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Environmental Studies

Environmental Studies 2E

Tata McGraw-Hill Education

PRINCIPLES OF ENVIRONMENTAL SCIENCE AND ENGINEERING

PHI Learning Pvt. Ltd. Primarily intended as a text for undergraduate students of engineering for their core course in environmental studies, this book gives a clear introduction to the fundamental principles of ecology and environmental science and aptly summarizes the relationship between ecology and environmental engineering. Divided into three parts, the book begins by discussing the biosphere, natural resources, ecosystems, biodiversity, and community health. Then it goes on to give detailed description on topics such as pollution and control, environmental management, and sustainable development. Finally, it focuses on environmental chemistry, environmental microbiology, and monitoring and analysis of pollutants.

Environmental Science and Engineering

This book has been designed in such a way that it will develop interest among students and will sensitize them about environment, natural resources and conservation of nature. This book is as per UGC guideline with inputs from various government and non-government environmental institutes.

ELEMENTS OF ENVIRONMENTAL SCIENCE AND ENGINEERING

PHI Learning Pvt. Ltd. Designed as a text for all undergraduate students of engineering for their core course in Environmental Science and Engineering and for elective courses in environmental health engineering and pollution and control engineering for students of civil engineering, this comprehensive text, now in its Second Edition provides an in-depth analysis of the fundamental concepts. It also introduces the reader to different niche areas of environmental science and engineering. The book covers a wide array of topics, such as natural resources, disaster management, biodiversity, and various forms of pollution, viz. water pollution, air pollution, soil pollution, noise pollution, thermal

pollution, and marine pollution, as well as environmental impact assessment and environmental protection. This edition introduces a new chapter on Environment and Human Health. **KEY FEATURES** : Gives in-depth yet lucid analysis of topics, making the book user-friendly. Covers important topics, which are adequately supported by illustrative diagrams. Provides case studies to explore real-life problems. Supplies review questions at the end of each chapter to drill the students in self-study.

Environmental Studies

Pearson Education India

Handbook of Universities

Atlantic Publishers & Dist **The Most Authentic Source Of Information On Higher Education In India The Handbook Of Universities, Deemed Universities, Colleges, Private Universities And Prominent Educational & Research Institutions Provides Much Needed Information On Degree And Diploma Awarding Universities And Institutions Of National Importance That Impart General, Technical And Professional Education In India. Although Another Directory Of Similar Nature Is Available In The Market, The Distinct Feature Of The Present Handbook, That Makes It One Of Its Kind, Is That It Also Includes Entries And Details Of The Private Universities Functioning Across The Country. In This Handbook, The Universities Have Been Listed In An Alphabetical Order. This Facilitates Easy Location Of Their Names. In Addition To The Brief History Of These Universities, The Present Handbook Provides The Names Of Their Vice-Chancellor, Professors And Readers As Well As Their Faculties And Departments. It Also Acquaints The Readers With The Various Courses Of Studies Offered By Each University. It Is Hoped That The Handbook In Its Present Form, Will Prove Immensely Helpful To The Aspiring Students In Choosing The Best Educational Institution For Their Career Enhancement. In Addition, It Will Also Prove Very Useful For The Publishers In Mailing Their Publicity Materials. Even The Suppliers Of Equipment And Services Required By These Educational Institutions Will Find It Highly Valuable.**

Fundamentals of Petroleum and Petrochemical Engineering

CRC Press **The supply of petroleum continues to dwindle at an alarming rate, yet it is the source of a range of products—from gasoline and diesel to plastic, rubber, and synthetic fiber. Critical to the future of this commodity is that we learn to use it more judiciously and efficiently. Fundamentals of Petroleum and Petrochemical Engineering provides a holi**

Strengthening Forensic Science in the United States

A Path Forward

National Academies Press **Scores of talented and dedicated people serve the forensic science community, performing vitally important work. However, they are often constrained by lack of adequate resources, sound policies, and national support. It is clear that change and advancements, both systematic and scientific, are needed in a number of forensic science disciplines to ensure the reliability of work, establish enforceable standards, and promote best practices with consistent application. Strengthening Forensic Science in the United States: A Path Forward provides a detailed plan for addressing these needs and suggests the creation of a new government entity, the National Institute of Forensic Science, to establish and enforce standards within the forensic science community. The benefits of improving and regulating the forensic science disciplines are clear: assisting law enforcement officials, enhancing homeland security, and reducing the risk of wrongful conviction and exoneration. Strengthening Forensic Science in the United States gives a full account of what is needed to advance the forensic science disciplines, including upgrading of systems and organizational structures, better training, widespread adoption of uniform and enforceable best practices, and mandatory certification and accreditation programs. While this book provides an essential call-to-action for congress and policy makers, it also serves as a vital tool for law enforcement agencies, criminal prosecutors and attorneys, and forensic science educators.**

Science and Public Policy

The Virtuous Corruption of Virtual Environmental Science

Edward Elgar Publishing Argues that the virtual nature of much environmental science and the application of non-science principles such as the precautionary principle facilitate the virtuous corruption of environmental science. This book illustrates that the problem is widespread than this area alone would suggest and is common in the important field of climate science.

Environmental Pollution Control Engineering

New Age International This Revised Edition Of The Book On Environmental Pollution Control Engineering Features A Systematic And Thorough Treatment Of The Principles Of The Origin Of Air, Water And Land Pollutants, Their Effect On The Environment And The Methods Available To Control Them. The Demographic And Environmental Trends, Energy Consumption Patterns And Their Impact On The Environment Are Clearly Discussed. Application Of The Physical, And Chemical Engineering Concepts To The Design Of Pollution Control Equipment Is Emphasized. Due Importance Is Given To Modelling, Quality Monitoring And Control Of Specific Major Pollutants. A Separate Chapter On The Management Of Hazardous Wastes Is Added. Information Pertaining To Indian Conditions Is Given Wherever Possible To Help The Reader Gain An Insight Into India Sown Pollution Problems. This Book Is Mainly Intended As A Textbook For An Integrated One-Semester Course For Senior Level Undergraduate Or First Year Post-Graduate Engineering Students And Can Also Serve As A Reference Book To Practising Engineers And Decision Makers Concerned With Environmental Pollution Control.

Perspectives in Environmental Studies

New Age International Environmental Studies Pertain To A Systematic Analysis Of The Natural And Man-Made World Encompassing Various Scientific, Economic, Social And Ethical Aspects. Human Impacts Leading To Large-Scale Degradation Of The Environment Have Aroused Global Concern On Environmental Issues In The Recent Years. The Apex

Court Has Hence, Issued Directive To Impart Environmental Literacy To All. In This Book The Fundamental Concepts Of Environmental Studies Have Been Introduced And Analyzed In A Simple Manner Strictly As Per The Module Syllabus Designed By The Ugc For Undergraduate Courses In Science, Humanities, Engineering, Medicine, Pharmacy, Commerce, Management And Law. Besides The Undergraduate Students Of All Disciplines The Book Will Also Be Useful For Those Appearing In Various Competitive Exams Since Environmental Issues Now Find A Focus In Most Of Such Examinations. The Contents Of The Book Will Be Of Interest To All Educationists, Planners And Policy Makers. Key Features Of The Book Include A Simple And Holistic Approach With Illustrations, Tables And Specific Case Studies Mainly In The Indian Context. The Basic Terminologies Have Been Defined In The Text While Introducing The Topics And Some Useful Terms Mentioned In The Text Have Been Explained In The Glossary For An Easy Grasp By Students Of All Disciplines.

A Textbook of Engineering Drawing

S. Chand Publishing **Drafting Equipment □ Sheet Sizes, Scales, Lines and Lettering □ Scales □ Loci of Points □ Engineering Curves □ Projections, Planes of Projections and Systems of Projections □ Orthographic Projections of Points □ Projections of Straight Lines □ Projections of Planes □ Projections of Point, Line and Plane on Auxiliary Planes □ Projections of Solids □ Sections of Solids □ Development of Surfaces of Solids □ Interpenetration of Solids and Lines/Curves of Penetration □ Orthographic Projections □ Sectional Orthographic Projections □ Orthographic Reading □ Isometric (Projection/View/Drawing) (Axonometric Projection) □ Detail and Assembly Drawings □ Dimensioning □ Limits, Fits and Tolerances □ Fasteners □ Couplings □ Bearings □ AutoCAD □**

Environmental Studies

From Crisis to Cure

Oxford University Press, USA **Adopting a lucid approach, the book aims to develop an appreciation of the seriousness of the environmental crisis at the local and global levels. The text discusses the major environmental problems we face today: global warming, overexploitation of natural resources, degraded land, disappearing forests, endangered species, rising pollution, growing population, and dangerous toxins, among others. The book illustrates various**

problems, solutions, successes, and failures with numerous Indian and global examples. Written in a student-friendly manner, the text is enriched with a number of photographs and illustrations.

Ethical Engineering for International Development and Environmental Sustainability

Springer Ensuring that their work has a positive influence on society is a responsibility and a privilege for engineers, but also a considerable challenge. This book addresses the ways in which engineers meet this challenge, working from the assumption that for a project to be truly ethical both the undertaking itself and its implementation must be ethically sound. The contributors discuss varied topics from an international and interdisciplinary perspective, including | robot ethics; | outer space; | international development; | internet privacy and security; | green branding; | arms conversion; | green employment; and | deliberate misinformation about climate change Important questions are answered, such as | what is meant by engineering ethics and its practical implications; | how decisions made by engineers in their working lives make an impact at the global as well as the local level; and | what ethics-related questions should be asked before making such decisions. *Ethical Engineering for International Development and Environmental Sustainability* will be a valuable resource for practising and student engineers as well as all who are interested in professional ethics, especially as it relates to engineering. Researchers and policy makers concerned with the effects of engineering decisions on environmental sustainability and international stability will find this book to be of special interest.

Environmental Science & Engineering

Ayahuasca Shamanism in the Amazon and Beyond

Oxford University Press, USA "This book discusses how Amerindian epistemology and ontology related to certain indigenous shamanic rituals of the Amazon spread to Western societies, and how indigenous, mestizo, and cosmopolitan cultures have dialogued with and transformed these forest traditions. The collection also focuses on how

shamanic rituals have been spreading and developing in post-traditional urban contexts throughout the world. Special attention is given to ayahuasca, a psychoactive drink usually composed of two plants, the vine *Banisteriopsis caapi* and leaves of the *Psychotria viridis* bush. Ayahuasca use has spread beyond its Amazonian origin and instigated a variety of legal and cultural responses in the countries it has spread to. The chapters in this book address some of the ways these responses have influenced ritual design and performance in traditional and non-traditional contexts. The book analyzes how displaced indigenous people and rubber tappers are engaged in creative reinvention of rituals, and how these rituals help build ethnic alliances and cultural and political strategies for their marginalized position. It also explores modernity's fascination with "tradition" and the "other." This phenomenon is directly tied to important classic and contemporary issues in anthropology. Some of them are the relationship between the expansion of ecotourism and ethnic tourism, recent indigenous cultural revivals, and the emergence of new ethnic identities. Another focus of this book is on trends in the commodification of indigenous cultures in post-colonial contexts, and the combination of shamanism with a network of health and spiritually-related services. Finally, the book addresses the topic of identity hybridization in global societies"--

Reference Guide to the International Space Station

CreateSpace The International Space Station (ISS) is a great international, technological, and political achievement. It is the latest step in humankind's quest to explore and live in space. The research done on the ISS may advance our knowledge in various areas of science, enable us to improve life on this planet, and give us the experience and increased understanding that can eventually equip us to journey to other worlds. As a result of the Station's complexity, few understand its configuration, its design and component systems, or the complex operations required in its construction and operation. This book provides high-level insight into the ISS. The ISS is in orbit today, operating with a crew of three. Its assembly will continue through 2010. As the ISS grows, its capabilities will increase, thus requiring a larger crew. Currently, 16 countries are involved in this venture. The sophisticated procedures required in the Station's construction and operation are presented in Amazing 3D Graphics generated by NASA 104 pages of spectacularly detailed color graphics the Space Station as you've never seen it before!

The Worth of the University

Yale University Press **Published on the occasion of Richard C. Levin's retirement as president of Yale University, this captivating collection of speeches and essays from the past decade reflects both his varied intellectual passions and his deep commitment to university life and leadership. Whether discussing the economic implications of climate change or speaking to an incoming class of Yale freshmen, he argues for the vital importance of scholarship and the critical role that universities play in educating students and promoting the overall well-being of our society. This collection is a sequel to *The Work of the University*, which contained the principal writings from Levin's first decade as Yale's president, and it enunciates many of the same enduring themes: forging a strong partnership with the city of New Haven, rebuilding Yale's physical infrastructure, strengthening science and engineering, and internationalizing the university. But this companion volume also captures the essence of university leadership. In addressing topics as varied as his personal sources of inspiration, the development of Asian universities, and the university's role in promoting innovation and economic growth, Levin challenges the reader to be more engaged, more creative, more innovative, and above all, a better global citizen. Throughout, his commitment to and affection for Yale shines through.** /div

Recorded Music in American Life

The Phonograph and Popular Memory, 1890-1945

Oxford University Press **Have records, compact discs, and other sound reproduction equipment merely provided American listeners with pleasant diversions, or have more important historical and cultural influences flowed through them? Do recording machines simply capture what's already out there, or is the music somehow transformed in the dual process of documentation and dissemination? How would our lives be different without these machines? Such are the questions that arise when we stop taking for granted the phenomenon of recorded music and the phonograph itself. Now comes an in-depth cultural history of the phonograph in the United States from 1890 to 1945. William Howland Kenney offers a full account of what he calls "the 78 r.p.m. era"--from the formative early decades in which the giants of the record**

industry reigned supreme in the absence of radio, to the postwar proliferation of independent labels, disk jockeys, and changes in popular taste and opinion. By examining the interplay between recorded music and the key social, political, and economic forces in America during the phonograph's rise and fall as the dominant medium of popular recorded sound, he addresses such vital issues as the place of multiculturalism in the phonograph's history, the roles of women as record-player listeners and performers, the belated commercial legitimacy of rhythm-and-blues recordings, the "hit record" phenomenon in the wake of the Great Depression, the origins of the rock-and-roll revolution, and the shifting place of popular recorded music in America's personal and cultural memories. Throughout the book, Kenney argues that the phonograph and the recording industry served neither to impose a preference for high culture nor a degraded popular taste, but rather expressed a diverse set of sensibilities in which various sorts of people found a new kind of pleasure. To this end, *Recorded Music in American Life* effectively illustrates how recorded music provided the focus for active recorded sound cultures, in which listeners shared what they heard, and expressed crucial dimensions of their private lives, by way of their involvement with records and record-players. Students and scholars of American music, culture, commerce, and history--as well as fans and collectors interested in this phase of our rich artistic past--will find a great deal of thorough research and fresh scholarship to enjoy in these pages.

Environmental Science

New Age International

Fundamentals of Environmental and Toxicological Chemistry

Sustainable Science, Fourth Edition

CRC Press **Fundamentals of Environmental and Toxicological Chemistry: Sustainable Science, Fourth Edition** covers university-level environmental chemistry, with toxicological chemistry integrated throughout the book. This new edition of a bestseller provides an updated text with an increased emphasis on sustainability and green chemistry. It is

organized based on the five spheres of Earth's environment: (1) the hydrosphere (water), (2) the atmosphere (air), (3) the geosphere (solid Earth), (4) the biosphere (life), and (5) the anthrosphere (the part of the environment made and used by humans). The first chapter defines environmental chemistry and each of the five environmental spheres. The second chapter presents the basics of toxicological chemistry and its relationship to environmental chemistry. Subsequent chapters are grouped by sphere, beginning with the hydrosphere and its environmental chemistry, water pollution, sustainability, and water as nature's most renewable resource. Chapters then describe the atmosphere, its structure and importance for protecting life on Earth, air pollutants, and the sustainability of atmospheric quality. The author explains the nature of the geosphere and discusses soil for growing food as well as geosphere sustainability. He also describes the biosphere and its sustainability. The final sphere described is the anthrosphere. The text explains human influence on the environment, including climate, pollution in and by the anthrosphere, and means of sustaining this sphere. It also discusses renewable, nonpolluting energy and introduces workplace monitoring. For readers needing additional basic chemistry background, the book includes two chapters on general chemistry and organic chemistry. This updated edition includes three new chapters, new examples and figures, and many new homework problems.

Between Beats

The Jazz Tradition and Black Vernacular Dance

Oxford University Press "The Jazz Tradition and Black Vernacular Dance explores the complex intersections between jazz music and popular dance over the last hundred-plus years. It aims to show how popular entertainment and cultures of social dancing were crucial to jazz music's formation and development, but it also investigates the processes through which jazz music came to earn a reputation as a "legitimate" art form better suited for still, seated listening. Through the concept of "choreographies of listening," the book explores amateur and professional jazz dancers' relationships with jazz music and musicians as jazz's soundscapes and choreoscapes were forged through close contact and mutual creative exchange. The book's later chapters also critically unpack the aesthetic and political negotiations through which jazz music supposedly distanced itself from dancing bodies. As musicians and critics sought to secure institutional space for jazz within America's body-averse academic and high-art cultures, an intentional severance from

the dancing body proved crucial to jazz's re-positioning as a form of autonomous, elite art. Fusing little-discussed material from diverse historical and contemporary sources with the author's own years of experience as a social jazz dancer, this book seeks to advance participatory dance and embodied practice as central topics of analysis in jazz studies. As it tells the rich, untold story of jazz as popular dance music, this book also exposes how American anxieties about bodies and a broad cultural privileging of the cerebral over the corporeal have shaped efforts to "elevate" expressive forms such as jazz to elite status"--

The Natural History of the Crustacea

Evolution and Biogeography of the Crustacea, Volume 8

Oxford University Press This is the eighth volume of a ten-volume series on The Natural History of the Crustacea. The volume examines Evolution and Biogeography, and the first part of this volume is entirely dedicated to the explanation of the origins and successful establishment of the Crustacea in the oceans. In the second part of the book, the biogeography of the Crustacea is explored in order to infer how they conquered different biomes globally while adapting to a wide range of aquatic and terrestrial conditions. The final section examines more general patterns and processes, and the chapters offer useful insight into the future of crustaceans.

Appalling Bodies

Queer Figures Before and After Paul's Letters

Oxford University Press, USA The letters of Paul are among the most commonly cited biblical texts in ongoing cultural and religious disputes about gender, sexuality, and embodiment. *Appalling Bodies* reframes these uses of the letters by reaching past Paul toward other, far more fascinating figures that appear before, after, and within the letters. The letters repeat ancient stereotypes about women, eunuchs, slaves, and barbarians--in their Roman imperial setting, each of these overlapping groups were cast as debased, dangerous, and complicated. Joseph Marchal presents new ways for us to think about these dangers and complications with the help of queer theory. *Appalling Bodies* juxtaposes

these ancient figures against recent figures of gender and sexual variation, in order to defamiliarize and reorient what can be known about both. The connections between the marginalization and stigmatization of these figures troubles the history, ethics, and politics of biblical interpretation. Ultimately, Marchal assembles and reintroduces us to Appalling Bodies from then and now, and the study of Paul's letters may never be the same.

Encyclopedia of Information Science and Technology

IGI Global Snippet "This set of books represents a detailed compendium of authoritative, research-based entries that define the contemporary state of knowledge on technology"--Provided by publisher.

Navigating Multiple Identities

Race, Gender, Culture, Nationality, and Roles

OUP USA In our increasingly complex, globalized world, people often carry conflicting psychosocial identities. This volume considers individuals who are navigating across racial minority or majority status, various cultural expectations and values, gender identities, and roles. The authors explore how people bridge loyalties and identifications.

Basic environmental engineering [electronic resource]

About the Book: This textbook provides the basic information about the Environmental Engineering and as such, very much useful for the first year B. Tech. students of all branches/disciplines. The book covers the new syllabus of the semester scheme for the first year in R.T.U. and other universities. It encompasses the practical applications of the subject, that is the real need of the hour and also discusses the major environmental problems we face today. Key features Contains authentic information provided by the different Manuals prepared by The C.P.H.E.E.O. Includes examples of diffe.

Textbook of Environmental Studies for Undergraduate Courses

Universities Press **The Importance Of Environmental Studies Cannot Be Disputed Since The Need For Sustainable Development Is A Key To The Future Of Mankind. Recognising This, The Honourable Supreme Court Of India Directed The Ugc To Introduce A Basic Course On Environmental Education For Undergraduate Courses In All Disciplines, To Be Implemented By Every University In The Country. Accordingly, The Ugc Constituted An Expert Committee To Formulate A Six-Month Core Module Syllabus For Environmental Studies. This Textbook Is The Outcome Of The Ugc S Efforts And Has Been Prepared As Per The Syllabus. It Is Designed To Bring About An Awareness On A Variety Of Environmental Concerns. It Attempts To Create A Pro-Environmental Attitude And A Behavioural Pattern In Society That Is Based On Creating Sustainable Lifestyles And A New Ethic Towards Conservation. This Textbook Stresses On A Balanced View Of Issues That Affect Our Daily Lives. These Issues Are Related To The Conflict Between Existing `Development Strategies And The Need For `Conservation . It Not Only Makes The Student Better Informed On These Concerns, But Is Expected To Lead The Student Towards Positive Action To Improve The Environment. Based On A Multidisciplinary Approach That Brings About An Appreciation Of The Natural World And Human Impact On Its Integrity, This Textbook Seeks Practical Answers To Make Human Civilization Sustainable On The Earth S Finite Resources. Attractively Priced At Rupees One Hundred And Fifteen Only, This Textbook Covers The Syllabus As Structured By The Ugc, Divided Into 8 Units And 50 Lectures. The First 7 Units, Which Cover 45 Lectures Are Classroom Teaching-Based, And Enhance Knowledge Skills And Attitude To Environment. Unit 8 Is Based On Field Activities To Be Covered In 5 Lecture Hours And Would Provide Students With First Hand Knowledge On Various Local Environmental Issues.**

Visible Identities

Race, Gender, and the Self

Oxford University Press In the heated debates over identity politics, few theorists have looked carefully at the conceptualizations of identity assumed by all sides. *Visible Identities* fills this gap. Drawing on both philosophical sources as well as theories and empirical studies in the social sciences, Martyn Alcoff makes a strong case that identities are not like special interests, nor are they doomed to oppositional politics, nor do they inevitably lead to conformism, essentialism, or reductive approaches to judging others. Identities are historical formations and their political implications are open to interpretation. But identities such as race and gender also have a powerful visual and material aspect that eliminativists and social constructionists often underestimate. *Visible Identities* offers a careful analysis of the political and philosophical worries about identity and argues that these worries are neither supported by the empirical data nor grounded in realistic understandings of what identities are. Martyn Alcoff develops a more realistic characterization of identity in general through combining phenomenological approaches to embodiment with hermeneutic concepts of the interpretive horizon. Besides addressing the general contours of social identity, Martyn Alcoff develops an account of the material infrastructure of gendered identity, compares and contrasts gender identities with racialized ones, and explores the experiential aspects of racial subjectivity for both whites and non-whites. In several chapters she looks specifically at Latino identity as well, including its relationship to concepts of race, the specific forms of anti-Latino racism, and the politics of mestizo or hybrid identity.

Bernstein Meets Broadway

Collaborative Art in a Time of War

Broadway Legacies A super-star of 20th-century music, Leonard Bernstein is famous for his multi-faceted artistic brilliance. Best-known on Broadway for "West Side Story," a tale of immigrant struggles and urban gang warfare, Bernstein thrived within the theater's collaborative artistic environments, and he forged a life-long commitment to advancing social justice. In 'Bernstein meets Broadway: collaborative art in a time of war', award-winning author Carol J. Oja explores a youthful Bernstein—a twenty-something composer who was emerging in New York City during World

War II. Devising an innovative framework, Oja constructs a wide-ranging cultural history that illuminates how Bernstein and his friends violated artistic and political boundaries to produce imaginative artistic results. At the core of her story are the Broadway musical *On the Town*, the ballet *Fancy Free*, and a nightclub act called *The Revuers*. A brilliant group of collaborators joins Bernstein at center-stage, including the choreographer Jerome Robbins and the writing team of Betty Comden and Adolph Green. With the zeal of youth, they infused their art with progressive political ideals. *On the Town* focused on sailors enjoying a day of shore leave, and it featured a mixed-race cast, contributing an important chapter to the desegregation of American performance. It projected an equitable inter-racial vision in an era when racial segregation was being enforced contentiously in the U.S. military.

Silver Nanoparticles in the Environment

Springer This comprehensive book covers the environmental issues concerning silver nanoparticles (AgNPs). Following an introduction to the history, properties and applications, the environmental concerns of AgNPs is discussed. In the second chapter, the separation, characterization and quantification of AgNPs in environment samples are described in detail. In the remaining parts of the book, the authors focus on the environmental processes and effects of AgNPs, with chapters on the pathway into environment, fate and transport, toxicological effects and mechanisms, as well as the environmental bioeffects and safety-assessment of AgNPs in the environment. This book is designed to describe current understanding of the environmental aspects of AgNPs. It provides a valuable resource to students and researchers in environmental science and technology, nanotechnology, toxicology, materials science and ecology; as well as to professionals involved in the production and consumption of AgNPs in various areas including catalysis, food products, textiles/fabrics, and medical products and devices. Jingfu Liu and Guibin Jiang are professors at State Key Laboratory of Environmental Chemistry and Ecotoxicology, Research Center for Eco-Environmental Sciences, Chinese Academy of Sciences.

Report of the Presidential Commission on the Space

Shuttle Challenger Accident

DIANE Publishing **Reviews the circumstances surrounding the Challenger accident to establish the probable cause or causes of the accident. Develops recommendations for corrective or other action based upon the Commission's findings and determinations. Color photos, charts and tables.**

Environment & Ecology

Indian National Bibliography

Arms and Influence

Yale University Press **"This is a brilliant and hardheaded book. It will frighten those who prefer not to dwell on the unthinkable and infuriate those who have taken refuge in stereotypes and moral attitudinizing."—Gordon A. Craig, New York Times Book Review Originally published more than fifty years ago, this landmark book explores the ways in which military capabilities—real or imagined—are used, skillfully or clumsily, as bargaining power. Anne-Marie Slaughter's new introduction to the work shows how Schelling's framework—conceived of in a time of superpowers and mutually assured destruction—still applies to our multipolar world, where wars are fought as much online as on the ground.**

Global Pentecostal and Charismatic Healing

Oxford University Press **Pentecostal and Charismatic Christianity is a global phenomenon that comprises a quarter of the world's two billion Christians and is growing rapidly. This volume reveals that the primary appeal of pentecostalism worldwide is as a religion of healing. Contrary to popular stereotypes of flamboyant, fraudulent, anti-medical "faith healing" televangelists who preach a materialistic, "health and wealth" gospel, handle serpents, or sensationally "exorcize" demons, this book offers a more nuanced portrait. The collected essays illumine local variations, hybridities,**

and tensions in practices on six continents, and depict the extent of human suffering and powerlessness experienced by people everywhere and the attractiveness to many of a global religious movement that promises material relief by invoking spiritual resources. This is the first book of its kind. Achieving the twin goals of thick description and comparative analysis of global practices is best achieved by bringing area experts into conversation. This volume's distinguished, international team of contributors includes sociologists, anthropologists, historians, political scientists, theologians, and religious studies scholars from North America, Europe, and Africa. Read together, these essays set the agenda for a new program of scholarly inquiry into some of the largest forces of change at work in the world today—globalization, pentecostalism, and healing—each of which is extremely powerful in itself and which together are reshaping our world in vastly significant ways.

Oxford Studies in Agency and Responsibility

Oxford University Press **Oxford Studies in Agency and Responsibility** is a series of volumes presenting outstanding new work on a set of connected themes, investigating such questions as: · What does it mean to be an agent? · What is the nature of moral responsibility? Of criminal responsibility? What is the relation between moral and criminal responsibility (if any)? · What is the relation between responsibility and the metaphysical issues of determinism and free will? · What do various psychological disorders tell us about agency and responsibility? · How do moral agents develop? How does this developmental story bear on questions about the nature of moral judgment and responsibility? · What do the results from neuroscience imply (if anything) for our questions about agency and responsibility? OSAR thus straddles the areas of moral philosophy and philosophy of action, but also draws from a diverse range of cross-disciplinary sources, including moral psychology, psychology proper (including experimental and developmental), philosophy of psychology, philosophy of law, legal theory, metaphysics, neuroscience, neuroethics, political philosophy, and more. It is unified by its focus on who we are as deliberators and (inter)actors, embodied practical agents negotiating (sometimes unsuccessfully) a world of moral and legal norms.

The Indian National Bibliography

Sustainability Prospects for Autonomous Vehicles

Environmental, Social, and Urban

Routledge **The Autonomous Vehicle (AV) has been strongly heralded as the most exciting innovation in automobility for decades. Autonomous Vehicles are no longer an innovation of the future (seen only in science fiction) but are now being road-tested for use. And yet while the technical and economic success and possibilities of the AV have been widely debated, there has been a notable lack of discussion around the social, behavioural, and environmental implications. This book is the first to address these issues and to deeply consider the environmental and social sustainability outlook for the AV and how it will impact on communities. Environmental and social sustainability are goals unlike those of technical development (a new tool) and economic development (a new investment). The goal of sustainability is development of societies that live well and equitably within their ecological limits. Is it reasonable and desirable that only technical and economic success comprise the swelling AV parade, or should we be looking at the wider impacts on personal well-being, wider society, and the environment? The uptake for AVs looks to be lengthy, disjointed, and episodic, in large measure because it faces a range of known unknown risks. This book assesses the environmental and social sustainability potential for AVs based on their prospective energy use and their impacts on climate change, urban landscapes, public health, mobility inequalities, and individual and social well-being. It examines public attitudes about AV use and its risk of fostering a rebound effect that compromises potential sustainability gains. The book concludes with a discussion of critical issues involved in sustainable AV diffusion.**