

## 2010 Secondary Solutions

Crude oil development and production in U.S. oil reservoirs can include up to three distinct phases: primary, secondary, and tertiary (or enhanced) recovery. During primary recovery, the natural pressure of the reservoir or gravity drive oil into the wellbore, combined with artificial lift techniques (such as pumps) which bring the oil to the surface. But only about 10 percent of a reservoir's original oil in place is typically produced during primary recovery. Secondary recovery techniques to the field's productive life generally by injecting water or gas to displace oil and drive it to a production wellbore, resulting in the recovery of 20 to 40 percent of the original oil in place. In the past two decades, major oil companies and research organizations have conducted extensive theoretical and laboratory EOR (enhanced oil recovery) researches, to include validating pilot and field trials relevant to much needed domestic commercial application, while western countries had terminated such endeavours almost completely due to low oil prices. In recent years, oil demand has soared and now these operations have become more desirable. This book is about the recent developments in the area as well as the technology for enhancing oil recovery. The book provides important case studies related to over one hundred EOR pilot and field applications in a variety of oil fields. These case studies focus on practical problems, underlying theoretical and modelling methods, operational parameters (e.g., injected chemical concentration, slug sizes, flooding schemes and well spacing), solutions and sensitivity studies, and performance optimization strategies. The book strikes an ideal balance between theory and practice, and would be invaluable to academicians and oil company practitioners alike. Updated chemical EOR fundamentals providing clear picture of fundamental concepts Practical cases with problems and solutions providing practical analogues and experiences Actual data regarding ranges of operation parameters providing initial design parameters Step-by-step calculation examples providing practical engineers with convenient procedures This book presents innovative technology-enhanced learning solutions for STEM education proposed by the EU Horizon 2020-funded NEWTON project by first highlighting the benefits and limitations of existing research work, e- learning systems and case studies that embedded technology in the teaching and learning process. NEWTON's proposed innovative technologies and pedagogies include adaptive multimedia and multiple sensorial media, virtual reality, fabrication and virtual labs, gamification, personalisation, game-based learning and self-directed learning pedagogies. The main objectives are to encourage STEM education among younger generations and to attract students to STEM subjects, making these subjects more appealing and interesting. Real life deployment of NEWTON technologies and developed educational materials in over 20 European educational institutions at primary, secondary and tertiary levels demonstrated statistical significant increases in terms of learner satisfaction, learner motivation and knowledge

acquisition.

Essential Public Affairs for Journalism is an invaluable guide for both journalism students and journalists. It offers engaging coverage of the workings of both central and local government, and gives stimulating insights into how they are, and could be, covered by journalists.

Describes the state of postwar development policy in Africa that has channeled billions of dollars in aid but failed to either reduce poverty or increase growth, offering a hopeful vision of how to address the problem.

Recoge:1.independence and ageing - 2.Ageing in european sociey: a snapshot - 3.Understanding the needs of older people - 4.Innovation for health, well-being and independent living - 5.Living independently - 6.Keeping healthy - 7.Remaining active - 8.Staying longer at home - 9.Towards a european approach - 10.Projects list.

Adolescence is a challenging stage for all individuals, especially for those with Autism Spectrum Disorder (ASD). Individuals with ASD face increased social isolation and engage in more challenging behaviors during adolescence. They also experience increased mental health challenges including anxiety and depression, and they are among the least likely of any disability group to attend college, be competitively employed, or live independently. At the same time, adolescents with ASD face a major shift in available services and support as they exit the K-12 educational system. The need to present what is known about this group in order to inform clinicians, researchers, and educators cannot be understated. Adolescents with Autism Spectrum Disorder synthesizes current science on adolescents and young adults with ASD in order to inform mental health practitioners and education professionals who work directly with these individuals. While early childhood interventions for ASD have been extensively developed and tested, research on adolescents and young adults with ASD has lagged behind until recently. This comprehensive handbook can be utilized to train students and professionals in applied mental health roles. The handbook includes three sections: Part I reviews diagnosis and treatment of adolescents with ASD; Part II details how to support their educational needs; and Part III discusses special populations including college students and young women. Chapters highlight recommendations for clinicians and include study questions and additional resources.

The AAP's authoritative guide on preventing, recognizing, and treating more than 200 childhood infectious diseases. Developed by the AAP's Committee on Infectious Diseases as well as the expertise of the CDC, the FDA, and hundreds of physician contributors.

`A comprehensive, well-written and beautifully organized book on publishing articles in the humanities and social sciences that will help its readers write forward with a first-rate guide as good company.' - Joan Bolker, author of Writing Your Dissertation in Fifteen Minutes a Day `Humorous, direct, authentic ... a seamless weave of experience, anecdote, and research.' - Kathleen McHugh,

professor and director of the UCLA Center for the Study of Women Wendy Laura Belcher's *Writing Your Journal Article in Twelve Weeks: A Guide to Academic Publishing Success* is a revolutionary approach to enabling academic authors to overcome their anxieties and produce the publications that are essential to succeeding in their fields. Each week, readers learn a particular feature of strong articles and work on revising theirs accordingly. At the end of twelve weeks, they send their article to a journal. This invaluable resource is the only guide that focuses specifically on publishing humanities and social science journal articles.

*Industrial Biorefineries and White Biotechnology* provides a comprehensive look at the increasing focus on developing the processes and technologies needed for the conversion of biomass to liquid and gaseous fuels and chemicals, in particular, the development of low-cost technologies. During the last 3-4 years, there have been scientific and technological developments in the area; this book represents the most updated information and technological perspective on the topic. Provides information on the most advanced and innovative pretreatment processes and technologies for biomass Covers information on lignocellulosic and algal biomass to work on the principles of biorefinery Provides information on integration of processes for the pretreatment of biomass Designed as a textbook for both graduate students and researchers

This exciting new handbook provides a global overview of the process of democratization, offering chapter by chapter discussion at both the country and regional levels and examining the interaction between the domestic and external factors that affect the progression of countries from authoritarian to democratic rule. Bringing together 29 key experts in the field, the work is designed to contrast the processes and outcomes of democratic reform in a wide range of different societies, evaluating the influence of factors such as religion, economic development, and financial resources. It is structured thematically into four broad sections: Section I provides a regional tour d'horizon of the current state of democratisation and democracy in eight regions around the world Section II examines key structures, processes and outcomes of democratisation and democracy Section III focuses on the relationship between democratisation and international relations through examination of a range of issues and actors including: the third and fourth waves of democracy, political conditionality, the United Nations, the European Union, the African Union and the Organisation of African States Section IV Examines the interaction between democratisation and development with a focus on poverty and inequality, security, human rights, gender, war, and conflict resolution. A comprehensive survey of democratization across the world, this work will be essential reading for scholars and policy-makers alike.

Combining research-based theory with fresh, practical guidance for the classroom, *The Essential Guide to Secondary Mathematics* is a stimulating new resource for all student and practising teachers looking for new ideas and inspiration. With an emphasis on exciting your mathematical and pedagogical passions, it focuses on the dynamics of the classroom and the process of designing and using rich mathematical tasks. Written by a highly experienced mathematics teacher who understands the realities of the secondary classroom, this book combines insights from the latest research into mathematical learning with useful strategies and ideas for engaging teaching. The text is punctuated by frequent tasks, some mathematical and others more reflective, which are designed to encourage independent thinking. Key topics covered include: Preparing yourself: thinking about

mathematics and pedagogy, taking care of your health and dealing with stress Different styles of learning and teaching mathematics Ideas for lessons: what does it take to turn an idea into a lesson? Tasks, timings and resources Equality and dealing positively with difference Mathematical starters, fillers and finishers: achieving variety The mathematical classroom community: seating layouts, displays and practical considerations Assessment: effective strategies for responding to learners' mathematics and writing reports. The Essential Guide to Secondary Mathematics will be a valuable resource both for beginning teachers interested in developing their understanding, and for experienced teachers looking to re-evaluate their practice. Aiming to develop all aspects of your mathematics teaching, this book will help you to devise, adapt and implement ideas for successful and enjoyable teaching and learning.

Introducing Global Health: Practice, Policy, and Solutions is a contemporary overview of the major issues in global public health. The book explores how population health might be maximized with the right blend of health system, education, anti-poverty, infectious disease, urban development, governance, and incentive-based policies. It covers topics critical for understanding the state of the world today, including wars for natural resources, the missing women phenomenon, and whether global aid really works. The book's case studies focus on developing economies, mixed economies, and new emerging superpowers. Thematic chapters are interwoven with running motifs, such as the health risks and benefits associated with different totalitarian, capitalist, and market socialist economies. Moving beyond statistics, the book represents a major innovation in the teaching of global health by presenting technical concepts including the incidence and prevalence of disease within the context of more accessible topics such as global poverty. This helps students contextualize otherwise challenging but critical concepts, such as the burden of infectious disease. By encouraging reflection, focusing on what works, and using activities and exercises, Introducing Global Health both teaches fundamentals of global public health and cultivates a policy perspective that is appealing and compelling for today's students.

Frankenstein; or, The Modern Prometheus is an 1818 novel written by English author Mary Shelley. Frankenstein tells the story of Victor Frankenstein, a young scientist who creates a sapient creature in an unorthodox scientific experiment. Shelley started writing the story when she was 18, and the first edition was published anonymously in London on 1 January 1818, when she was 20. Her name first appeared in the second edition, which was published in Paris in 1821. Shelley travelled through Europe in 1815 along the river Rhine in Germany, stopping in Gernsheim, 17 kilometres (11 mi) away from Frankenstein Castle, where two centuries before, an alchemist engaged in experiments. She then journeyed to the region of Geneva, Switzerland, where much of the story takes place. Galvanism and occult ideas were topics of conversation among her companions, particularly her lover and future husband Percy B. Shelley. In 1816, Mary, Percy and Lord Byron had a competition to see who could write the best horror story. After thinking for days, Shelley was inspired to write Frankenstein after imagining a scientist who created life and was horrified by what he had made.

The Future of Nursing explores how nurses' roles, responsibilities, and education should change significantly to meet the

increased demand for care that will be created by health care reform and to advance improvements in America's increasingly complex health system. At more than 3 million in number, nurses make up the single largest segment of the health care work force. They also spend the greatest amount of time in delivering patient care as a profession. Nurses therefore have valuable insights and unique abilities to contribute as partners with other health care professionals in improving the quality and safety of care as envisioned in the Affordable Care Act (ACA) enacted this year. Nurses should be fully engaged with other health professionals and assume leadership roles in redesigning care in the United States. To ensure its members are well-prepared, the profession should institute residency training for nurses, increase the percentage of nurses who attain a bachelor's degree to 80 percent by 2020, and double the number who pursue doctorates. Furthermore, regulatory and institutional obstacles -- including limits on nurses' scope of practice -- should be removed so that the health system can reap the full benefit of nurses' training, skills, and knowledge in patient care. In this book, the Institute of Medicine makes recommendations for an action-oriented blueprint for the future of nursing.

Anesthetic complications, which range from simple annoyances to patient mortality, are inevitable, given the many and complex interactions of doctor, patient, personnel, and facility. *Anesthesia Complications in the Dental Office* helps dentists minimize the frequency and severity of adverse events by providing concise and clinically relevant information that can be put to everyday use. *Anesthesia Complications in the Dental Office* presents the most up-to-date information on treating anesthesia complications and medical emergencies. Drs. Bosack and Lieblich and a team of expert contributors discuss patient risk assessment; considerations for special needs and medically compromised patients; routinely administered anesthetic agents; adversities that can arise before, during, and after administration of anesthesia; and emergency drugs and equipment. A must-have reference for every dental office.

In the United States, some populations suffer from far greater disparities in health than others. Those disparities are caused not only by fundamental differences in health status across segments of the population, but also because of inequities in factors that impact health status, so-called determinants of health. Only part of an individual's health status depends on his or her behavior and choice; community-wide problems like poverty, unemployment, poor education, inadequate housing, poor public transportation, interpersonal violence, and decaying neighborhoods also contribute to health inequities, as well as the historic and ongoing interplay of structures, policies, and norms that shape lives. When these factors are not optimal in a community, it does not mean they are intractable: such inequities can be mitigated by social policies that can shape health in powerful ways. *Communities in Action: Pathways to Health Equity* seeks to delineate the causes of and the solutions to health inequities in the United States. This report focuses on what communities can do to promote health equity, what actions are needed by the many and varied stakeholders that are part

of communities or support them, as well as the root causes and structural barriers that need to be overcome.

Calls for an end to religion's role in dictating morality, demonstrating how the scientific community's understandings about the human brain may enable the establishment of secular codes of behavior.

Fast, accurate answers on SharePoint 2010 administration—in an instant If you're a SharePoint administrator and are looking for fast, accurate, easy-to-understand answers and solutions, then this reference is for you. Thumb tabs, secondary and tertiary tables of contents, and special heading treatments ensure quick and easy ways to find practical solutions on the spot. In addition, quick-reference tables, lists, and step-by-step instruction provide even more helpful information on the day-to-day administration of Microsoft's newest collaboration solution. Features invaluable answers and solutions on a variety of SharePoint 2010 issues Includes quick-reference tables, lists, and step-by-step instructions on handling different SharePoint 2010 situations Serves as the perfect companion to any book on SharePoint Designed for busy IT professionals, this instant reference is the perfect go-to resource.

In the highly-anticipated second edition of *Changing Contours of Work: Jobs and Opportunities in the New Economy*, authors Sweet and Meiskins once again provide a rich analysis of the American workplace in the larger context of an integrated global economy. Through engaging vignettes and rich data, this text frames the development of jobs and employment opportunities in an international comparative perspective, revealing the historical transformations of work and identifying the profound effects that these changes have had on lives, jobs, and life chances. This text brings into focus the many complexities of class, race, and gender inequalities in the modern-day workplace, as well as details the consequences of job insecurity and work schedules mismatched to family needs. Throughout, strategic recommendations are offered that could help make the new economy work for us all.

Seminar paper from the year 2012 in the subject Business economics - General, grade: 1,5, Leeds Metropolitan University, course: Operations and Quality Management, language: English, abstract: The purpose of this paper is to examine and identify operations and quality issues within secondary services of the National Football League and to provide practical recommendations how to operational and quality performance can be improved. This exploratory conceptual paper is based on the synthesis of academic sources stating that sporting operations managers should focus their attention on secondary services as those are within managerial control while the professional game as the core service is not. Exploring ticket pricing strategies, parking operations and concessions' service quality, the findings indicate that continuous tracking of customer satisfaction and perception is needed to observe if introduced measures are effective and where areas for improvement are.

Eager to keep the existence of her new club a secret, Laura asks each member to tell her something embarrassing about

themselves, a tactic that could backfire. Reissue.

Mindfulness includes qualities of mind and heart; it provides a strong foundation for other social and emotional skills. Mindfulness is making inroads into classrooms, as teachers seek ways to center and focus their own attention as well as that of their distracted students. Trish Broderick describes the particular relevance of mindfulness to the teaching of adolescent students, including its potential to alleviate stress, foster motivation, engagement, and compassion—and ultimately, to improve both learning and social relationships. Her book is a guide to applying mindfulness to day-to-day classroom challenges; every chapter contains authentic vignettes of secondary teachers and students, brief practices to try, and a set of takeaway points and reflection questions.

**#1 NEW YORK TIMES BESTSELLER • NEWBERY MEDAL WINNER • NATIONAL BOOK AWARD WINNER** Dig deep in this award-winning, modern classic that will remind readers that adventure is right around the corner--or just under your feet! Stanley Yelnats is under a curse. A curse that began with his no-good-dirty-rotten-pig-stealing-great-great-grandfather and has since followed generations of Yelnatses. Now Stanley has been unjustly sent to a boys' detention center, Camp Green Lake, where the boys build character by spending all day, every day digging holes exactly five feet wide and five feet deep. There is no lake at Camp Green Lake. But there are an awful lot of holes. It doesn't take long for Stanley to realize there's more than character improvement going on at Camp Green Lake. The boys are digging holes because the warden is looking for something. But what could be buried under a dried-up lake? Stanley tries to dig up the truth in this inventive and darkly humorous tale of crime and punishment—and redemption. "A smart jigsaw puzzle of a novel." —New York Times \*Includes a double bonus: an excerpt from *Small Steps*, the follow-up to *Holes*, as well as an excerpt from the New York Times bestseller *Fuzzy Mud*.

This User's Guide is intended to support the design, implementation, analysis, interpretation, and quality evaluation of registries created to increase understanding of patient outcomes. For the purposes of this guide, a patient registry is an organized system that uses observational study methods to collect uniform data (clinical and other) to evaluate specified outcomes for a population defined by a particular disease, condition, or exposure, and that serves one or more predetermined scientific, clinical, or policy purposes. A registry database is a file (or files) derived from the registry. Although registries can serve many purposes, this guide focuses on registries created for one or more of the following purposes: to describe the natural history of disease, to determine clinical effectiveness or cost-effectiveness of health care products and services, to measure or monitor safety and harm, and/or to measure quality of care. Registries are classified according to how their populations are defined. For example, product registries include patients who have been exposed to biopharmaceutical products or medical devices. Health services registries consist of patients who have had a common procedure, clinical encounter, or hospitalization. Disease or condition registries are defined by patients having the same diagnosis, such as cystic fibrosis or heart failure. The User's Guide was created by researchers affiliated with AHRQ's Effective Health Care Program, particularly those who participated in AHRQ's DEcIDE (Developing Evidence to Inform Decisions About Effectiveness) program. Chapters were subject to multiple internal and external independent reviews. Important changes within the NHS and nursing have taken place over the last fifteen years. The healthcare environment has been

transformed and the picture of professional nursing redrawn and sharpened. But how do these changes relate to practising nurses and student nurses at the beginning of their professional practice and what effect will they have on the everyday lives of nurses and their patients? *Social Policy for Nurses* aims to answer these essential questions, providing the ideal introduction to health policy for nurses at all stages of their careers. Written in an engaging and accessible style, the book provides a comprehensive discussion of the current policy imperatives facing nurses across the UK. The text offers a clear overview of the nature of policy and policy-making, reminding nurses of their ability, and responsibility, to become involved. The importance of learning lessons from the past, both good and bad, is strongly emphasised and the book has helpful chapter summaries, case studies and learning activities to help readers engage with the policies discussed. The themes explored include: Working in partnership and empowering the users Building a healthier nation Professionalism Information technology The future for the profession and for a high-quality, collectively provided health service is now very much in the hands of all nurses. This book sets out to inspire the current and future generation of nurses to reflect fully on the influence that health policy has on their profession and daily practice, and on health service provision more generally.

Nationally recognised as the definitive guide to clinical nursing skills, *The Royal Marsden Manual of Clinical Nursing Procedures* has provided essential nursing knowledge and up-to-date information on nursing skills and procedures for over 30 years. Now in its 9th edition, this full-colour manual provides the underlying theory and evidence for procedures enabling nurses to gain the confidence they need to become fully informed, skilled practitioners. Written with the qualified nurse in mind, this manual provides up-to-date, detailed, evidence-based guidelines for over 200 procedures related to every aspect of a person's care including key information on equipment, the procedure and post-procedure guidance, along with full colour illustrations and photos. Following extensive market research, this ninth edition: contains the procedures and changes in practice that reflect modern acute nursing care includes thoroughly reviewed and updated evidence underpinning all procedures is organised and structured to represent the needs of a patient along their care pathway integrates risk-management into relevant chapters to ensure it is central to care contains revised procedures following 'hands-on' testing by staff and students at Kingston University is also available as an online edition

Recoge: 1. Introduction -- 2. Projections of global and sectoral development of employment in Germany -- 3. Projections of the structure of activities and qualifications of the active population -- 4. Merits and constraints of projections for policy-makers and vocational guidance -- 5. Statistical sources and classifications.

To better identify and assist struggling students and avoid unnecessary placement into special education services, the service delivery model response to intervention (RTI) is used with the general education population. Even though RTI has been studied in elementary schools for many years, further research on its use at the secondary academic level is scarce. *Advanced Strategies and Models for Integrating RTI in Secondary Schools* provides emerging research exploring the advanced theoretical and practical aspects of the use of RTI to assist teachers in providing research-based instructional strategies to students who are failing their

academic subjects. Featuring coverage on a broad range of topics such as behavioral response, progress monitoring, and career readiness, this book is ideally designed for educators, researchers, and academic professionals seeking current research on the most effective models in place to promote positive student academic achievement.

This updated and expanded version of the second edition explains the physical principles underlying the behaviour of glaciers and ice sheets. The text has been revised in order to keep pace with the extensive developments which have occurred since 1981. A new chapter, of major interest, concentrates on the deformation of subglacial till. The book concludes with a chapter on information regarding past climate and atmospheric composition obtainable from ice cores. Labour markets are differentiated by occupation and types of training, and these submarkets are seldom in equilibrium. This disequilibrium -- shortages and surpluses in labour markets -- is often attributed to a lack of flexibility in wage structures, the limited possibility for substitution between submarkets, and the high adjustment costs. In addition, market changes are difficult to foresee, thus making it equally difficult to respond appropriately. This book contains the results of research from three major European institutes -- the Research Centre for Education and the Labor Market (ROA) at the University of Limburg in the Netherlands, the Institute for Employment Research (IER) at the University of Warwick in the U.K., and Institut für Arbeitsmarkt- und Berufsforschung (IAB) at the Bundesanstalt für Arbeit in Germany -- looking at how each institute conducts labour market forecasts by education and type of training. The common element of these institutes is their use of the manpower requirements method. The book is grouped into three parts -- Models and Methods, Forecasts, and Reflections -- with each institute presenting its results in each section.

This book discusses current theory regarding global mobile satellite communications (GMSC) for maritime, land (road and rail), and aeronautical applications. It covers how these can enable connections between moving objects such as ships, road and rail vehicles and aircrafts on one hand, and on the other ground telecommunications subscribers through the medium of communications satellites, ground earth stations, Terrestrial Telecommunication Networks (TTN), Internet Service Providers (ISP) and other wireless and landline telecommunications providers. This new edition covers new developments and initiatives that have resulted in land and aeronautical applications and the introduction of new satellite constellations in non-geostationary orbits and projects of new hybrid satellite constellations. The book presents current GMSC trends, mobile system concepts and network architecture using a simple mode of style with understandable technical information, characteristics, graphics, illustrations and mathematics equations. The first edition of Global Mobile Satellite Communications (Springer, 2005) was split into two books for the second edition—one on applications and one on theory. This book presents global mobile satellite communications theory.

Drug overdose, driven largely by overdose related to the use of opioids, is now the leading cause of unintentional injury

death in the United States. The ongoing opioid crisis lies at the intersection of two public health challenges: reducing the burden of suffering from pain and containing the rising toll of the harms that can arise from the use of opioid medications. Chronic pain and opioid use disorder both represent complex human conditions affecting millions of Americans and causing untold disability and loss of function. In the context of the growing opioid problem, the U.S. Food and Drug Administration (FDA) launched an Opioids Action Plan in early 2016. As part of this plan, the FDA asked the National Academies of Sciences, Engineering, and Medicine to convene a committee to update the state of the science on pain research, care, and education and to identify actions the FDA and others can take to respond to the opioid epidemic, with a particular focus on informing FDA's development of a formal method for incorporating individual and societal considerations into its risk-benefit framework for opioid approval and monitoring.

**#1 NEW YORK TIMES BESTSELLER • OPRAH'S BOOK CLUB PICK • NATIONAL BOOK AWARD LONGLIST •** “An instant American classic and almost certainly the keynote nonfiction book of the American century thus far.”—Dwight Garner, *The New York Times* The Pulitzer Prize–winning, bestselling author of *The Warmth of Other Suns* examines the unspoken caste system that has shaped America and shows how our lives today are still defined by a hierarchy of human divisions. **NAMED THE #1 NONFICTION BOOK OF THE YEAR BY TIME, ONE OF THE TEN BEST BOOKS OF THE YEAR BY People • The Washington Post • Publishers Weekly AND ONE OF THE BEST BOOKS OF THE YEAR BY The New York Times Book Review • O: The Oprah Magazine • NPR • Bloomberg • Christian Science Monitor • New York Post • The New York Public Library • Fortune • Smithsonian Magazine • Marie Claire • Town & Country • Slate • Library Journal • Kirkus Reviews • LibraryReads • PopMatters Winner of the Los Angeles Times Book Prize • National Book Critics Circle Award Finalist • Dayton Literary Peace Prize Finalist • PEN/John Kenneth Galbraith Award for Nonfiction Finalist • PEN/Jean Stein Book Award Longlist** “As we go about our daily lives, caste is the wordless usher in a darkened theater, flashlight cast down in the aisles, guiding us to our assigned seats for a performance. The hierarchy of caste is not about feelings or morality. It is about power—which groups have it and which do not.” In this brilliant book, Isabel Wilkerson gives us a masterful portrait of an unseen phenomenon in America as she explores, through an immersive, deeply researched narrative and stories about real people, how America today and throughout its history has been shaped by a hidden caste system, a rigid hierarchy of human rankings. Beyond race, class, or other factors, there is a powerful caste system that influences people’s lives and behavior and the nation’s fate. Linking the caste systems of America, India, and Nazi Germany, Wilkerson explores eight pillars that underlie caste systems across civilizations, including divine will, bloodlines, stigma, and more. Using riveting stories about people—including Martin Luther King, Jr., baseball’s Satchel Paige, a single father and his toddler son, Wilkerson herself, and many others—she shows the ways

that the insidious undertow of caste is experienced every day. She documents how the Nazis studied the racial systems in America to plan their out-cast of the Jews; she discusses why the cruel logic of caste requires that there be a bottom rung for those in the middle to measure themselves against; she writes about the surprising health costs of caste, in depression and life expectancy, and the effects of this hierarchy on our culture and politics. Finally, she points forward to ways America can move beyond the artificial and destructive separations of human divisions, toward hope in our common humanity. Beautifully written, original, and revealing, *Caste: The Origins of Our Discontents* is an eye-opening story of people and history, and a reexamination of what lies under the surface of ordinary lives and of American life today.

How do we equip learners with the values, knowledge, skills, and motivation to help achieve economic, social and ecological well-being? How can universities make a major contribution towards a more sustainable future? Amid rising expectations on HE from professional associations, funders, policy makers, and undergraduates, and increasing interest amongst academics and senior management, a growing number of higher education institutions are taking the lead in embracing sustainability. This response does not only include greening the campus but also transforming curricula and teaching and learning. This book explains why this is necessary and – crucially – how to do it. Bringing together the experience of the HEFCE funded Centre for Sustainable Futures (CSF) at the University of Plymouth and the Higher Education Academy's Education for Sustainable Development Project, the book distills out the curriculum contributions of a wide range of disciplinary areas to sustainability. The first part of the book provides background on the current status of sustainability within higher education, including chapters discussing interdisciplinarity, international perspectives and pedagogy. The second part features 13 chapter case studies from teachers and lecturers in diverse disciplines, describing what has worked, how and why - and what hasn't. Whilst the book is organised by traditional disciplines, the authors and editors emphasise transferable lessons and interdisciplinarity so that readers can learn from examples outside their own area to embed sustainability within their own curricula and teaching. Subject areas covered include: geography, environmental and Earth Sciences, nursing/health, law, dance, drama, music, engineering, media and cultural studies, art and design, theology, social work, economics, languages, education, business and built environment.

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