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Antibiotic Resistance Institute of Medicine 2011-01-10 Years of using, misusing, and overusing antibiotics and other antimicrobial drugs has led to the emergence of multidrug-resistant 'superbugs.' The IOM's Forum on Microbial Threats held a public workshop April 6-7 to discuss the nature and sources of drug-resistant pathogens, the implications for global health, and the strategies to lessen the current and future impact of these superbugs.

The Native Races of the Pacific States of North America Hubert Howe Bancroft 1874

Losing the Long Game Philip H. Gordon 2020-10-06 Foreign Affairs Best of Books of 2021 "Book of the Week" on Fareed Zakaria GPS Financial Times Best Books of 2020 The definitive account of how regime change in the Middle East has proven so tempting to American policymakers for decades—and why it always seems to go wrong. "It's a first-rate work, intelligently analyzing a complex issue, and learning the right lessons from history." —Fareed Zakaria Since the end of World War II, the United States has set out to oust governments in the Middle East on an average of once per decade—in places as diverse as Iran, Iraq, Afghanistan (twice), Egypt, Libya, and Syria. The reasons for these interventions have also been extremely diverse, and the methods by which the United States pursued regime change have likewise been highly varied, ranging from diplomatic pressure alone to outright military invasion and occupation. What is common to all the operations, however, is that they failed to achieve their ultimate goals, produced a range of unintended and even catastrophic consequences, carried heavy financial and human costs, and in many cases left the countries in question worse off than they were before. Philip H. Gordon's Losing the Long Game is a thorough and riveting look at the U.S. experience with regime change over the past seventy years, and an insider's view on U.S. policymaking in the region at the highest levels. It is the story of repeated U.S. interventions in the region that always started out with high hopes and often the best of intentions, but never turned out well. No future discussion of U.S. policy in the Middle East will be complete without taking into account the lessons of the past, especially at a time of intense domestic polarization and reckoning with America's standing in world.

The Coronado Expedition, 1540-1542 George Parker Winship 1896

Antithrombotic Therapy Richard C. Becker 2010-12-31 Care of patients with atherothrombosis involving the cardiovascular, peripheral vascular, and cerebrovascular systems.

Childhood Obesity Prevention and Treatment Jana Parizkova 2005-01-13 Childhood Obesity Prevention and Treatment, Second Edition summarizes the latest scientific knowledge on obesity in children. This edition focuses on the developmental aspects of obesity, especially on the influences and factors predisposing individuals to obesity from early periods of life. This new body of knowledge stems from both basic

Writing in a Bilingual Program Carole Edelsky 1986 A year-long study of the writing development of 27 first through third graders in an English/Spanish bilingual program was conducted during the 1980-81 school year. Samples of the children's writing were collected at four intervals, coded for computer tallying, and analyzed in terms of code-switching, spelling, punctuation and segmentation, structural features, stylistic devices, and content. Additionally, the context in which the writing developed was evaluated by classroom observations, teacher interviews, review of familial backgrounds, and a survey of the community language situation. Myths about bilingual language proficiency, biliteracy, bilingual education, teaching writing, and learning to write are all countered by evidence presented in this study. In a discussion of implications, the concept of a whole language approach to writing instruction is supported, in which authentic and functional texts are offered to and produced by children. Examples of the children's writing with appropriate translations are given along with various tables. Informal follow-up information is presented in three epilogues dealing with changes in the researcher's commitment to the study's original writing theories, the writing of some students a year after the study; and a chronological outline of the demise of the bilingual program used in the study. Appendices list interview questions used for teachers and aides and categories for coding the writing data. This book contains 134 references. (ALL)

The Dictator's Seduction Lauren H. Derby 2009-01-01 The dictatorship of Rafael Trujillo, who ruled the Dominican Republic from 1930 until his assassination in 1961, was one of the longest and bloodiest in Latin American history. The Dictator's Seduction is a cultural history of the Trujillo regime as it was experienced in the capital city of Santo Domingo. Focusing on everyday forms of state domination, Lauren Derby describes how the regime infiltrated civil society by fashioning a "vernacular politics" based on popular idioms of masculinity and fantasies of race and class mobility. Derby argues that the most pernicious aspect of the dictatorship was how it appropriated quotidian practices such as gossip and gift exchange, leaving almost no place for Dominicans to hide or resist. Drawing on previously untapped documents in the Trujillo National Archives and interviews with Dominicans who recall life under the

dictator, Derby emphasizes the role that public ritual played in Trujillo's exercise of power. His regime included the people in affairs of state on a massive scale as never before. Derby pays particular attention to how events and projects were received by the public as she analyzes parades and rallies, the rebuilding of Santo Domingo following a major hurricane, and the staging of a year-long celebration marking the twenty-fifth year of Trujillo's regime. She looks at representations of Trujillo, exploring how claims that he embodied the popular *barrio antihero* the *tíguere* (tiger) stoked a fantasy of upward mobility and how a rumor that he had a personal guardian angel suggested he was uniquely protected from his enemies. The Dictator's Seduction sheds new light on the cultural contrivances of autocratic power.

Language, Race, and Negotiation of Identity Benjamin H. Bailey 2002

New York Ricans from the Hip Hop Zone R. Rivera 2003-02-07 New York Puerto Ricans have been an integral part of hip hop culture since day one: from 1970s pioneers like Rock Steady Crew's Jo-Jo, to recent rap mega-stars Big Punisher (R.I.P.) and Angie Martinez. Yet, Puerto Rican participation and contributions to hip hop have often been downplayed and even completely ignored. And when their presence has been acknowledged, it has frequently been misinterpreted as a defection from Puerto Rican culture and identity, into the African American camp. But nothing could be further from the truth. Through hip hop, Puerto Ricans have simply stretched the boundaries of Puerto Ricanness and *latinidad*.

The Boy Travellers in Mexico Thomas Wallace Knox 2021-11-05 "The Boy Travellers in Mexico" by Thomas Wallace Knox. Published by Good Press. Good Press publishes a wide range of titles that encompasses every genre. From well-known classics & literary fiction and non-fiction to forgotten?or yet undiscovered gems?of world literature, we issue the books that need to be read. Each Good Press edition has been meticulously edited and formatted to boost readability for all e-readers and devices. Our goal is to produce eBooks that are user-friendly and accessible to everyone in a high-quality digital format.

Historical Linguistics Lyle Campbell 2004 This accessible, hands-on text not only introduces students to the important topics in historical linguistics but also shows them how to apply the methods described and how to think about the issues; abundant examples and exercises allow students to focus on how to do historical linguistics. Distinctive to this text is its integration of the standard topics with others now considered important to the field, including syntactic change, grammaticalization, sociolinguistic contributions to linguistic change, distant genetic relationships, areal linguistics, and linguistic prehistory. Examples are taken from a broad range of languages; those from the more familiar English, French, German, and Spanish make the topics more accessible, while those from non-Indo-European languages show the depth and range of the concepts they illustrate. This second edition features expanded explanations and examples as well as updates in light of recent work in linguistics, including a defense of the family tree model, a response to recent claims on lexical diffusion/frequency, and a section on why languages diversify and spread.

Vaccines Pan American Health Organization 2004 This publication contains a number of papers which consider the public health role of vaccines in improving the health of the world's populations, and looks at the challenges of using immunisation to combat emerging and re-emerging diseases. Issues discussed include the innovative use of vaccines against diseases such as meningococcal infection in Africa, Haemophilus influenzae type b, varicella, and hepatitis, efforts to develop a new generation of vaccines against cholera and typhoid, shigella and Helicobacter pylori, as well as developments in the quest for vaccines against tuberculosis, HIV/AIDS, dengue, malaria, and hookworm. It also deals with the use of vaccines to fight bioterrorism attacks; regulatory and safety issues; financing issues, impact of health sector reform and the sustainability of immunisation programmes.

Histopathology of the Nail Eckart Haneke 2017-06-26 This comprehensive review of the histopathology of the human nail will act as a masterclass for all dermatologists, dermatopathologists, and nail-interested pathologists who have to interpret histological sections of nail tissue, which can be challenging for many reasons. In addition to a wealth of illustrated examples, the text guides the reader through the specialized terminology of nail science and supplies clinical data to help reach a reliable histopathological diagnosis.

Epidemiology and the Delivery of Health Care Services Denise M. Oleske 2012-12-06 In this introductory textbook to epidemiology, students will discover the knowledge and skills required for managing population-based health care under health reform. Fundamental epidemiological techniques are presented teaching students to assess the health status of populations served; determine appropriate interventions based upon knowledge of factors which affect health status; and evaluate the impact of health care systems, programs, technologies, and policies on the health status of populations. Each chapter includes case studies and discussion questions.

Discursive Pragmatics Jan Zienkowski 2011 The ten volumes of "Handbook of Pragmatics Highlights" focus on the most salient topics in the field of pragmatics, thus dividing its wide interdisciplinary spectrum in a transparent and manageable way. While the other volumes select specific philosophical, cognitive, grammatical, social, cultural, variational, or interactional angles, this 8th volume focuses on theories and phenomena at the level of discourse, but leaving aside conversational interaction. It provides the reader with pragmatics-oriented information on discourse analysis, critical discourse analysis and critical linguistics, as well as text linguistics and appraisal theory, while introducing other specific approaches to discourse through concepts such as polyphony, intertextuality, genre, and "enunciation." Furthermore, topics such as public discourse, narrative, figures of speech, cohesion and coherence, pragmatic markers, manipulation, and humor, are all dealt with in separate chapters. The binding idea, explained in the introduction, is that discursive pragmatics may serve as a platform for a diversity of perspectives on discourse, as they have emerged not only in the language sciences but also in the humanities and social sciences in general."

Rhythms of the Afro-Atlantic World Ifeoma C Nwankwo 2010-11-22 "Collecting essays by fourteen expert contributors into a trans-oceanic celebration and critique, Mamadou Diouf and Ifeoma Kiddoe Nwankwo show how music, dance, and popular culture turn ways of remembering Africa into African ways of remembering. With a mix of Nuyorican, Cuban, Haitian, Kenyan, Senegalese, Trinidadian, and Brazilian beats, Rhythms of the Afro-Atlantic World proves that the pleasures of poly-rhythm belong to the realm of the discursive as well as the sonic and the kinesthetic." ---Joseph Roach, Sterling Professor of Theater, Yale University "As necessary as it is brilliant, Rhythms of the Afro-Atlantic World dances across, beyond, and within the Black Atlantic Diaspora with the aplomb and skill befitting its editors and contributors." ---Mark Anthony Neal, author of Soul Babies: Black Popular Culture and the Post-Soul Aesthetic Along with linked modes of religiosity, music and dance have long occupied a central position in the ways in which Atlantic peoples have enacted, made sense of, and responded

to their encounters with each other. This unique collection of essays connects nations from across the Atlantic---Senegal, Kenya, Trinidad, Cuba, Brazil, and the United States, among others---highlighting contemporary popular, folkloric, and religious music and dance. By tracking the continuous reframing, revision, and erasure of aural, oral, and corporeal traces, the contributors to *Rhythms of the Afro-Atlantic World* collectively argue that music and dance are the living evidence of a constant (re)composition and (re)mixing of local sounds and gestures. *Rhythms of the Afro-Atlantic World* distinguishes itself as a collection focusing on the circulation of cultural forms across the Atlantic world, tracing the paths trod by a range of music and dance forms within, across, or beyond the variety of locales that constitute the Atlantic world. The editors and contributors do so, however, without assuming that these paths have been either always in line with national, regional, or continental boundaries or always transnational, transgressive, and perfectly hybrid/syncretic. This collection seeks to reorient the discourse on cultural forms moving in the Atlantic world by being attentive to the specifics of the forms---their specific geneses, the specific uses to which they are put by their creators and consumers, and the specific ways in which they travel or churn in place. Mamadou Diouf is Leitner Family Professor of African Studies, Director of the Institute of African Studies, and Professor of History at Columbia University. Ifeoma Kiddoe Nwankwo is Associate Professor of English at Vanderbilt University. Jacket photograph by Elias Irizarry

Toward a Theory of Peace Randall Caroline Watson Forsberg 2019-12-15 Military analyst, peace activist, teacher, and social theorist Randall Caroline Watson Forsberg (1943–2007) founded the Nuclear Freeze campaign and the Institute for Defense and Disarmament Studies. In "Toward a Theory of Peace," completed in 1997 and published for the first time here, she delves into a vast literature in psychology, anthropology, archeology, sociology, and history to examine the ways in which changing moral beliefs came to stigmatize forms of "socially sanctioned violence" such as human sacrifice, cannibalism, and slavery, eventually rendering them unacceptable. Could the same process work for war? Edited and with an introduction by political scientists Matthew Evangelista (Cornell University) and Neta C. Crawford (Boston University), both of whom worked with Forsberg.

Uto-Aztecan Cognate Sets Wick R. Miller 1967

The Undeveloped West John Hanson Beadle 1873

Taos Tales Elsie Clews Parsons 2012-06-14 DIV Nearly 100 tales offer an unparalleled glimpse into beliefs, culture of Pueblo Indians: "The Kachina Suitors and Coyote," "The Envious Hunter," "The Jealous Girls," "Echo Boy," many more. /div

Concepts of Conversion Lars Kirkhusmo Pharo 2017-12-18 There has not been conducted much research in religious studies and (linguistic) anthropology analysing Protestant missionary linguistic translations. Contemporary Protestant missionary linguists employ grammars, dictionaries, literacy campaigns, and translations of the Bible (in particular the New Testament) in order to convert local cultures. The North American institutions SIL and Wycliffe Bible Translators (WBT) are one of the greatest scientific-evangelical missionary enterprises in the world. The ultimate objective is to translate the Bible to every language. The author has undertaken systematic research, employing comparative linguistic methodology and field interviews, for a history-of-ideas/religions and epistemologies explication of translated SIL missionary linguistic New Testaments and its premeditated impact upon religions, languages, sociopolitical institutions, and cultures. In addition to taking into account the history of missionary linguistics in America and theological principles of SIL/WBT, the author has examined the intended cultural transformative effects of Bible translations upon cognitive and linguistic systems. A theoretical analytic model of conversion and translation has been put forward for comparative research of religion, ideology, and knowledge systems.

Ventilatory Support and Oxygen Therapy in Elder, Palliative and End-of-Life Care Patients Antonio M. Esquinas 2019-10-26 This book provides readers with a comprehensive and up-to-date guide to non-invasive mechanical ventilation in palliative medicine, focusing on why and when it may be necessary. Physicians will find a practical guide to this specific context, particularly focused on pulmonary function and physiology in the elderly, and on ventilatory management in surgery and chronic stable conditions. The book provides detailed information on the rationale for invasive and non-invasive ventilation, the different modes of ventilation, indications and contraindications, prognostic factors, and outcomes. It addresses in detail the role of postoperative mechanical ventilation following various forms of surgery, and discusses key aspects of withdrawal from ventilatory support. Attention is also devoted to the use of mechanical ventilation within and beyond the ICU. The concluding part of the book focuses on important topics such as ethics, legal issues, home mechanical ventilation, drug therapy, rehabilitation and end-of-life. Its multidisciplinary approach, bringing together contributions from international experts in different specialties, ensures that the book will be of interest to a broad range of health professionals involved in the management of older patients admitted to the ICU, including intensivists, anesthesiologists, and geriatricians.

Mexico at the World's Fairs Mauricio Tenorio-Trillo 2018-06-01 This intriguing study of Mexico's participation in world's fairs from 1889 to 1929 explores Mexico's self-presentation at these fairs as a reflection of the country's drive toward nationalization and a modernized image. Mauricio Tenorio-Trillo contrasts Mexico's presence at the 1889 Paris fair—where its display was the largest and most expensive Mexico has ever mounted—with Mexico's presence after the 1910 Mexican Revolution at fairs in Rio de Janeiro in 1922 and Seville in 1929. Rather than seeing the revolution as a sharp break, Tenorio-Trillo points to important continuities between the pre- and post-revolution periods. He also discusses how, internationally, the character of world's fairs was radically transformed during this time, from the Eiffel Tower prototype, encapsulating a wondrous symbolic universe, to the Disneyland model of commodified entertainment. Drawing on cultural, intellectual, urban, literary, social, and art histories, Tenorio-Trillo's thorough and imaginative study presents a broad cultural history of Mexico from 1880 to 1930, set within the context of the origins of Western nationalism, cosmopolitanism, and modernism. This title is part of UC Press's Voices Revived program, which commemorates University of California Press's mission to seek out and cultivate the brightest minds and give them voice, reach, and impact. Drawing on a backlist dating to 1893, Voices Revived makes high-quality, peer-reviewed scholarship accessible once again using print-on-demand technology. This title was originally published in 1997.

Clinical Fluid Therapy in the Perioperative Setting Robert G. Hahn 2011-08-04 *Clinical Fluid Therapy in the Peri-Operative Setting* brings together some of the world's leading clinical experts in fluid management to explain what you should know when providing infusion fluids to surgical and critical care patients. Current evidence-based knowledge, essential basic science and modern clinical practice are explained in 25 focused and authoritative chapters. Each chapter guides the reader in the use of fluid therapy in all aspects of peri-operative

patient care. Guidance is given on the correct selection, quantity and composition of fluids required as a consequence of the underlying pathology and state of hydration of the patient, and the type and duration of surgery. Edited by Robert G. Hahn, a highly experienced clinician and award-winning researcher in fluid therapy, this is essential reading for all anaesthetists, intensivists and surgeons.

Pre-Columbian Foodways John Staller 2009-11-24 The significance of food and feasting to Pre-Columbian Mesoamerican cultures has been extensively studied by archaeologists, anthropologists and art historians. Foodways studies have been critical to our understanding of early agriculture, political economies, and the domestication and management of plants and animals. Scholars from diverse fields have explored the symbolic complexity of food and its preparation, as well as the social importance of feasting in contemporary and historical societies. This book unites these disciplinary perspectives — from the social and biological sciences to art history and epigraphy — creating a work comprehensive in scope, which reveals our increasing understanding of the various roles of foods and cuisines in Mesoamerican cultures. The volume is organized thematically into three sections. Part 1 gives an overview of food and feasting practices as well as ancient economies in Mesoamerica. Part 2 details ethnographic, epigraphic and isotopic evidence of these practices. Finally, Part 3 presents the metaphoric value of food in Mesoamerican symbolism, ritual, and mythology. The resulting volume provides a thorough, interdisciplinary resource for understanding, food, feasting, and cultural practices in Mesoamerica.

Anesthesia in High-Risk Patients Jean-Luc Fellahi 2017-11-06 This book describes the approach to anesthetic and perioperative management in different categories of high-risk patient scheduled to undergo elective noncardiac surgery. Individual sections focus on patients with conditions entailing cardiac and hemodynamic risks, respiratory risks, renal and metabolic risks, neurological risks, and other forms of risk. For each condition, up-to-date guidance is provided on risk evaluation, risk stratification, and intraoperative and postoperative anesthetic management. This is the first time that such different clinical situations have been gathered together in a single textbook of anesthesiology. All of the authors are international experts with extensive clinical experience. The aim is to provide trainee anesthesiologists with clear guidance that will prove invaluable when managing a wide range of patients with serious illnesses or conditions that pose a significant anesthetic risk. The book will also serve as a valuable reference for more experienced anesthesiologists and intensivists.

Spontaneous Shrines and the Public Memorialization of Death J. Santino 2016-04-30 This is an edited volume of approximately 17 essays that deal with various types of spontaneous shrines and other, related public memorializations of death. The articles address events such as New York after 9/11; roadside crosses, and the use of 'Day of the Dead' altars to bring attention to deceased undocumented immigrants.

Advanced Computational and Communication Paradigms Siddhartha Bhattacharyya 2018-05-25 The book titled Advanced Computational and Communication Paradigms: Proceedings of International Conference on ICACCP 2017, Volume 1 presents refereed high-quality papers of the First International Conference on Advanced Computational and Communication Paradigms (ICACCP 2017) organized by the Department of Computer Science and Engineering, Sikkim Manipal Institute of Technology, held from 8– 10 September 2017. ICACCP 2017 covers an advanced computational paradigms and communications technique which provides failsafe and robust solutions to the emerging problems faced by mankind. Technologists, scientists, industry professionals and research scholars from regional, national and international levels are invited to present their original unpublished work in this conference. There were about 550 technical paper submitted. Finally after peer review, 142 high-quality papers have been accepted and registered for oral presentation which held across 09 general sessions and 05 special sessions along with 04 keynote address and 06 invited talks. This volume comprises 65 accepted papers of ICACCP 2017.

The American Family David Peterson del Mar 2011-11-07 Traces the movement from mutualism to individualism in the context of American family life. Families survived or even flourished during colonization, Revolution, slavery, immigration and economic upheaval. In the past century, prosperity created a culture devoted to pleasure and individual fulfilment.

The American Egypt Channing Arnold 1909 This volume contains a travelogue on the Yucatan written by two Englishmen who journeyed there in the 1890s.

American Indian Myths and Legends Richard Erdoes 2013-12-04 More than 160 tales from eighty tribal groups gives us a rich and lively panorama of the Native American mythic heritage. From across the continent comes tales of creation and love; heroes and war; animals, tricksters, and the end of the world. In addition to mining the best folkloric sources of the nineteenth century, the editors have also included a broad selection of contemporary Native American voices. With black-and-white illustrations throughout Selected and edited by Richard Erdoes and Alfonso Ortiz Part of the Pantheon Fairy Tale and Folklore Library

The Seri Indians. (1898 N 17 / 1895-1896 (pages 1-344*)) W J McGee 2020-08-06 Reproduction of the original: The Seri Indians. (1898 N 17 / 1895-1896 (pages 1-344*)) by W J McGee

The Delight Makers Adolph Bandelier 2011-05 From 1890, this is an important contribution to the literature of the Southwest, a fictional novel of pre-Columbian Pueblo Indians, based on the author's experiences with the Native Americans of New Mexico.

Cardiovascular Computing—Methodologies and Clinical Applications Spyretta Golemati 2019-02-12 This book provides a comprehensive guide to the state-of-the-art in cardiovascular computing and highlights novel directions and challenges in this constantly evolving multidisciplinary field. The topics covered span a wide range of methods and clinical applications of cardiovascular computing, including advanced technologies for the acquisition and analysis of signals and images, cardiovascular informatics, and mathematical and computational modeling.

Implementing and Developing Cloud Computing Applications David E. Y. Sarna 2010-11-17 From small start-ups to major corporations, companies of all sizes have embraced cloud computing for the scalability, reliability, and cost benefits it can provide. It has even been said that cloud computing may have a greater effect on our lives than the PC and dot-com revolutions combined. Filled with comparative charts and decision trees, Impleme

Reminiscences of a Ranger, Or, Early Times in Southern California Horace Bell 1881 Horace Bell (1830-1918) left Indiana to seek gold in California. In 1852, he moved to Los Angeles and later became involved in American filibustering in Latin America and saw service in the Union Army before returning to Los Angeles after the Civil War to become a lawyer and newspaper

publisher. *Reminiscences of a ranger* (1881) includes anecdotes of Bell's experiences as a Los Angeles Ranger pursuing Joaquin Murietta in 1853, a soldier of fortune in Latin America, a Union officer in the Civil War, and a Los Angeles newspaper editor. He provides lively anecdotes of Los Angeles and its residents under Mexican and American rule, emphasizing cowboys and criminals and native Americans. Throughout, Bell gives special attention to the fate of Hispanic Californians and Native Americans under the United States regime. For another collection of Bell's reminiscences, see *On the old west coast* (1930).

Kiva, Cross, and Crown John L. Kessell 1978

Registers of Communication Asif Agha 2018-04-18 In any society, communicative activities are organized into models of conduct that differentiate specific social practices from each other and enable people to communicate with each other in ways distinctive to those practices. The articles in this volume investigate a series of locale-specific models of communicative conduct, or registers of communication, through which persons organize their participation in varied social practices, including practices of politics, religion, schooling, migration, trade, media, verbal art, and ceremonial ritual. Drawing on research traditions on both sides of the Atlantic, the authors of these articles bring together insights from a variety of scholarly disciplines, including linguistics, anthropology, folklore, literary studies, and philology. They describe register models associated with a great many forms of interpersonal behavior, and, through their own multi-year and multi-disciplinary collaborative efforts, bring register phenomena into focus as features of social life in the lived experience of people in societies around the world.

Google Earth Engine Applications Lalit Kumar 2019-04-23 In a rapidly changing world, there is an ever-increasing need to monitor the Earth's resources and manage it sustainably for future generations. Earth observation from satellites is critical to provide information required for informed and timely decision making in this regard. Satellite-based earth observation has advanced rapidly over the last 50 years, and there is a plethora of satellite sensors imaging the Earth at finer spatial and spectral resolutions as well as high temporal resolutions. The amount of data available for any single location on the Earth is now at the petabyte-scale. An ever-increasing capacity and computing power is needed to handle such large datasets. The Google Earth Engine (GEE) is a cloud-based computing platform that was established by Google to support such data processing. This facility allows for the storage, processing and analysis of spatial data using centralized high-power computing resources, allowing scientists, researchers, hobbyists and anyone else interested in such fields to mine this data and understand the changes occurring on the Earth's surface. This book presents research that applies the Google Earth Engine in mining, storing, retrieving and processing spatial data for a variety of applications that include vegetation monitoring, cropland mapping, ecosystem assessment, and gross primary productivity, among others. Datasets used range from coarse spatial resolution data, such as MODIS, to medium resolution datasets (Worldview -2), and the studies cover the entire globe at varying spatial and temporal scales.