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BIOLOGY **Prentice Hall Science Explorer: Chemical Building Blocks** *Bringing*
Bayesian Models to Life ???????????? **Prentice Hall Biology** *Make Room! Make*
Room! **The Living Environment This Can't Be Happening at Macdonald Hall!**
Biocultural Rights, Indigenous Peoples and Local Communities **Guide for the Care**
and Use of Laboratory Animals *How the Other Half Lives Embedded Librarians*
Jesus Christ I Live Inside *Communities in Action* Ask a Manager **WHO**
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Environment WHO Housing and Health Guidelines **Biology 2e** Restoration and
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This volume presents a comprehensive overview of biocultural rights, examining how we can promote the role of indigenous peoples and local communities as environmental stewards and how we can ensure that their ways of life are

protected. With Biocultural Community Protocols (BCPs) or Community Protocols (CPs) being increasingly seen as a powerful way of tackling this immense challenge, this book investigates these new instruments and considers the lessons that can be learnt about the situation of indigenous peoples and local communities. It opens with theoretical insights which provide the reader with foundational concepts such as biocultural diversity, biocultural rights and community rule-making. In Part Two, the book moves on to community protocols within the Access Benefit Sharing (ABS) context, while taking a glimpse into the nature and role of community protocols beyond issues of access to genetic resources and traditional knowledge. A thorough review of specific cases drawn from field-based research around the world is presented in this part. Comprehensive chapters also explore the negotiation process and raise stimulating questions about the role of international brokers and organizations and the way they can use BCPs/CPs as disciplinary tools for national and regional planning or to serve powerful institutional interests. Finally, the third part of the book considers whether BCPs/CPs, notably through their emphasis on "stewardship of nature" and "tradition", can be seen as problematic arrangements that constrain indigenous peoples within the Western imagination, without any hope of them reconstructing their identities according to their own visions, or whether they can be seen as political tools and representational strategies used by indigenous peoples in their struggle for greater rights to their land, territories and resources, and for more political space. This volume will be of great interest to students and scholars of environmental law, indigenous peoples, biodiversity conservation and environmental anthropology. It will also be of great use to professionals and policymakers involved in environmental management and the protection of indigenous rights. The Open Access version of this book, available at www.taylorfrancis.com, has been made available under a Creative Commons Attribution-Non Commercial-No Derivatives 4.0 license

Next Generation Science Standards identifies the science all K-12 students should know. These new standards are based on the National Research Council's A Framework for K-12 Science Education. The National Research Council, the National Science Teachers Association, the American Association for the Advancement of Science, and Achieve have partnered to create standards through a collaborative state-led process. The standards are rich in content and practice and arranged in a coherent manner across disciplines and grades to provide all students an internationally benchmarked science education. The print version of Next Generation Science Standards complements the nextgenscience.org website and: Provides an authoritative offline reference to the standards when creating lesson plans Arranged by grade level and by core discipline, making information quick and easy to find Printed in full color with a lay-flat spiral binding Allows for bookmarking, highlighting, and annotating From the creator of the popular website Ask a Manager and New York's work-advice columnist comes a witty, practical guide to 200 difficult professional conversations—featuring all-new advice! There's a reason Alison Green has been

called “the Dear Abby of the work world.” Ten years as a workplace-advice columnist have taught her that people avoid awkward conversations in the office because they simply don’t know what to say. Thankfully, Green does—and in this incredibly helpful book, she tackles the tough discussions you may need to have during your career. You’ll learn what to say when • coworkers push their work on you—then take credit for it • you accidentally trash-talk someone in an email then hit “reply all” • you’re being micromanaged—or not being managed at all • you catch a colleague in a lie • your boss seems unhappy with your work • your cubemate’s loud speakerphone is making you homicidal • you got drunk at the holiday party

Praise for *Ask a Manager* “A must-read for anyone who works . . . [Alison Green’s] advice boils down to the idea that you should be professional (even when others are not) and that communicating in a straightforward manner with candor and kindness will get you far, no matter where you work.”—Booklist (starred review)

“The author’s friendly, warm, no-nonsense writing is a pleasure to read, and her advice can be widely applied to relationships in all areas of readers’ lives. Ideal for anyone new to the job market or new to management, or anyone hoping to improve their work experience.”—Library Journal (starred review)

“I am a huge fan of Alison Green’s *Ask a Manager* column. This book is even better. It teaches us how to deal with many of the most vexing big and little problems in our workplaces—and to do so with grace, confidence, and a sense of humor.”—Robert Sutton, Stanford professor and author of *The No Asshole Rule* and *The Asshole Survival Guide*

“*Ask a Manager* is the ultimate playbook for navigating the traditional workforce in a diplomatic but firm way.”—Erin Lowry, author of *Broke Millennial: Stop Scraping By and Get Your Financial Life Together*

A practice Test Booklet that contains 4 full length NYS Regents Living Environment. This booklet has fully explained Answers and Reference Tables. Used to prepare high school students for the New York State Regents Living Environment.

A detective hunts down a killer in a dystopian, overpopulated NYC in this classic science fiction novel that inspired the film *Soylent Green*. Originally published in 1966, *Make Room! Make Room!* imagines a world at the end of the twentieth century where Earth is so overwhelmed by rampant population growth that it teeters on the edge of self-destruction. In New York City alone, thirty-five million people are squeezed into its packed boroughs, scrambling like rats for the world’s dwindling resources. The only food available is a product called soylent. And while the government tries to maintain order, the rich get richer and the poor stay underfoot. Finding a killer in this broken world is one hell of a job. But that’s exactly what Det. Andy Rusch has been assigned to do. If he can stay alive long enough, he might just solve the biggest case he’s ever been on—unless humanity finally fulfills its promise and destroys itself first.

Improved housing conditions can save lives, prevent disease, increase quality of life, reduce poverty, and help mitigate climate change. Housing is becoming increasingly important to health in light of urban growth, ageing populations and climate change. The WHO Housing and health guidelines bring together the most recent evidence to provide practical recommendations to reduce the health burden due to unsafe and

substandard housing. Based on newly commissioned systematic reviews, the guidelines provide recommendations relevant to inadequate living space (crowding), low and high indoor temperatures, injury hazards in the home, and accessibility of housing for people with functional impairments. In addition, the guidelines identify and summarize existing WHO guidelines and recommendations related to housing, with respect to water quality, air quality, neighbourhood noise, asbestos, lead, tobacco smoke and radon. The guidelines take a comprehensive, intersectoral perspective on the issue of housing and health and highlight co-benefits of interventions addressing several risk factors at the same time. The WHO Housing and health guidelines aim at informing housing policies and regulations at the national, regional and local level and are further relevant in the daily activities of implementing actors who are directly involved in the construction, maintenance and demolition of housing in ways that influence human health and safety. The guidelines therefore emphasize the importance of collaboration between the health and other sectors and joint efforts across all government levels to promote healthy housing. The guidelines' implementation at country-level will in particular contribute to the achievement of the Sustainable Development Goals on health (SDG 3) and sustainable cities (SDG 11). WHO will support Member States in adapting the guidelines to national contexts and priorities to ensure safe and healthy housing for all. UPCO'S Living Environment Review is a complete review of all the key ideas and major understandings as required by the New York State Living Environment Core Curriculum. Also included is any additional information necessary for total comprehension of core curriculum key ideas. This 276-page book is conveniently organized into 8 major units subdivided into 25 chapters. Although this book is directed toward the New York State Living Environment Curriculum it can be used successfully with any school's biology or life science curriculum. Important features are noted below: Each chapter ends with numerous multiple choice, constructed response and reading and interpreting information practice questions structured to resemble regents exam questions, allowing students many opportunities to test their understanding of required concepts. Diagrams and other visuals help the students understand concepts. A complete review of laboratory and technical skills, processes involved in scientific inquiry and methods of representing and analyzing scientific observations is present throughout the book. Words and terms directly related to the core curriculum are highlighted in bold type while other words or terms necessary for the complete comprehension of the core curriculum key ideas are italicized. A comprehensive index and glossary of all important vocabulary terms is located at the end of the book for supplementary review. Sample practice Regents Exams are included at the end of the book to give the student actual test-taking experiences. Human health depends on the health of the planet. Earth's natural systems—the air, the water, the biodiversity, the climate—are our life support systems. Yet climate change, biodiversity loss, scarcity of land and freshwater, pollution and other threats are degrading these systems. The emerging field of planetary health

aims to understand how these changes threaten our health and how to protect ourselves and the rest of the biosphere. *Planetary Health: Protecting Nature to Protect Ourselves* provides a readable introduction to this new paradigm. With an interdisciplinary approach, the book addresses a wide range of health impacts felt in the Anthropocene, including food and nutrition, infectious disease, non-communicable disease, dislocation and conflict, and mental health. It also presents strategies to combat environmental changes and its ill-effects, such as controlling toxic exposures, investing in clean energy, improving urban design, and more. Chapters are authored by widely recognized experts. The result is a comprehensive and optimistic overview of a growing field that is being adopted by researchers and universities around the world. Students of public health will gain a solid grounding in the new challenges their profession must confront, while those in the environmental sciences, agriculture, the design professions, and other fields will become familiar with the human consequences of planetary changes.

Understanding how our changing environment affects our health is increasingly critical to a variety of disciplines and professions. *Planetary Health* is the definitive guide to this vital field. This book presents WHO guidelines for the protection of public health from risks due to a number of chemicals commonly present in indoor air. The substances considered in this review, i.e. benzene, carbon monoxide, formaldehyde, naphthalene, nitrogen dioxide, polycyclic aromatic hydrocarbons (especially benzo[a]pyrene), radon, trichloroethylene and tetrachloroethylene, have indoor sources, are known in respect of their hazardousness to health and are often found indoors in concentrations of health concern. The guidelines are targeted at public health professionals involved in preventing health risks of environmental exposures, as well as specialists and authorities involved in the design and use of buildings, indoor materials and products. They provide a scientific basis for legally enforceable standards. Houses have always been one of the centerpieces of American life. Houses are the places where parents raise their children, where family reunions take place, and where people live, work, and play. Americans have always realized that healthy houses can lead to healthier lives. Many of the extraordinary improvements in health that were achieved in the 20th century resulted from improvements in the Nation's homes. Although poorly maintained homes increases the risk for injury and illness, unhealthy and unsafe housing continues to affect the health of millions of people of all income levels, geographic areas, and walks of life in the United States. The Call to Action describes the steps people can take now to protect themselves from disease, disability and injury that may result from health hazards in their houses. These steps have been scientifically proven to reduce health problems that cause or contribute to disease and injuries. And, improving literacy about healthy homes and teaching people about the steps they can take to change unhealthy and unsafe behaviors at home will lead to better health for all Americans. This Call to Action also outlines the next steps of a society-wide, comprehensive and coordinated approach to healthy homes that will result in the greatest possible public health

impact and reduce disparities in the availability of healthy, safe, affordable, accessible, and environmentally friendly homes. Biology 2e is designed to cover the scope and sequence requirements of a typical two-semester biology course for science majors. The text provides comprehensive coverage of foundational research and core biology concepts through an evolutionary lens. Biology includes rich features that engage students in scientific inquiry, highlight careers in the biological sciences, and offer everyday applications. The book also includes various types of practice and homework questions that help students understand and apply key concepts. Set of books for classroom use in a middle school science curriculum; all-in-one teaching resources volume includes lesson plans, teacher notes, lab information, worksheets, answer keys and tests. In the #1 New York Times–bestselling author’s first book, the troublemaking team of Bruno and Boots wages war—and school will never be the same. The basis for the movie now streaming on TubiTV Bruno and Boots are always in trouble. So the Headmaster, aka “The Fish” decides it would be best to separate them. Bruno must now room with ghoulish Elmer Dimsdale, plus his plants, goldfish, and ants. And Boots is stuck with nerdy, preppy, paranoid George Wexford-Smyth III. Of course, this means war. Because Bruno and Boots are determined to get their old room back, no matter what it takes. Praise for the Bruno & Boots series “Korman has a unique talent for creating genuinely funny, roll-on-the-floor, laugh-out-loud books. All of his many books are bestsellers, a testament to his popularity with kids.” —Quill & Quire “A hilarious series.” —Booklist “Korman’s vibrant dialogue and breakneck action are the highlights of this merry romp . . . Laughs are as plentiful as [Bruno and Boots’s] misadventures.” —Publishers Weekly Showcases strategies for successfully embedding librarians and library services across higher education. Chapters feature case studies and reports on projects from a wide variety of colleges and universities. --from publisher description. "Nurses play a vital role in improving the safety and quality of patient care -- not only in the hospital or ambulatory treatment facility, but also of community-based care and the care performed by family members. Nurses need know what proven techniques and interventions they can use to enhance patient outcomes. To address this need, the Agency for Healthcare Research and Quality (AHRQ), with additional funding from the Robert Wood Johnson Foundation, has prepared this comprehensive, 1,400-page, handbook for nurses on patient safety and quality -- Patient Safety and Quality: An Evidence-Based Handbook for Nurses. (AHRQ Publication No. 08-0043)." - online AHRQ blurb, <http://www.ahrq.gov/qual/nursesfdbk/> 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.

Babes in Toyland burst onto the Minneapolis music scene in the late 1980s and quickly established itself at the forefront of punk/alternative rock. The all-female trio featured a shy, seventeen-year-old Jewish teen from the suburbs on bass guitar—an instrument she had never played before joining the band. Over the next few years, Michelle Leon lived the rock-and-roll lifestyle—playing live concerts, recording in studios, touring across the United States and Europe, and spending endless hours in stuffy vans, staying in two-star motels, and sleeping on strangers' couches in town after town. The grind and drama of life in the band gradually wore on Leon, however, and a heartbreaking tragedy led her to rethink her commitment to the band and the music scene. Leon's sensitive, sensory prose puts readers right on stage with Babes in Toyland while also conveying the uncertainty, vulnerability, and courage needed by a girl who never felt like she fit in to somehow find her place in the world. "A crucial and compelling account of what it was to be a woman making music in the nineties. . . . Fantastic and ferocious."—Jessica Hopper, music and culture critic and author of *The First Collection of Criticism by a Living Female Rock Critic* "Profound, poetic, badass, tender, and inspiring."—Will Hermes, author of *Love Goes to Buildings on Fire* "I Live Inside feels as real and personal as reading your own memories. . . . Parts read like a fairy tale while others are so haunting they will never leave you."—Kelli Mayo, musician (Skating Polly) "Leon draws you right into the Babes in Toyland van, shows you the after party tensions and what is in the mind of this particular girl in a band."—Darcey Steinke, author of *Sister Golden Hair: A Novel* and others "[Leon's] prose is stunning, her eye is wry, and her heart enormous; the result is a compelling memoir filled with pop culture, travel, intrigue, and a young artist's quest to find her voice."—Laurie Lindeen, musician (Zuzu's Petals) and author of *Petal Pusher: A Rock and Roll Cinderella Story* "By the end of this lyrical, tough, and moving memoir, you'll not only feel like you know Michelle Leon, you'll also want to talk and dance and listen to music with her."—Scott Heim, author of *Mysterious Skin* and *We Disappear* "A vivid, poetic memoir."—Mark Yarm, author of *Everybody Loves Our Town: An Oral History of Grunge* "This is Planet Leon."—David Markey, filmmaker, author, and musician

A respected resource for decades, the *Guide for the Care and Use of Laboratory Animals* has been updated by a committee of experts, taking into consideration input from the scientific and laboratory animal communities and the public at large. The Guide incorporates new scientific information on common

laboratory animals, including aquatic species, and includes extensive references. It is organized around major components of animal use: Key concepts of animal care and use. The Guide sets the framework for the humane care and use of laboratory animals. Animal care and use program. The Guide discusses the concept of a broad Program of Animal Care and Use, including roles and responsibilities of the Institutional Official, Attending Veterinarian and the Institutional Animal Care and Use Committee. Animal environment, husbandry, and management. A chapter on this topic is now divided into sections on terrestrial and aquatic animals and provides recommendations for housing and environment, husbandry, behavioral and population management, and more. Veterinary care. The Guide discusses veterinary care and the responsibilities of the Attending Veterinarian. It includes recommendations on animal procurement and transportation, preventive medicine (including animal biosecurity), and clinical care and management. The Guide addresses distress and pain recognition and relief, and issues surrounding euthanasia. Physical plant. The Guide identifies design issues, providing construction guidelines for functional areas; considerations such as drainage, vibration and noise control, and environmental monitoring; and specialized facilities for animal housing and research needs. The Guide for the Care and Use of Laboratory Animals provides a framework for the judgments required in the management of animal facilities. This updated and expanded resource of proven value will be important to scientists and researchers, veterinarians, animal care personnel, facilities managers, institutional administrators, policy makers involved in research issues, and animal welfare advocates. Concepts of Biology is designed for the single-semester introduction to biology course for non-science majors, which for many students is their only college-level science course. As such, this course represents an important opportunity for students to develop the necessary knowledge, tools, and skills to make informed decisions as they continue with their lives. Rather than being mired down with facts and vocabulary, the typical non-science major student needs information presented in a way that is easy to read and understand. Even more importantly, the content should be meaningful. Students do much better when they understand why biology is relevant to their everyday lives. For these reasons, Concepts of Biology is grounded on an evolutionary basis and includes exciting features that highlight careers in the biological sciences and everyday applications of the concepts at hand. We also strive to show the interconnectedness of topics within this extremely broad discipline. In order to meet the needs of today's instructors and students, we maintain the overall organization and coverage found in most syllabi for this course. A strength of Concepts of Biology is that instructors can customize the book, adapting it to the approach that works best in their classroom. Concepts of Biology also includes an innovative art program that incorporates critical thinking and clicker questions to help students understand--and apply--key concepts. This guideline defines ventilation and then natural ventilation. It explores the design requirements for natural ventilation in the context of infection control, describing the

basic principles of design, construction, operation and maintenance for an effective natural ventilation system to control infection in health-care settings. From basic cell structures to scientific inquiry and lab skills, this brief review guides students through their preparation for The Living Environment Regents Examination. The book is organized into nine topics, each covering a major area of the curriculum, and includes a recap of core content as well as review and practice questions, vocabulary, and six recent Regents Examinations. (© 2010) The Subcommittee on the Catechism, United States Conference of Catholic Bishops, has found that this catechetical high school text is in conformity with the Catechism of the Catholic Church and fulfills the requirements of Core Course I of the Doctrinal Elements of a Curriculum Framework for the Development of Catechetical Materials for Young People of High School Age.

Jesus Christ: God's Revelation to the World provides a map for high school students to navigate the salvific work of God--Father, Son, and Spirit--in forming a People, giving a Law, and preparing for the Messiah. The one-semester course gives students a general knowledge and appreciation of Sacred Scripture through which they encounter Jesus Christ. Tracing the stages of Salvation History, this text introduces key figures, events, vocabulary, and doctrine that will appear continuously throughout a four-year curriculum. While this text is a study of both the Old and New Testaments, it begins by centering on the nature of God and a person's natural instinct to search for God.

Jesus Christ: God's Revelation to the World is a versatile text that follows the first course of the new curriculum framework but is also suitable for schools teaching a one-semester scripture course or an Introduction to the Catholic faith course in both high schools and parish religious education programs. An encyclopedia designed especially to meet the needs of elementary, junior high, and senior high school students.

Once a forest has been destroyed, should one plant a new forest to emulate the old, or else plant designer forests to satisfy our immediate needs? Should we aim to re-create forests, or simply create them? How does the past shed light on our environmental efforts, and how does the present influence our environmental goals? Can we predict the future of restoration? This book explores how a consideration of time and history can improve the practice of restoration. There is a past of restoration, as well as past assumptions about restoration, and such assumptions have political and social implications. Governments around the world are willing to spend billions on restoration projects "in the Everglades, along the Rhine River, in the South China Sea" without acknowledging that former generations have already wrestled with repairing damaged ecosystems, that there have been many kinds of former ecosystems, and that there are many former ways of understanding such systems. This book aims to put the dimension of time back into our understanding of environmental efforts. Historic ecosystems can serve as models for our restorative efforts, if we can just describe such ecosystems. What conditions should be brought back, and do such conditions represent new natures or better pasts? A collective answer is given in these pages "and it is not a unified answer. Leading researchers in evolutionary developmental biology seek linkages between, and a

synthesis of, development, physiology, endocrinology, ecology, and evolution. Evolutionary developmental biology, also known as evo-devo or EDB, seeks to find links between development and evolution by opening the "black box" of development's role in evolution and in the evolution of developmental mechanisms. In particular, this volume emphasizes the roles of the environment and of hormonal signaling in evo-devo. It brings together a group of leading researchers to analyze the dynamic interaction of environmental factors with developmental and physiological processes and to examine how environmental signals are translated into phenotypic change, from the molecular and cellular level to organisms and groups of organisms. Taken together, these chapters demonstrate the crucial roles of those processes of genetic, developmental, physiological, and hormonal change that underpin evolutionary change in development, morphology, physiology, behavior, and life-history. Part I investigates links between environmental signals and developmental processes that could be preserved over evolutionary time. Several contributors evaluate the work of the late Ryuichi Matsuda, especially his emphasis on the role of the external environment in genetic change and variability ("pan-environmentalism"). Other contributors in part I analyze different aspects of environmental-genetic-evolutionary linkages, including the importance of alternate ontogenies in evolution and the paradox of stability over long periods of evolutionary time. Part II examines the plasticity that characterizes much of development, with contributors discussing such topics as gene regulatory networks and heterochronicity. Part III analyzes the role of hormones and metamorphosis in the evolution of such organisms with alternate life-history stages as lampreys, amphibians, and insects. *Bringing Bayesian Models to Life* empowers the reader to extend, enhance, and implement statistical models for ecological and environmental data analysis. We open the black box and show the reader how to connect modern statistical models to computer algorithms. These algorithms allow the user to fit models that answer their scientific questions without needing to rely on automated Bayesian software. We show how to handcraft statistical models that are useful in ecological and environmental science including: linear and generalized linear models, spatial and time series models, occupancy and capture-recapture models, animal movement models, spatio-temporal models, and integrated population-models. Features: R code implementing algorithms to fit Bayesian models using real and simulated data examples. A comprehensive review of statistical models commonly used in ecological and environmental science. Overview of Bayesian computational methods such as importance sampling, MCMC, and HMC. Derivations of the necessary components to construct statistical algorithms from scratch. *Bringing Bayesian Models to Life* contains a comprehensive treatment of models and associated algorithms for fitting the models to data. We provide detailed and annotated R code in each chapter and apply it to fit each model we present to either real or simulated data for instructional purposes. Our code shows how to create every result and figure in the book so that readers can use and modify it for their own analyses. We provide all code and data

in an organized set of directories available at the authors' websites. The MacArthur grant-winning environmental justice activist's riveting memoir of a life fighting for a cleaner future for America's most vulnerable A Smithsonian Magazine Top Ten Best Science Book of 2020 Catherine Coleman Flowers, a 2020 MacArthur "genius," grew up in Lowndes County, Alabama, a place that's been called "Bloody Lowndes" because of its violent, racist history. Once the epicenter of the voting rights struggle, today it's Ground Zero for a new movement that is also Flowers's life's work—a fight to ensure human dignity through a right most Americans take for granted: basic sanitation. Too many people, especially the rural poor, lack an affordable means of disposing cleanly of the waste from their toilets and, as a consequence, live amid filth. Flowers calls this America's dirty secret. In this "powerful and moving book" (Booklist), she tells the story of systemic class, racial, and geographic prejudice that foster Third World conditions not just in Alabama, but across America, in Appalachia, Central California, coastal Florida, Alaska, the urban Midwest, and on Native American reservations in the West. In this inspiring story of the evolution of an activist, from country girl to student civil rights organizer to environmental justice champion at Bryan Stevenson's Equal Justice Initiative, Flowers shows how sanitation is becoming too big a problem to ignore as climate change brings sewage to more backyards—not only those of poor minorities.

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