

# Reproductive Health And The Environment Environmental Science And Technology Library

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*Gender Differences in Susceptibility to Environmental Factors* Institute of Medicine  
1998-04-24 Women's health and men's health differ in a variety of ways—women live longer on average, for example, but tend to be sicker as well. Whereas some of these distinctions are based solely on gender, there is growing awareness that the environment and related factors may play a role in creating health status differences between men and women. Various factors, such as genetics and hormones, may account for gender differences in susceptibility to environmental factors. In 1996 the Office for Research on Women's Health at the National Institutes of Health asked the Institute of Medicine to conduct a workshop study to review some of the current federal research programs devoted to women's health and to clarify the state of knowledge regarding gender-related differences in susceptibility. This book contains a general outline of research needs, a summary of the workshop proceedings (as well as summaries of the speakers' presentations), and an analysis of the participating federal agencies' research portfolios.

Veterans and Agent Orange National Academies of Sciences, Engineering, and Medicine  
2019-01-20 From 1962 to 1971, the U.S. military sprayed herbicides over Vietnam to strip the thick jungle canopy that could conceal opposition forces, to destroy crops that those

forces might depend on, and to clear tall grasses and bushes from the perimeters of US base camps and outlying fire-support bases. Mixtures of 2,4-dichlorophenoxyacetic acid (2,4-D), 2,4,5-trichlorophenoxyacetic acid (2,4,5-T), picloram, and cacodylic acid made up the bulk of the herbicides sprayed. The main chemical mixture sprayed was Agent Orange, a 50:50 mixture of 2,4-D and 2,4,5-T. At the time of the spraying, 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD), the most toxic form of dioxin, was an unintended contaminant generated during the production of 2,4,5-T and so was present in Agent Orange and some other formulations sprayed in Vietnam. Because of complaints from returning Vietnam veterans about their own health and that of their children combined with emerging toxicologic evidence of adverse effects of phenoxy herbicides and TCDD, the National Academies of Sciences, Engineering, and Medicine was asked to perform a comprehensive evaluation of scientific and medical information regarding the health effects of exposure to Agent Orange, other herbicides used in Vietnam, and the various components of those herbicides, including TCDD. Updated evaluations were conducted every two years to review newly available literature and draw conclusions from the overall evidence. *Veterans and Agent Orange: Update 11* (2018) examines peer-reviewed scientific reports concerning associations between various health outcomes

and exposure to TCDD and other chemicals in the herbicides used in Vietnam that were published between September 30, 2014, and December 31, 2017, and integrates this information with the previously established evidence database.

#### *Yen and Jaffe's Reproductive Endocrinology*

Jerome F. Strauss 2013-09-13 Yen Jaffe's Reproductive Endocrinology helps you successfully diagnose and manage the spectrum of female and male reproductive system diseases, from impaired fertility, infertility, and recurrent pregnancy loss through problems of sexual development, puberty, menstrual disturbances, fibroids, endometriosis, and reproductive aging. This trusted endocrinology reference book is ideal for fellows, endocrinologists, or as a quick reference when making daily diagnostic and therapeutic decisions. It is just the resource you need to offer your patients the best possible reproductive care. "This new edition helps the reader to stay on top of recent developments. It is a must for subspecialists in reproductive medicine and a valuable source of information in the library of any department and clinical unit involved in reproductive medicine." Reviewed by Acta Obstetrica et Gynecologica Scandinavica February 2015 "It is a must for subspecialists in reproductive medicine and a valuable source of information in the library of any department and clinical unit involved in reproductive medicine." Reviewed by Acta Obstetrica et Gynecologica Scandinavica , March 2015 Get unmatched guidance you can trust, such as fresh insights into today's field and future advances, through the knowledge gleaned from worldwide fertility experts in reproductive medicine. Further your study of Reproductive Endocrinology with a list of suggested readings at the end of each chapter. Conveniently access the fully searchable text and view all of the images online at Expert Consult. Apply the latest reproductive endocrinology advances in basic and clinical science, including molecular, cellular, and genetic concepts, and grasp their relevance to pathophysiology, diagnosis, and therapy. Maximize fertility in women and men undergoing chemotherapy and other cancer treatments, and counsel patients on environmental factors affecting reproduction.

Stay on top of recent developments including the impact of obesity on fertility; ovarian tissue banking; cryopreservation; pre-implantation genetic diagnosis; ovulation induction; and risks and treatments for steroid hormone-responsive cancers. View basic anatomic structures, endocrine processes, and cell function and dysfunction with absolute clarity through full-color illustrations and new images throughout. Confidently perform procedures through expanded coverage of reproductive and infertility surgery and online videos demonstrating key techniques.

#### **The Crowded Greenhouse** John Firor

2008-10-01 This book focuses on two critical global issues—rapid population growth and a human-induced climate change. John Firor and Judith Jacobsen summarize the current status of these two issues, show how they are related to one another, and prescribe steps that governments, economies, societies, and individuals can adopt to stabilize both population and climate. Firor and Jacobsen argue that two revolutions are necessary to achieve a stable population and freedom from human-induced climate change: a social revolution that improves equity, particularly the status of women, and a technical revolution that yields vastly greater efficiency in energy and materials use than we have today. They offer a vision that incorporates these changes, and they urge professionals and activists to work to achieve them, even in the face of great odds.

#### Endocrine Disrupters Polyxeni Nicolopoulou-Stamati

2001-06-30 During recent decades, millions of tonnes of man-made chemicals have been produced and released into the environment, with very little safety testing. Many of these chemical substances have been found to interfere with the endocrine system and modulate its function. This book not only overviews the effects of endocrine/disrupting substances on human health, but also addresses the regulatory problems from the point of view of international organisations, including the WHO, the EU, and the European Chlorine Industry. This volume contains the proceedings of a workshop held at the International Hippocrates Foundation on Kos Island, Greece, in September 1999. The workshop was part of the activities of the ASPIS project, which aims at

raising awareness of environmental health impacts among multidisciplinary groups. The contributions to this volume are the result of the interaction of participants at the workshop. As such, it addresses the issue of endocrine disruptors from many different points of view and allows the subject to be approached by a multidisciplinary readership, including: decision makers, medical doctors, environmental experts, post/and undergraduate students, lawyers, engineers, and journalists.

**Integrative Women's Health** Tieraona Low Dog 2015-10-29 Integrative Women's Health remains the only in-depth, broad-based reference on integrative women's health written for health professionals. It helps providers address not only women's reproductive health, but also conditions that manifest differently in women than in men, including cardiovascular disease, arthritis, HIV, depression, and cancer. The text presents the best evidence, in a clinically relevant manner, for the safe and effective use of herbs, vitamins, diet, and mind-body strategies alongside conventional medical treatments. As leading educators in integrative medicine, editors Dr. Maizes and Dr. Low Dog demonstrate how clinicians can implement their recommendations in practice, going beyond practical care to examine how to motivate patients, enhance a health history, and understand the spiritual dimensions of healing. In managing the patient, alternative therapies are never seen as substitutes for mainstream medical care, but always "integrated" into the overall regimen, and always subjected to the best available evidence. New to this second edition are chapters on environmental medicine and women's reproduction, thyroid health, and lesbian health.

**Principles of Environmental Science** William P. Cunningham 2008-09 A discussion of how science can help us find solutions for important environmental issues. Each chapter starts with an opening vignette of an environmental problem showing the principles to be presented in the text.

**Endocrine Disrupting Chemicals** R M Harrison 2007-10-31 Long-term environmental effects of chemical exposure have long been of concern and, more recently, chemicals which cause changes to the sexual development of

exposed organisms have been identified. It is thought that low-level exposure to a wide range of chemicals may be affecting endocrine function, leading to a reduction in fertility and an increase in reproductive cancers. Endocrine Disrupting Chemicals reviews the scientific evidence and attempts to put the subject into context. Along with an overview of the issue, there is discussion of the specialised aspects in relation to wildlife; environmental oestrogens and male reproduction; and naturally occurring oestrogenic substances. With contributions from representatives of the Medical Research Council's Institute for Environment and Health and the US Environmental Protection Agency, the articles provide a comprehensive and detailed review of current issues. This book will be of interest to a wide readership, including industrial and environmental scientists, managers and policy makers.

**Human Reproductive Ecology** Kenneth L. Campbell 1994 The recent and historically unique low level of fertility in industrialised nations poses a number of important medical questions, arising because reproductive physiology did not evolve to function optimally in this modern environment. In some non-industrialised regions, such as sub-Saharan Africa, persistent high fertility and rapid population growth are associated with environmental deterioration. How do fecundity and fertility respond to such degradations? Do improvements of industrial environments or nutrition and health measurably alter fertility or fecundity? These are some of the issues explored in this volume, which contains contributions from anthropologists, demographers, reproductive biologists and epidemiologists.

**Infertile Futures** Janelle Lamoreaux 2013 Based primarily on fieldwork conducted over one year in Beijing and Nanjing, two centers of scientific research and environmental activism in the People's Republic of China, my study explores the ways both scientists and social scientists envision and establish the relationship between exterior environmental problems and interior reproductive health concerns. I argue that during investigations into the quality and quantity of sperm in contemporary China, scientists both examine and produce toxic 'environments' of exposure. Toxicologists find

that their research subjects embody China's history of industrialism and rapid social change, which become investigable through genetic and epigenetic studies of sperm. Through interviews with faculty and graduate students at multiple universities, participant observation at reproductive toxicology laboratories, and interviews at environmental activist organizations, I explore the way experts and activists bring Chinese environments into being, and the way these environments are found to correlate with changes to reproductive health in China. Reflections from fieldwork have been brought to questions of interest within anthropology more generally, including the definitions and relationships between nature and culture, the universal and particular, the individual and the collective, as well as the body and what stands outside it. Each chapter is concerned with how anthropologists today make sense of interiors and exteriors, content and context. I bring these concerns first and foremost to scientific practice, using the methodology of those I study as a guide for what an anthropology of sperm (and perhaps the body and illness) might look like. In particular, I argue that epigenetic studies of male infertility and birth defects use sperm-environment interaction as a means to understand the biological impact of social processes on the body. The infertility of a toxic Chinese environment, whether brought into being in the laboratory or conceptualized as a devastated national landscape, is understood as correlated with the infertility of male Chinese bodies. Scientists are, then, embracing an understanding of biosocial problems that transcend both biological causation and individual responsibility to enable a form of social critique that takes seriously the epistemological and ontological stakes of thinking environmentally across bodies, generations and domains. Second, I bring these concerns of interiors/exteriors, content and context to questions of scientific translation, asking: how do scientific findings move between transnational, expert and disciplinary domains, even as these contexts (or environments) are brought into being through scientific practice? I argue that scientific practice in China today is effective at translating between domains because of, not in spite of, the toxicity and

ambiguity of the environment. Toxicity allows science to proceed, even as reproductive toxicologists work to expose the damage that accompanies toxic exposure. Understood as multiplicity, the ambiguity of the environment benefits scientists, who meet multiple ethical and material research demands. The environment's ambiguity also facilitates an indirect environmental activism, which strives to evoke public attention toward environmental destruction through correlation, not causation. Here, the political stakes of correlative findings prove as if not more powerful than causative evidentiary claims.

**Environmental Health** Takemi Otsuki 2021-12-15 *Environmental Health* discusses environmental effects on human health. It examines heavy metal pollution, biological effects of arsenic (on reproductive health, especially), effects of soil organic carbon, chemical pollution of drinking water, climate change and vector-borne diseases, marine fuels, particulate matter, and the United Nations Sustainable Development Goals (SDGs). *Tragic Failures* Carl F. Cranor 2017 A world awash in little understood chemicals tragically harms adults and children alike. Laws keep health agencies in the dark about toxicants; slow, well motivated research hampers protections; and strenuous vested opposition exacerbates the harm. How science is used in the tort law can facilitate or frustrate redress of harm. This book recommends better approaches. -- Provided by publisher.

**Yen & Jaffe's Reproductive Endocrinology E-Book** Jerome F. Strauss 2013-08-28 Yen & Jaffe's *Reproductive Endocrinology* helps you successfully diagnose and manage the spectrum of female and male reproductive system diseases, from impaired fertility, infertility, and recurrent pregnancy loss through problems of sexual development, puberty, menstrual disturbances, fibroids, endometriosis, and reproductive aging. This trusted endocrinology reference book is ideal for studying or as a quick reference when making daily diagnostic and therapeutic decisions, ensuring it's just the resource you need to offer your patients the best possible care. Apply the latest reproductive endocrinology advances in basic and clinical science, including molecular, cellular, and

genetic concepts, and grasp their relevance to pathophysiology, diagnosis, and therapy. Maximize fertility in women and men undergoing chemotherapy and other cancer treatments, and counsel patients on environmental factors affecting reproduction. Stay on top of recent developments including the impact of obesity on fertility; ovarian tissue banking; cryopreservation; pre-implantation genetic diagnosis; ovulation induction; and risks and treatments for steroid hormone-responsive cancers. View basic anatomic structures, endocrine processes, and cell function and dysfunction with absolute clarity through full-color illustrations and new images throughout. Confidently perform procedures through expanded coverage of reproductive and infertility surgery. Apply the latest reproductive endocrinology advances in basic and clinical science, including molecular, cellular, and genetic concepts, and grasp their relevance to pathophysiology, diagnosis, and therapy.

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[Proceedings of the Third Asia and Pacific Conference on the Social Sciences and Medicine, Perth, 1996](#) 1997

*Environmental Change and Security Project Report* 1999

[List of Journals Indexed in Index Medicus](#)

National Library of Medicine (U.S.) 2004 Issues for 1977-1979 include also Special List journals being indexed in cooperation with other institutions. Citations from these journals appear in other MEDLARS bibliographies and in MEDLINE, but not in Index Medicus.

**Health Ecology** Thomas Boleyn 2005-07-28

This ground-breaking study offers new challenges to those teaching, studying or developing strategies and policies in health and

the environment. Bringing together a variety of approaches from different perspectives and different locations, the contributors examine the various dimensions of health ecology in a human ecology framework, examining how local, regional and global factors impinge upon the health and environment of individuals, communities and the globe.

*Life on the Brink* Philip Cafaro 2012-12-01 *Life on the Brink* aspires to reignite a robust discussion of population issues among environmentalists, environmental studies scholars, policymakers, and the general public. Some of the leading voices in the American environmental movement restate the case that population growth is a major force behind many of our most serious ecological problems, including global climate change, habitat loss and species extinctions, air and water pollution, and food and water scarcity. As we surpass seven billion world inhabitants, contributors argue that ending population growth worldwide and in the United States is a moral imperative that deserves renewed commitment. Hailing from a range of disciplines and offering varied perspectives, these essays hold in common a commitment to sharing resources with other species and a willingness to consider what will be necessary to do so. In defense of nature and of a vibrant human future, contributors confront hard issues regarding contraception, abortion, immigration, and limits to growth that many environmentalists have become too timid or politically correct to address in recent years. Ending population growth will not happen easily. Creating genuinely sustainable societies requires major change to economic systems and ethical values coupled with clear thinking and hard work. *Life on the Brink* is an invitation to join the discussion about the great work of building a better future. Contributors: Albert Bartlett, Joseph Bish, Lester Brown, Tom Butler, Philip Cafaro, Martha Campbell, William R. Catton Jr., Eileen Crist, Anne Ehrlich, Paul Ehrlich, Robert Engelman, Dave Foreman, Amy Gulick, Ronnie Hawkins, Leon Kolankiewicz, Richard Lamm, Jeffrey McKee, Stephanie Mills, Roderick Nash, Tim Palmer, Charmayne Palomba, William Ryerson, Winthrop Staples III, Captain Paul Watson, Don Weeden, George Wuerthner.

*Issues in Environment, Health, and Pollution: 2011 Edition* 2012-01-09 *Issues in Environment, Health, and Pollution: 2011 Edition* is a ScholarlyEditions™ eBook that delivers timely, authoritative, and comprehensive information about Environment, Health, and Pollution. The editors have built *Issues in Environment, Health, and Pollution: 2011 Edition* on the vast information databases of ScholarlyNews.™ You can expect the information about Environment, Health, and Pollution in this eBook to be deeper than what you can access anywhere else, as well as consistently reliable, authoritative, informed, and relevant. The content of *Issues in Environment, Health, and Pollution: 2011 Edition* has been produced by the world's leading scientists, engineers, analysts, research institutions, and companies. All of the content is from peer-reviewed sources, and all of it is written, assembled, and edited by the editors at ScholarlyEditions™ and available exclusively from us. You now have a source you can cite with authority, confidence, and credibility. More information is available at <http://www.ScholarlyEditions.com/>.

**The Multimedia Encyclopedia of Women in Today's World** Mary Zeiss Stange 2013-01-09 This e-only volume expands and updates the original 4-volume *Encyclopedia of Women in Today's World* (2011), offering a wide range of new entries and new multimedia content. The entries reflect such developments as the Arab Spring that brought women's issues in the Islamic world into sharp relief, the domination of female athletes among medal winners at the London 2012 Olympics, nine more women joining the ranks of democratically elected heads of state, and much more. The 475 articles in this e-only update (accompanied by photos and video clips) supplement the themes established in the original edition, providing a vibrant collection of entries dealing with contemporary women's issues around the world.

**Environmental Science and Technology** Frank R. Spellman 2017-09-15 The third edition of *Environmental Science and Technology: Concepts and Applications* is the first update since 2006. Designed for the student and the professional, this newly updated reference uses scientific laws, principles, models, and concepts to provide a basic foundation for understanding

and evaluating the impact that chemicals and technology have on the environment. Building upon the success of previous edition, the third edition has been expanded and completely updated. A significant change can be found in the expansion and treatment of all subject areas. Extensive energy parameters have been added to the text along with a thorough discussion of non-renewable and renewable energy supplies and their potential impact on the environment. In addition, thought-provoking questions have been added at the end of each chapter. Finally, pictorial presentation has been enhanced by the addition of numerous photographs. Organization and Content: *Environmental Science and Technology: Concepts and Applications* is divided into five parts and twenty-five chapters, and organized to provide an even and logical flow of concepts. It provides the student with a clear and thoughtful picture of this complex field. Part I provides the foundation for the underlying theme of this book—the connections between environmental science and technology. Part II develops the air quality principles basic to an understanding of air quality. Part III focuses on water quality, and the characteristics of water and water bodies, water sciences, water pollution, and water/wastewater treatment. Part IV deals with soil science and emphasizes soil as a natural resource, highlighting the many interactions between soil and other components of the ecosystem. Part V is devoted to showing how decisions regarding handling solid and hazardous waste have or can have profound impact on the environment and the three media discussed in this text: air, water, and soil. Finally, the epilogue looks at the state of the environment, past, present, and future. The emphasis in this brief unit is on mitigating present and future environmental concerns by incorporating technology into the remediation process—not by blaming technology for the problem.

[Reproductive Health and the Environment](#) P. Nicolopoulou-Stamati 2007-06-04 This book reviews recent trends and developments in the study of the impact that the environment has on human reproduction. It thoroughly examines these issues, using the most modern techniques and methods available, to analyze the manner in which both male and female fertility can be

affected and assessed. Coverage examines such diverse factors as toxic environmental contaminants, air pollution, and exposure to medical drugs.

*Special Reports* Robert Snyder 1993

Encyclopedia of Environmental Health

2019-08-22 Encyclopedia of Environmental Health, Second Edition presents the newest release in this fundamental reference that updates and broadens the umbrella of environmental health—especially social and environmental health—for its readers. There is ongoing revolution in governance, policies and intervention strategies aimed at evolving changes in health disparities, disease burden, trans-boundary transport and health hazards. This new edition reflects these realities, mapping new directions in the field that include how to minimize threats and develop new scientific paradigms that address emerging local, national and global environmental concerns. Represents a one-stop resource for scientifically reliable information on environmental health Fills a critical gap, with information on one of the most rapidly growing scientific fields of our time Provides comparative approaches to environmental health practice and research in different countries and regions of the world Covers issues behind specific questions and describes the best available scientific methods for environmental risk assessment

*Human Health and the Environment* Third Task Force for Research Planning in Environmental Health Science 1984

**Impact of the Environment on Reproductive Health** 1993

**Global Population and Reproductive Health**

Deborah R. McFarlane 2014-07-18 The world population surpassed the seven billion mark in 2011, yet many women and couples still lack access to reproductive health services. These facts have profound implications for maternal and child health, environmental quality, and food security. Global Population and Reproductive Health provides an introduction to an important and timely public health topic. The text is unique in that it explores the inextricable link between population and reproductive health a connection that is often overlooked as well as their impact on global and local environmental issues.

Students will come away with a clear understanding of the relationships among all these issues, and the vital need for integrated policies and international cooperation. Contents Include: 1.Overview 2.Measures and Theories 3.Health 4.Related Issues 5.Policies"

**Beyond the Numbers** Laurie Ann Mazur

2013-04-16 Beyond the Numbers presents a thought-provoking series of essays by leading authorities on issues of population and consumption. The essays both define the poles of debate and explore common ground beyond the polarized rhetoric. Specific chapters consider each of the broad topics addressed at the International Conference on Population and Development held in September 1994 in Cairo, Egypt. The essays are supplemented by sidebars and short articles featuring more-impassioned voices that highlight issues of interest not fully explored in the overviews. As well as providing a sense of the difficulties involved in dealing with these issues, the essays make clear that constructive action is possible. Topics covered include: the interrelationships between population, economic growth, consumption, and development the history of population and family planning efforts gender equality and the empowerment of women reproductive rights, reproductive health, family planning, health and mortality

A Pivotal Moment Laurie Ann Mazur 2010 With contributions by leading demographers, environmentalists, and reproductive health advocates, A Pivotal Moment offers a new perspective on the complex connection between population dynamics and environmental quality. It presents the latest research on the relationship between population growth and climate change, ecosystem health, and other environmental issues. It surveys the new demographic landscape—in which population growth rates have fallen, but human numbers continue to increase. It looks back at the lessons of the last half century while looking forward to population policies that are sustainable and just. A Pivotal Moment embraces the concept of “population justice,” which holds that inequality is a root cause of both rapid population growth and environmental degradation. By addressing inequality—both gender and economic—we can reduce growth rates and build a sustainable

future.

**Information Resources in Toxicology** P.J.

Bert Hakkinen 2009-08-19 This latest version of Information Resources in Toxicology (IRT) continues a tradition established in 1982 with the publication of the first edition in presenting an extensive itemization, review, and commentary on the information infrastructure of the field. This book is a unique wide-ranging, international, annotated bibliography and compendium of major resources in toxicology and allied fields such as environmental and occupational health, chemical safety, and risk assessment. Thoroughly updated, the current edition analyzes technological changes and is rife with online tools and links to Web sites. IRT-IV is highly structured, providing easy access to its information. Among the "hot topics covered are Disaster Preparedness and Management, Nanotechnology, Omics, the Precautionary Principle, Risk Assessment, and Biological, Chemical and Radioactive Terrorism and Warfare are among the designated. •

International in scope, with contributions from over 30 countries • Numerous key references and relevant Web links • Concise narratives about toxicologic sub-disciplines • Valuable appendices such as the IUPAC Glossary of Terms in Toxicology • Authored by experts in their respective sub-disciplines within toxicology

**Environmental Sociology** Leslie King 2009

Environmental Sociology, intended for use in Environmental Sociology courses, uses sociological methods and perspectives to analyze key environmental issues. The reader is organized like an introduction to sociology reader, and comprised of readings that are accessible to and interesting for undergraduates.

*Community & Public Health Nursing: Promoting the Public's Health* Judith Allender 2013-04-26

Community & Public Health Nursing is designed to provide students a basic grounding in public health nursing principles while emphasizing aggregate-level nursing. While weaving in meaningful examples from practice throughout the text, the authors coach students on how to navigate between conceptualizing about a population-focus while also continuing to advocate and care for individuals, families, and aggregates. This student-friendly, highly

illustrated text engages students, and by doing so, eases students into readily applying public health principles along with evidence-based practice, nursing science, and skills that promote health, prevent disease, as well as protect at-risk populations! What the 8th edition of this text does best is assist students in broadening the base of their knowledge and skills that they can employ in both the community and acute care settings, while the newly enhanced ancillary resources offers interactive tools that allow students of all learning styles to master public health nursing.

**Environmental Science** Daniel D. Chiras 2006

Completely updated, the seventh edition of 'Environmental Science' enlightens students on the fundamental causes of the current environmental crisis and offers ideas on how we, as a global community, can create a sustainable future.

Interlacing Water and Human Health Anjal

Prakash 2012-02-09 An increasing recognition of the need to understand the complex systems in the health sector has raised the demand for an examination of water and health from a systemic perspective. Analyzing the various discourses on the subject, the volume revolves around this central question: What are the linkages between water and health in South Asia? The interlacing of water and health exists wherever human health is adversely affected, directly or indirectly, by changes in the quality and quantity of water. These adverse effects are linked with poverty, environment, and infrastructure in the overall socio-political and economic-developmental context. The book looks at the linkage between water and health in an integrated manner, and is not based on the 'absence of disease' syndrome. The curative, preventive, and adaptive aspects of the public-health problem have also been delved into. Among other areas, the articles deal with water and health with reference to water supply, sanitation, water pollution, natural disasters, urbanization, and industrialization. Armed with the latest research and case studies from South Asia, the book calls for a comprehensive understanding and better integration of water and health issues in the region. Interlacing Water and Human Health is the third volume in the Water in South Asia Series published by

SAGE and South Asia Consortium for Interdisciplinary Water Resources Studies (SaciWATERS).

Count Down Shanna H. Swan 2021-02-23 In the tradition of *Silent Spring* and *The Sixth Extinction*, an urgent, meticulously researched, and groundbreaking book about the ways in which chemicals in the modern environment are changing—and endangering—human sexuality and fertility on the grandest scale, from renowned epidemiologist Shanna Swan. In 2017, author Shanna Swan and her team of researchers completed a major study. They found that over the past four decades, sperm levels among men in Western countries have dropped by more than 50 percent. They came to this conclusion after examining 185 studies involving close to 45,000 healthy men. The result sent shockwaves around the globe—but the story didn't end there. It turns out our sexual development is changing in broader ways, for both men and women and even other species, and that the modern world is on pace to become an infertile one. How and why could this happen? What is hijacking our fertility and our health? *Count Down* unpacks these questions, revealing what Swan and other researchers have learned about how both lifestyle and chemical exposures are affecting our fertility, sexual development—potentially including the increase in gender fluidity—and general health as a species. Engagingly explaining the science and repercussions of these worldwide threats and providing simple and practical guidelines for effectively avoiding chemical goods (from water bottles to shaving cream) both as individuals and societies, *Count Down* is at once an urgent wake-up call, an illuminating read, and a vital tool for the protection of our future.

International Conference on Population and Development Nadine Taub 1994

*Male Reproductive Health* Wei Wu 2020-03-04

Male reproductive health is an important area affecting men's overall health and well-being. Infertility is a worldwide problem that affects approximately 15% of married couples. Half of these cases can be traced to male partners. Infertile men are at an elevated risk of cancer development later in life, primarily genitourinary malignancies such as testicular and prostate cancer. This book will focus on male

reproductive health, from the aspects of semen quality, male infertility, testicular cancer, and prostate cancer, and their detection, diagnosis, treatment, and prevention.

*International Workshop on the Impact of the Environment on Reproductive Health* Niels E. Skakkebaek 1993

**Correcting Gender Myopia** Danielle Nierenberg 2002

**Microbial Biodegradation and Bioremediation** Surajit Das 2021-11-24 *Microbial Biodegradation and Bioremediation: Techniques and Case Studies for Environmental Pollution, Second Edition* describes the successful application of microbes and their derivatives for bioremediation of potentially toxic and relatively novel compounds in the environment. Our natural biodiversity and environment is in danger due to the release of continuously emerging potential pollutants by anthropogenic activities. Though many attempts have been made to eradicate and remediate these noxious elements, thousands of xenobiotics of relatively new entities emerge every day, thus worsening the situation. Primitive microorganisms are highly adaptable to toxic environments, and can reduce the load of toxic elements by their successful transformation and remediation. This completely updated new edition presents many new technologies and techniques and includes theoretical context and case studies in every chapter. *Microbial Biodegradation and Bioremediation: Techniques and Case Studies for Environmental Pollution, Second Edition* serves as a single-source reference and encompasses all categories of pollutants and their applications in a convenient, comprehensive format for researchers in environmental science and engineering, pollution, environmental microbiology, and biotechnology. Describes many novel approaches of microbial bioremediation including genetic engineering, metagenomics, microbial fuel cell technology, biosurfactants and biofilm-based bioremediation Introduces relatively new hazardous elements and their bioremediation practices including oil spills, military waste water, greenhouse gases, polythene wastes, and more Provides the most advanced techniques in the field of

bioremediation, including insilico approach, microbes as pollution indicators, use of bioreactors, techniques of pollution monitoring, and more Completely updated and expanded to include topics and techniques such as

genetically engineered bacteria, environmental health, nanoremediation, heavy metals, contaminant transport, and in situ and ex situ methods Includes theoretical context and case studies within each chapter