence. Early chapters discuss the objections to sexual activity with robots while also providing a counterargument to each objection. Subsequent chapters present the implications of robot sex as well as the security and data privacy issues associated with sexual interactions with artificial intelligence. The book concludes with a chapter highlighting the importance of a scientific, multidisciplinary approach to the study of human - robot sexuality. Topics featured in this book include: The Sexual Interaction Illusion Model. The personal companion system, Harmony, designed by Realbotix™. An exposition of the challenges of personal data control and protection when dealing with artificial intelligence. The current and future technological possibilities of projecting three-dimensional holograms. Expert discussion notes from an international workshop on the topic. *AI Love You* will be of interest to academic researchers in psychology, robotics, ethics, medical science, sociology, gender studies as well as clinicians, policy makers, and the business sector.

*The Origin of Species* by Charles Darwin must rank as one of the most influential and consequential books ever published, initiating scientific, social and religious ferment ever since its first publication in 1859. Its full title is *The Origin of Species by Means of Natural Selection, or the Preservation of Favoured Races in the Struggle for Life*, in some editions prefaced by the word “On.” Darwin describes the book as simply an “abstract” of his ideas, which are more fully fleshed out and supported with detailed examples in his other, more scholarly works

(for example, he wrote several long treatises entirely about barnacles). The Origin of Species itself was intended to reach a wider audience and is written in such a way that any reasonably educated and thoughtful reader can follow Darwin's argument that species of animals and plants are not independent creations, fixed for all time, but mutable. Species have been shaped in response to the effects of natural selection, which Darwin compares to the directed or manual selection by human breeders of domesticated animals. The Origin of Species was eagerly taken up by the reading public, and rapidly went through several editions. This Standard Ebooks edition is based on the sixth edition published by John Murray in 1872, generally considered to be the definitive edition with many amendments and updates by Darwin himself. The Origin of Species has never been out of print and continues to be an extremely popular work. Later scientific discoveries such as the breakthrough of DNA sequencing have refined our concept of some of Darwin's ideas and given us a better understanding of issues he found puzzling, but the basic thrust of his theory remains unchallenged. This book is part of the Standard Ebooks project, which produces free public domain ebooks.

Advances in Carpet Manufacture, Second Edition, discusses the manufacture of carpets, an industry that has evolved over hundreds of years, also exploring the new changes and developments in textile science and manufacturing technology that occur every day. This updated edition provides revised, expanded and updated coverage of carpet manufacturing processes and applications. The book begins by reviewing the different types of carpets and their applications, also exploring the structure and properties of carpet materials. Carpet manufacturing techniques are then reviewed, including a new chapter on tufting and yarn manufacturing techniques, and design and manufacture for handmade carpets. Subsequent chapters review the development of carpets with important properties, including new chapters on carpets for acoustics and sound absorption, carpets with increased fire retardancy and those with antimicrobial and soil-resist finishes. With the variety of topics covered and its international team of contributors, the book offers a valuable and informative reference for technologists in the carpet and associated industries. However, it is also a great resource for researchers and students working in applied textile sciences. Presented by an expert editor with many years of experience in both academic textile research and industry Provides new research, technologies and other developments in carpet manufacture for academics and developers seeking to update their knowledge Includes a strong focus on industry needs and developing areas with market potential

Special edition of the Federal Register, containing a codification of documents of general applicability and future effect ... with ancillaries.

The Economic and Fiscal Consequences of Immigration finds that the long-term impact of immigration on the wages and employment of native-born workers overall is very small, and that any negative impacts are most likely to be found for prior immigrants or native-born high school dropouts. First-generation immigrants are more costly to governments than are the native-born, but the second generation are among the strongest fiscal and economic contributors in the U.S. This report concludes that immigration has an overall positive impact on long-run economic growth in the U.S. More than 40 million people living in the United States were born in other countries, and almost an equal number have at least one foreign-born parent. Together, the first generation (foreign-born) and second generation (children of the foreign-born) comprise almost one in four Americans. It comes as little surprise, then, that many U.S. residents view immigration as a major policy issue facing the nation. Not only does immigration affect the environment in which everyone lives, learns, and works, but it also interacts with nearly every policy area of concern, from jobs and the economy, education, and health care, to federal, state, and local government budgets. The changing patterns of immigration and the evolving consequences for American society, institutions, and the

economy continue to fuel public policy debate that plays out at the national, state, and local levels. The Economic and Fiscal Consequences of Immigration assesses the impact of dynamic immigration processes on economic and fiscal outcomes for the United States, a major destination of world population movements. This report will be a fundamental resource for policy makers and law makers at the federal, state, and local levels but extends to the general public, nongovernmental organizations, the business community, educational institutions, and the research community.

Cross-cultural management is an important facet of the globalized sport industry. Sport managers must be skilled at working with individuals from diverse cultures and aware of the key issues affecting sport on a global level. This book brings together cutting-edge research from leading sport scholars from around the world, to illuminate some of those important issues and to demonstrate what cross-cultural management looks like in a sporting context.

Presenting case studies from countries as diverse as the US, Brazil, Poland and Venezuela, and across a range of sports from football to basketball, the book presents new empirical material derived from a range of inquiry protocols, including both qualitative and quantitative methods. It offers critical analyses of cross-cultural and managerial issues in key areas such as group cohesiveness, group communications, and misperception and misinterpretation. Making an important contribution to our understanding of both theory and practice in sport management, this book is fascinating reading for any student, researcher or practitioner with an interest in global and international sport.

Explains how athletic fields are designed, constructed, and maintained

Get ready to explore the depths of the ocean, the farthest reaches of space, and everything in between! Volcanic eruptions, vampire bats, feathered velociraptors, and more await you in SCIENCE COMICS. In a not-so-distant future our world is as cold as a frozen burrito. But can humanity save itself by harnessing a power that dwells inside the Earth? Explode into the world of geology in Volcanoes: Fire and Life! A lot of magic happens under the Earth's crust. Thanks to magma vents, shifting continental plates, and volcanic eruptions, we know that our planet is alive and in motion. Alongside Aurora, a young explorer, you'll learn that volcanoes are just one of the massively powerful forces at work on our planet. From catastrophic destruction to the creation of new land masses, volcanoes have made their mark on our amazing Earth.

Fibre2Fashion magazine—the print venture of Fibre2Fashion.com since 2011—is circulated among a carefully-chosen target audience globally, and reaches the desks of top management and decision-makers in the textiles, apparel and fashion industry. As one of India's leading industry magazines for the entire textile value chain, Fibre2Fashion Magazine takes the reader beyond the mundane headlines, and analyses issues in-depth.

Written for the upper-level undergraduate or graduate level course for students pursuing a degree in Sports and Recreation Management, Human Resources in Sports: A Managerial Approach presents practical applications used by industry professionals in the areas of performance evaluation, benefits administration, candidate selection, employee discipline tactics, and much more. A wealth of information is provided by the authors who share a rich history of real-world sports experience as the former Human Resource Manager for a professional National Hockey League (NHL) franchise and an administrator for a Division II

institution belonging to the National Collegiate Athletics Association (NCAA). Every chapter features multiple case studies, industry voices, a global spotlight, discussion topics, and applied activities that emphasize the fusion of human resource management and sports.

The scientific principles underlying the dynamics of football, including blocking, tackling, and passing is made comprehensible in a study that highlights moments and feats in the game such as Franco Harris's Immaculate Reception.

Explains how to make a lawn safe and environmentally friendly using organic methods, and how to pick the best grass for each climate and sunlight situation. In this "addictive" (Publishers Weekly) romp, intrepid sportswriter Rafi Kohan finagles access to our most beloved fields to find out just what makes them tick: from old-timer Wrigley, creakily adjusting to the twenty-first century, to the oversized monstrosity of Jerry's World in Dallas. Investigating harrowing logistics and deeply ingrained traditions, Kohan employs his infectious "wit and style" (Christian Science Monitor) to expose the realities of building and maintaining these commercial cathedrals of sports worship. "Highly compelling" (Kirkus Reviews, starred review), *The Arena* is a must-read for superfans, shameless bandwagoners, athletes, groundskeepers, culture junkies, and anyone who's ever headed off eagerly to the ballpark to catch a game.

Noninfectious diseases; Infectious diseases; Ecology and taxonomy of pathogenic fungi; Disease control strategy; Disease diagnosis.

To maintain a competitive edge against other businesses, companies must ensure the most effective strategies and procedures are in place. This is particularly critical in smaller business environments with fewer resources.

*Strategic Optimization of Medium-Sized Enterprises in the Global Market* is a critical scholarly resource that highlights the optimization of management functions, such as working capital and marketing, and how to implement sustainable business management practices in the global world market.

Featuring coverage on a broad range of topics such as social entrepreneurship, marketing optimization, and globalization, this book is geared towards business managers, medium-sized enterprises, policy makers, business professionals, and upper-level students seeking current research on the performances of medium-sized enterprises across the world and their broader supply chain.

A colorful guide covering the basics of replacing a traditional lawn with a wide variety of easy-care, no-mow, drought-tolerant, money-saving options that will appeal to today's busy, eco-conscious homeowner. Americans pour 300 million gallons of gas and 1 billion hours every year into mowing their lawns, not to mention 70 million pounds of pesticides and \$40 billion for lawn upkeep. No Wonder the anti-lawn movement is thriving, as today's eco-conscious consumers realize that their traditional lawns are water-hogging, chemical-ridden, maintenance-intensive burdens. *Lawn Gone!*, from award-winning gardening blogger Pam Penick, is the first basic introduction to low-water, easy-care lawn alternatives for beginning gardeners, written in a friendly style with an

approachable package. It covers all the available time-saving options: alternative grasses, ground cover plants, artificial turf, hardscaping, mulch, and more. In addition, it includes step-by-step lawn-removal methods, strategies for dealing with neighbors and homeowner associations, and how to minimize your lawn if you're not ready to go all the way.

Originally published: New York: Doubleday, 2016.

A comprehensive survey of the American lawn and how caring for it impacts people's lives.

Fibre2Fashion - Textile Magazine - September 2017Fibre2Fashion

NEW YORK TIMES BEST SELLER • A grand, devastating portrait of three generations of the Sackler family, famed for their philanthropy, whose fortune was built by Valium and whose reputation was destroyed by OxyContin. From the prize-winning and bestselling author of *Say Nothing*, as featured in the HBO documentary *Crime of the Century*. The Sackler name adorns the walls of many storied institutions—Harvard, the Metropolitan Museum of Art, Oxford, the Louvre. They are one of the richest families in the world, known for their lavish donations to the arts and the sciences. The source of the family fortune was vague, however, until it emerged that the Sacklers were responsible for making and marketing a blockbuster painkiller that was the catalyst for the opioid crisis. *Empire of Pain* begins with the story of three doctor brothers, Raymond, Mortimer and the incalculably energetic Arthur, who weathered the poverty of the Great Depression and appalling anti-Semitism. Working at a barbaric mental institution, Arthur saw a better way and conducted groundbreaking research into drug treatments. He also had a genius for marketing, especially for pharmaceuticals, and bought a small ad firm. Arthur devised the marketing for Valium, and built the first great Sackler fortune. He purchased a drug manufacturer, Purdue Frederick, which would be run by Raymond and Mortimer. The brothers began collecting art, and wives, and grand residences in exotic locales. Their children and grandchildren grew up in luxury. Forty years later, Raymond's son Richard ran the family-owned Purdue. The template Arthur Sackler created to sell Valium—co-opting doctors, influencing the FDA, downplaying the drug's addictiveness—was employed to launch a far more potent product: OxyContin. The drug went on to generate some thirty-five billion dollars in revenue, and to launch a public health crisis in which hundreds of thousands would die. This is the saga of three generations of a single family and the mark they would leave on the world, a tale that moves from the bustling streets of early twentieth-century Brooklyn to the seaside palaces of Greenwich, Connecticut, and Cap d'Antibes to the corridors of power in Washington, D.C. *Empire of Pain* chronicles the multiple investigations of the Sacklers and their company, and the scorched-earth legal tactics that the family has used to evade accountability. The history of the Sackler dynasty is rife with drama—baroque personal lives; bitter disputes over estates; fistfights in boardrooms; glittering art collections; Machiavellian courtroom maneuvers; and the calculated use of money to burnish reputations and crush

the less powerful. *Empire of Pain* is a masterpiece of narrative reporting and writing, exhaustively documented and ferociously compelling. It is a portrait of the excesses of America's second Gilded Age, a study of impunity among the super elite and a relentless investigation of the naked greed and indifference to human suffering that built one of the world's great fortunes.

The transformations of the Strip—from the fake Wild West to neon signs twenty stories high to “starchitecture”—and how they mirror America itself. The Las Vegas Strip has impersonated the Wild West, with saloon doors and wagon wheels; it has decked itself out in midcentury modern sleekness. It has illuminated itself with twenty-story-high neon signs, then junked them. After that came Disney-like theme parks featuring castles and pirates, followed by replicas of Venetian canals, New York skyscrapers, and the Eiffel Tower. (It might be noted that forty-two million people visited Las Vegas in 2015—ten million more than visited the real Paris.) More recently, the Strip decided to get classy, with casinos designed by famous architects and zillion-dollar collections of art. Las Vegas became the “implosion capital of the world” as developers, driven by competition, got rid of the old to make way for the new—offering a non-metaphorical definition of “creative destruction.” In *The Strip*, Stefan Al examines the many transformations of the Las Vegas Strip, arguing that they mirror transformations in America itself. The Strip is not, as popularly supposed, a display of architectural freaks but representative of architectural trends and a record of social, cultural, and economic change. Al tells two parallel stories. He describes the feverish competition of Las Vegas developers to build the snazziest, most tourist-grabbing casinos and resorts—with a cast of characters including the mobster Bugsy Siegel, the eccentric billionaire Howard Hughes, and the would-be political kingmaker Sheldon Adelson. And he views the Strip in a larger social context, showing that it has not only reflected trends but also magnified them and sometimes even initiated them. Generously illustrated with stunning color images throughout, *The Strip* traces the many metamorphoses of a city that offers a vivid projection of the American dream.

When an activity raises threats of harm to human health or the environment, precautionary measures should be taken even if some cause and effect relationships are not fully established scientifically. This idea, known as the “Precautionary Principle,” is seen by environmentalists and public health experts as the key to protecting ecological and human health. In January 1998, the Science and Environmental Health Network convened an international group of scientists, researchers, environmentalists, academics, and labor representatives to discuss ways of incorporating the precautionary approach into environmental and public health decision-making. Known as the Wingspread Conference on Implementing the Precautionary Principle, the workshop focused on understanding the contexts under which the principle developed, its basis, and how it could be implemented. *Protecting Public Health and the Environment* is an outgrowth of that conference. The book: describes the history, specific content,

and scientific and philosophical foundations of the principle of precautionary action explains the functions of the principle in activities as diverse as agriculture and manufacturing explains how to know when precautionary action is needed and who decides what action will (or will not) be taken attempts to show how the burden of proof of environmental harm can be shifted to proponents of a potentially hazardous activity provides specific structures and mechanisms for implementing the precautionary principle. Throughout, contributors focus on the difficult questions of implementation and fundamental change required to support a more precautionary approach to environmental and public health hazards. Among the contributors are David Ozonoff, Nicholas Ashford, Ted Schettler, Robert Costanza, Ken Geiser, and Andrew Jordan. Public health professionals and academics, policymakers, environmental lawyers, sustainable agriculture proponents, economists, and environmental activists will find the book an enlightening and thought-provoking guide to a new way of thinking about ecosystem and public health protection.

Time. It is the thing that most people claim they don't have enough of, and the lack of it is the most common excuse for not exercising. But everyone has 14 minutes. 14-Minute Metabolic Workouts is the solution to everyone's time problem, in that it offers fitness-conscious people a variety of compact, science-based workouts that target the five components of physical fitness—cardiovascular endurance, muscular endurance, muscular strength, body composition, and flexibility. This complete guide includes information on cardio intervals, strength circuits, sprint intervals, muscle power workouts, and flexibility workouts—for people of different fitness levels to address everyone's individual needs. The book, which features photos to accompany the exercise descriptions, also includes workouts that can be done at the gym, at home, or outside. If that's not enough, the last chapter contains a cleverly-crafted "menu" of workouts so that readers can choose their own daily workout and create an individualized weekly training program. The perfect gift for anyone trying to lose weight and get fit!

A former government regulator reveals how the tobacco industry's duplicitous tactics created a multimillion-dollar industry that is dismantling public health safeguards, in an exposé of how the regulatory system has been further undermined by the Bush administration to favor polluters, the manufacturers of dangerous products, and unscrupulous corporate interests.

A witty, insider's look at the Great American Lawn--and the American male's obsession with it--answers questions about the origins of men's fascination with turf, mower design and mowing techniques, the science of luxuriant lawns, and more. Reprint. 15,000 first printing.

This concise manual is for sports medicine specialists who want to effectively prescribe footwear and orthotics for the athlete. The book provides a logical approach designed to maximize performance and minimize injury. In addition to the fundamentals, including athletic foot types, basic biomechanics, and gait evaluation, the text also addresses the assessment and prescription of shoes, inserts, and orthotics. The work covers new

technologies and sports-specific recommendations as well. By presenting essential information in a convenient and easily accessible format, this book will prove to be invaluable for sports medicine physicians, podiatrists, physical therapists, athletic trainers, and other specialists when making footwear recommendations for athletes. Grazing management might seem simple: just put livestock in a pasture and let them eat their fill. However, as Sarah Flack explains in *The Art and Science of Grazing*, the pasture/livestock relationship is incredibly complex. If a farmer doesn't pay close attention to how the animals are grazing, the resulting poorly managed grazing system can be harmful to the health of the livestock, pasture plants, and soils. Well-managed pastures can instead create healthier animals, a diverse and resilient pasture ecosystem, and other benefits. Flack delves deeply below the surface of "let the cows eat grass," demonstrating that grazing management is a sophisticated science that requires mastery of plant and animal physiology, animal behavior, and ecology. She also shows readers that applying grazing management science on a working farm is an art form that calls on grass farmers to be careful observers, excellent planners and record-keepers, skillful interpreters of their observations, and creative troubleshooters. *The Art and Science of Grazing* will allow farmers to gain a solid understanding of the key principles of grazing management so they can both design and manage successful grazing systems. The book's unique approach presents information first from the perspective of pasture plants, and then from the livestock perspective—helping farmers understand both plant and animal needs before setting up a grazing system. This book is an essential guide for ruminant farmers who want to be able to create grazing systems that meet the needs of their livestock, pasture plants, soils, and the larger ecosystem. The book discusses all the practical details that are critical for sustained success: how to set up a new system or improve existing systems; acreage calculations; paddock layout; fence and drinking water access; lanes and other grazing infrastructure; managing livestock movement and flow; soil fertility; seeding and reseeding pastures; and more. The author includes descriptions of real grazing systems working well on dairy, beef, goat, and sheep farms in different regions of North America. The book covers pasture requirements specific to organic farming, but will be of use to both organic and non-organic farms.

Few landscapes are as striking as that of the Hebrides, the hundreds of small islands that speckle the waters off Scotland's northwest coast. The jagged, rocky cliffs and roiling waves serve as a reminder of the islands' dramatic geological history, inspiring awe and dread in those drawn there. With Britain at their back and facing the Atlantic, the Hebrides were at the center of ancient shipping routes and have a remarkable cultural history as well, as a meeting place for countless cultures that interacted with a long, rich Gaelic tradition. After years of hearing about Scotland as a place deeply interwoven with the story of her family, Madeleine Bunting was driven to see for herself this place so symbolic and full of history. Most people travel in search of the unfamiliar, to leave behind the comfort of what's known to explore some suitably far-flung corner of the globe. From the first pages, it's clear that Madeleine Bunting's *Love of Country* marks a different kind of journey—one where all paths lead to a closer understanding of home, but a home bigger than Bunting's corner of Britain, the drizzly, busy streets of London with their scream of sirens and high-rise developments crowding the sky. Over six years, Bunting returned again and again to the Hebrides, fascinated by the question

of what it means to belong there, a question that on these islands has been fraught with tenacious resistance and sometimes tragedy. With great sensitivity, she takes readers through the Hebrides' history of dispossession and displacement, a history that can be understood only in the context of Britain's imperial past, and she shows how the Hebrides have been repeatedly used to define and imagine Britain. In recent years, the relationship between Britain and Scotland has been subject to its most testing scrutiny, and Bunting's travels became a way to reflect on what might be lost and what new possibilities might lie ahead. For all who have wondered how it might feel to stand face-out at the edge of home, *Love of Country* is a revelatory journey through one of the world's most remote, beautiful landscapes that encourages us to think of the many identities we wear as we walk our paths, and how it is possible to belong to many places while at the same time not wholly belonging to any.

Ten years after the publication of the first edition of this influential book, the evidence is even stronger that human economies are overwhelming the regenerative capacity of the planet. This book explains why long-term economic growth is infeasible, and why, especially in advanced economies, it is also undesirable. Simulations based on real data show that managing without growth is a better alternative

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