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The Oxford Handbook of Human Development and Culture Food & Agriculture Org.

Artificial intelligence (AI) and robotics have boomed in the 21st century. These emerging and disruptive technologies are immersed in our lives, from apps in mobile devices, the purchases we make on the internet streaming platforms, and even court decisions and predictive policing. Together with science and certain needs, relevant implementations of AI and robotics arise, related to its transparency, resulting in biases, the kinds of applications that can be implemented, and the degree of workforce replacement in decision-making assistance. It is essential to analyze the widely used AI techniques, the application of these technologies in different sectors, the implications of AI and robotics on society and welfare, and more. The Handbook of Research on Applied Artificial Intelligence and Robotics for Government Processes presents state-of-the-art research on AI and robotics in different fields of knowledge, its benefits, applications, and implications. It features chapters containing theoretical and practical research that analyzes the transparency and expandability of AI in different fields, as well as the analysis of unexpected results, biases, and cases of discrimination. Covering topics such as criminal intelligence, artificial intelligence-based chatbots, and gender violence, this major reference work is an excellent resource for government officials, practitioners in the public sector, business administrators and managers, IT professionals, law enforcement, federal agencies, students and faculty of higher education, researchers, and academicians.

Responsible Management in Africa, Volume 2 IGI Global

After an examination of fundamental theories as applied to civil engineering, authoritative coverage is included on design practice for certain materials and specific structures and applications. A particular feature is the incorporation of chapters on construction and site practice, including contract management and control. U.S. Government Research Reports Springer Nature

The 7th installment of the REWAS conference series held at the TMS Annual Meeting & Exhibition focuses on developing tomorrow's technical cycles. The papers in this collection explore the latest technical and societal developments enabling sustainability within our global economy with an emphasis on recycling and waste management. The 2022 collection includes contributions from the following symposia: • Coupling Metallurgy and Sustainability: An EPD Symposium in Honor of Diran Apelian • Recovering the Unrecoverable • Sustainable Production and Development Perspectives • Automation and Digitalization for Advanced Manufacturing • Decarbonizing the Materials Industry

Impact of Women in Food and Agricultural Development Thomas Telford Limited

The Proceeding book presented the 3rd International Conference on Gender Equality and Ecological Justice, which is an international conference hosted by Universitas Kristen Satya Wacana. Total 29 full papers presented were carefully reviewed and selected from about 50 submissions with the topics not limited to Gender Equality and Ecological Justice. The 2019 Conference was held at Universitas Kristen Satya Wacana, Salatiga, Indonesia from 10 to 11 July 2019 which had been attended by academics and researchers from various universities worldwide with the theme of an Ecofeminist Initiative: Science and Knowledge Synergy Towards Global Wisdom & Sustainability.

Gender Inequalities European Alliance for Innovation

Humanitarian Civil Engineering demonstrates the pivotal role of civil engineering in tackling global humanitarian challenges. It identifies what a humanitarian engineer does and offers practices that are tangible to ensure safe engineering.

Gender and Transport Taylor & Francis

As a field of scholarship, gender and politics has exploded over the last fifty years and is now global, institutionalized, and ever expanding. The Oxford Handbook of Gender and Politics brings to political science an accessible and comprehensive overview of the key contributions of gender scholars to the study of politics and shows how these contributions produce a richer understanding of politics and societies. Like the field it represents, the handbook has a broad understanding of what counts as political and is based on a notion of gender that highlights masculinities as

well as femininities, thereby moving feminist debates in politics beyond the focus on women. It engages with some of the key aspects of political science as well as important themes in gender and feminist research (such as sexuality and body politics), thereby forging a dialogue between gender studies in politics and mainstream political science. The handbook is organized in sections that look at sexuality and body politics; political economy; civil society; participation, representation and policymaking; institutions, states and governance as well as nation, citizenship and identity. The Oxford Handbook of Gender and Politics contains and reflects the best scholarship in its field.

Bridge Maintenance, Safety, Management, Resilience and Sustainability Oxford University Press

The Oxford Handbook of Human Development and Culture provides a comprehensive synopsis of theory and research on human development, with every chapter drawing together findings from cultures around the world. This includes a focus on cultural diversity within nations, cultural change, and globalization. Expertly edited by Lene Arnett Jensen, the Handbook covers the entire lifespan from the prenatal period to old age. It delves deeply into topics such as the development of emotion, language, cognition, morality, creativity, and religion, as well as developmental contexts such as family, friends, civic institutions, school, media, and work. Written by an international group of eminent and cutting-edge experts, chapters showcase the burgeoning interdisciplinary approach to scholarship that bridges universal and cultural perspectives on human development. This "cultural-developmental approach" is a multifaceted, flexible, and dynamic way to conceptualize theory and research that is in step with the cultural and global realities of human development in the 21st century.

Civil Engineering Exam CRC Press

Bridge Maintenance, Safety, Management, Resilience and Sustainability contains the lectures and papers presented at The Sixth International Conference on Bridge Maintenance, Safety and Management (IABMAS 2012), held in Stresa, Lake Maggiore, Italy, 8-12 July, 2012. This volume consists of a book of extended abstracts (800 pp) Extensive collection of revised expert papers on recent advances in bridge maintenance, safety, management and life-cycle performance, representing a major contribution to the knowledge base of all areas of the field.

The Routledge Handbook of the Philosophy of Engineering Emerald Group Publishing

2024-25 SSC JE CBT I & II Civil Engineering Solved Papers 1048 1495 E. This book contains 69 online sets previous solved papers with analytical explanation.

Physical Modelling in Geotechnics, Volume 1 Oxford University Press

This manual provides direction for the preparation of noise and vibration sections of environmental documents for mass transportation projects. The manual has been developed in the interest of promoting quality and uniformity in assessments. It is expected to be used by people associated with or affected by the urban transit industry, including Federal Transit Administration (FTA) staff, grant applicants, consultants and the general public. Each of these groups has an interest in noise/vibration assessment, but not all have the need for all the details of the process. Consequently, this manual has been prepared to serve readers with varying levels of technical background and interests. It sets forth the basic concepts, methods and procedures for documenting the extent and severity of noise impacts from transit projects.

Handbook of Research on Applied Artificial

Intelligence and Robotics for Government

Processes Oxford University Press

Although sexual violence directed at both females and males is a reality in many on-going conflicts throughout the world today, accountability for the perpetrators of such violence remains the exception rather than the rule. While awareness of the problem is growing, more effective approaches are urgently needed for the investigation and prosecution of conflict-related sexual violence crimes. Upon its establishment in 1993, the Office of the Prosecutor (OTP) of the International Criminal Tribunal for the Former Yugoslavia (ICTY) began the challenging task of prosecuting the perpetrators of conflict-related sexual violence crimes, alongside the many other atrocities committed during the conflicts in the former Yugoslavia. This book documents the experiences, achievements, challenges, and fundamental insights of the OTP in prosecuting conflict-related sexual violence crimes at the ICTY over the past two decades. It draws on an extensive dossier of OTP documentation, court filings, trial exhibits, testimony, ICTY judgements, and other materials, as well as interviews with current and former OTP staff members. The authors provide a unique analytical perspective on the obstacles faced in prioritizing, investigating, and prosecuting conflict-related sexual violence crimes. While ICTY has made great strides in developing international criminal law in this area, this volume exposes the pressing need for determined and increasingly sophisticated strategies in order to overcome the ongoing obstacles in prosecuting conflict-related sexual violence crimes. The book presents concrete recommendations to inform future work being done at the national and international levels, including that of the International Criminal Court, international investigation commissions, and countries developing transitional justice processes. It provides an essential resource for investigators and criminal lawyers, human rights fact-finders, policy makers, rule of law experts, and academics.

Setting Up Community Health and Development Programmes in Low and Middle Income Settings SAGE Publications

Refugee and Forced Migration Studies has grown from being a concern of a relatively small number of scholars and policy researchers in the 1980s to a global field of interest with thousands of students worldwide studying displacement either from traditional disciplinary perspectives or as a core component of newer programmes across the Humanities and Social and Political Sciences. Today the field encompasses both rigorous academic research which may or may not ultimately inform policy and practice, as well as action-research focused on advocating in favour of refugees' needs and rights. This authoritative Handbook critically evaluates the birth and development of Refugee and Forced Migration Studies, and analyses the key contemporary and future challenges faced by academics and practitioners working with and for forcibly displaced populations around the world. The 52 state-of-the-art chapters, written by leading academics, practitioners, and policymakers working in universities, research centres, think tanks, NGOs and international organizations, provide a comprehensive and cutting-edge overview of the key

intellectual, political, social and institutional challenges arising from mass displacement in the world today. The chapters vividly illustrate the vibrant and engaging debates that characterize this rapidly expanding field of research and practice.

GE2J 2019 Oxford University Press

Physical Modelling in Geotechnics collects more than 1500 pages of peer-reviewed papers written by researchers from over 30 countries, and presented at the 9th International Conference on Physical Modelling in Geotechnics 2018 (City, University of London, UK 17-20 July 2018). The ICPMG series has grown such that two volumes of proceedings were required to publish all contributions. The books represent a substantial body of work in four years. *Physical Modelling in Geotechnics* contains 230 papers, including eight keynote and themed lectures representing the state-of-the-art in physical modelling research in aspects as diverse as fundamental modelling including sensors, imaging, modelling techniques and scaling, onshore and offshore foundations, dams and embankments, retaining walls and deep excavations, ground improvement and environmental engineering, tunnels and geohazards including significant contributions in the area of seismic engineering. ISSMGE TC104 have identified areas for special attention including education in physical modelling and the promotion of physical modelling to industry. With this in mind there is a special themed paper on education, focusing on both undergraduate and postgraduate teaching as well as practicing geotechnical engineers. *Physical Modelling in Geotechnics* has entered a new era with the advent of exciting work on real time interfaces between physical and numerical modelling and the growth of facilities and expertise that enable development of so called 'megafuges' of 1000gtonne capacity or more; capable of modelling the largest and most complex of geotechnical challenges. *Physical Modelling in Geotechnics* will be of interest to professionals, engineers and academics interested or involved in geotechnics, geotechnical engineering and related areas. The 9th International Conference on Physical Modelling in Geotechnics was organised by the Multi Scale Geotechnical Engineering Research Centre at City, University of London under the auspices of Technical Committee 104 of the International Society for Soil Mechanics and Geotechnical Engineering (ISSMGE). City, University of London, are pleased to host the prestigious international conference for the first time having initiated and hosted the first regional conference, Eurofuge, ten years ago in 2008. Quadrennial regional conferences in both Europe and Asia are now well established events giving doctoral researchers, in particular, the opportunity to attend an international conference in this rapidly evolving specialist area. This is volume 1 of a 2-volume set.

Gender and Sexuality in Male-Dominated Occupations YOUTH COMPETITION TIMES

Over half the world's rural population, and many in urban slums, have minimal access to health services. This book describes how to set up new, and develop existing, community-based health care for, by and with, the community.

CIVIL ENGINEERING (SSC JE 2020) Emerald Group Publishing

2022-23 SSC JE Civil Engineering Exam Year-wise Previous Solved Papers

Gender Visibility and Erasure CRC Press

Engineering has always been a part of human life but has only recently become the subject matter of systematic philosophical inquiry. The Routledge Handbook of the Philosophy of Engineering presents the state-of-the-art of this field and lays a foundation for shaping future conversations within it. With a broad scholarly scope and 55 chapters contributed by both established experts and fresh voices in the field, the Handbook provides valuable insights into this dynamic and fast-growing field. The volume focuses on central issues and debates, established themes, and new developments in: Foundational perspectives Engineering reasoning Ontology Engineering design processes Engineering activities and methods Values in engineering Responsibilities in engineering practice Reimagining engineering The Routledge Handbook of the Philosophy of Engineering will be of value for both students and active researchers in philosophy of engineering and in cognate fields (philosophy of technology, philosophy of design). It is also intended for engineers working both inside and outside of academia who would like to gain a more fundamental

understanding of their particular professional field. The increasing development of new technologies, such as autonomous vehicles, and new interdisciplinary fields, such as human-computer interaction, calls not only for philosophical inquiry but also for engineers and philosophers to work in collaboration with one another. At the same time, the demands on engineers to respond to the challenges of world health, climate change, poverty, and other so-called "wicked problems" have also been on the rise. These factors, together with the fact that a host of questions concerning the processes by which technologies are developed have arisen, make the current Handbook a timely and valuable publication. 2024-25 SSC JE CBT I & II Civil Engineering Solved Papers OUP Oxford

This book explains how learning from past mistakes in urban design can help to enhance sustainable cities and how the principles of Green Urbanism can yield more resilient urban settlements. Environmental design is a fundamental principle in shaping cities. However, environmental challenges like increased resource consumption, water degradation and waste-related issues are among the greatest problems now facing humanity - which is why these issues need to be considered with regard to "smart cities," either for the development of new urban centers or for the transformation of existing cities. The book not only discusses the importance of integrating sustainability principles in the urban design process, but also demonstrates their application to the development of sustainable cities. As such, the book offers essential information and a source of inspiration for all those who want to build more sustainable cities.

The Surveyor & Municipal & County Engineer Oxford University Press

SSC JE 2020 CIVIL ENGINEERING SOLVED PAPERS Negotiating Gender Expertise in Environment and Development Springer

Gender inequality is entrenched in the cultural, political, and market systems that operate at household, community, and national levels. Overarching global changes in access to markets, climatic conditions, and the availability of natural resources intensify disparities in income, assets, and power among genders. This book explains these gender dynamics at macro and micro levels through GIS and spatial analysis. Chapter 1 provides an overview of the current role of GIS in the context of gender inequalities, how it still exists globally despite substantial national and international measures that have been taken toward gender equality. It illustrates global and country-level maps of measures of gender inequalities, such as gender equality index, access to basic education, health and life expectancy, equality of economic opportunity, and political empowerment. The global case studies provided in the consequent chapters explore the world of gender inequalities and get directly involved with some of the GIS and mapping applications. Chapter 2 investigates how GIS can be adapted for the criminal justice response to domestic violence (DV) and to eliminate gender-based violence. Chapter 3 discusses applying GIS and spatial analysis to the prevalence and incidence mapping of intimate partner violence (IPV) and geospatial factors that influence help-seeking and resource availability. Chapter 4 discusses the spatial disparity of gender-representation across industry types in the United States. Chapter 5 explores the social and environmental injustice experienced by female migrant workers at Guiyu town, China, in the context of both environmental pollution and governance. Chapter 6 presents a social vulnerability index to identify spatial patterns of social vulnerability and gender inequalities among Mexican households. Chapter 7 presents the United States' opioid crisis over the past two decades and analysis of mortality by gender, race, age, and urbanicity. Chapter 8 discusses the commitment to "leave no one behind" as the heart of the 2030 Agenda for Sustainable Development and identifies inequalities among women and girls by mapping multiple deprivations in Pakistan. Chapter 9 discusses the long-standing challenges in establishing gender parity in the transportation workforce in the United States. Chapter 10 presents a study that utilizes geospatial statistical tools and state-level admission data to examine gender inequalities in higher-education enrollment in Nigeria and investigates the key factors on enrollment. This book fosters engagement with the newest mapping and GIS application in contemporary issues regarding

gender inequalities and nurtures recognition of how institutional global, everyday, and intimate spaces are inherently gendered, classed, raced, and sexualized. It demonstrates the spatiality of the politics of gender difference, and the contributions of GIS and spatial analysis to the struggles for equality and social justice. A unique work that Lays out a step-by-step approach to identify relevant GIS applications, spatial methods, data collection, and mapping techniques for gender inequalities research Has a strong international and global perspective. The author is well-informed in global perspectives Investigates the patterns/processes and indicators driving gender inequality at various temporal scales and at comparably detailed resolutions Illustrates finer-scale case studies, appropriate for local programs and interventions, as well as global scale studies contributing to international and national-level policy discussions on gender inequality Since gender inequality is a research area that is very wide and with strands into many academic traditions, this book is aimed at different and diverse academics/research. It is written for geographers, public health practitioners, sociologists, epidemiologists, criminologists, politicians, economists, environmentalists, GIScientists, and health and research professionals interested in applying GIS and spatial analysis to the study of gender inequalities.

Violence against Women in Politics Taylor & Francis

"Many researchers and software developers have put a lot of effort into finding solutions for automated code checking. This book is a good summary of these efforts and provides readers with a comprehensive understanding of the status of such technologies in the industry. It also guides readers on implementation of such techniques using the platforms and tools currently available in the industry." - Issa Ramaji, University of North Florida, USA *Building Information Modeling: Automated Code Checking and Compliance Processes* covers current and emerging trends in automating the processes of examining building design against codes and standards of practice. The role of Building Information Modeling (BIM) technologies in these processes is thoroughly analyzed and explains how this new technology is significantly transforming modern architecture, engineering, and construction (AEC) domains. The book also introduces the theoretical background of computerizing compliance verification, including domain knowledge representations, building model representations, and automated code checking systems. An underlying goal for the material covered is to present the use of BIM technology as an integral part of the automated auditing process that can lead to a more comprehensive, intelligent, and integrated building design- a design where an optimized solution can be achieved in harmony with the current codes and standards of practice. This new proposed BIM-based framework for automating code conformance checking is one of the most powerful methods presently available to reflect actual building code requirements, and the methods described in the book offer significant benefits to the AEC industry such as: Providing consistency in interpretation of regulatory provisions Reducing code compliance validation errors, and the cost and time associated with compliance checking Allows for the ability to self-check required aspects before bidding Reduces the amount of time and resources required during design review Allows for optimal design, along with faster turnaround on feedback, and potentially faster approvals for construction permits by building and infrastructure authorities