
Geotechnical Engineering Gbv

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Global Problems, Global Solutions 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.

Trust in Numbers European Alliance for Innovation

The Oxford Textbook Violence Prevention brings together an international team of experts to provide an extensive global account of the global mortality and

morbidity burden caused by violence through examining the causes of violence, and what can be done to prevent and reduce violence.

Building Information Modeling IGI Global
Rigorous and technically deep -- yet accessible -- this up-to-date introduction to geotechnical engineering explores both the principles of soil mechanics and their application to engineering practice -- emphasizing the role of geotechnical engineering in real design projects. An accompanying CD provides supplementary software developed specifically for learning purposes -- e.g., SETTRATE. Discusses site exploration and characterization; soil composition; soil classification; excavation, grading, and compacted fill; groundwater -- fundamentals and applications; stress; compressibility and settlement; rate of consolidation; strength; stability of earth slope; dams and levees; lateral earth pressures and retaining walls; structural foundations; difficult soils; soil improvement; and geotechnical earthquake engineering. Makes extensive use of photographs and example problems. For geotechnical engineers, soils engineers, ground engineers, structural engineers, and civil engineers.
The Surveyor & Municipal & County Engineer YOUTH COMPETITION TIMES
Women have made significant inroads into political life in recent years, but in many parts of the world, their increased engagement has spurred attacks, intimidation, and harassment. This book provides the first

comprehensive account of this phenomenon, exploring how women came to give these experiences a name: violence against women in politics. Tracing its global emergence as a concept, Mona Lena Krook draws on insights from multiple disciplines--political science, sociology, history, gender studies, economics, linguistics, psychology, and forensic science--to develop a more robust version of this concept to support ongoing activism and inform future scholarly work. Krook argues that violence against women in politics is not simply a gendered extension of existing definitions of political violence privileging physical aggressions against rivals. Rather, it is a distinct phenomenon involving a broad range of harms to attack and undermine women as political actors, taking physical, psychological, sexual, economic, and semiotic forms. Incorporating a wide range of country examples, she illustrates what this violence looks like in practice, catalogues emerging solutions around the world, and considers how to document this phenomenon more effectively. Highlighting its implications for democracy, human rights, and gender equality, the book asserts that addressing this issue requires ongoing dialogue and collaboration to ensure women's equal rights to participate--freely and safely--in political life around the globe.

Handbook of Research on Applied Artificial Intelligence and Robotics for Government Processes YOUTH COMPETITION TIMES

This book thoroughly examines the socio-economic and labor market paths of young NEETs, particularly migrants and women, in the disadvantaged regions of

Mediterranean Southern Europe—specifically, the island, coastal, and peripheral areas of Greece, Cyprus, Italy, and Spain. It embraces a holistic approach, delving into multiple dimensions of the phenomenon. Rooted in multi-methodological research, it seamlessly integrates quantitative and qualitative methods to provide a comprehensive understanding. Geographically, it spans four Southern European countries, meticulously exploring vulnerable social groups like migrant and women NEETs, which have been understudied. Furthermore, the book illuminates the influence of space and spatial patterns on the NEET phenomenon, effectively connecting precariousness and social exclusion with geography and spatial inequalities across different scales. The book appeals to a diverse audience, spanning human geography, sociology, and migration studies. It extends its relevance to social scientists exploring poverty, social exclusion, precariousness, and socio-spatial injustices. Additionally, it offers valuable insights for postgraduate students in these fields and serves as a complementary resource in social science methodology and theory courses at both graduate and postgraduate levels.

Civil Engineering Exam CRC Press

The ebook edition of this title is Open Access, thanks to Knowledge Unlatched funding, and freely available to read online. Reimagining intersectional research, this book addresses the urgent need to develop gender-just solutions that empower those who are experiencing environmental degradation in their communities.

Physical Modelling in Geotechnics, Volume 1 Princeton University Press

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.

Geotechnical Engineering Oxford University Press

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.

Gender and Sexuality in Male-Dominated Occupations SAGE Publications

This book examines changing gender roles, relations and hierarchies in an ethnic minority community in Central Viet Nam. After decades of war, the community continued its self-sufficient way of life in this remote forested mountainous region, but in recent years has been forced to respond to severe climate threats combined with sudden and destabilizing socioeconomic and regulatory change. Through the use of both qualitative (interview-based) and quantitative research methods, the book offers insights into the complex interactions between climate, regulatory and socioeconomic changes – including,

paradoxically, the emergence of significant problems for both the community and the environment in the wake of policies designed to protect the natural environment. Facing greatly increased food and livelihood insecurity, the women and men of the community were pushed into the mainstream market economy without being fully prepared to participate in an economy that is still very new to them. These sudden transitions caused major shifts in gender roles and hierarchies, opening up new possibilities for women to increase their social status in a highly patriarchal context, but also at a cost for both women and men as women ' s burdens increased and men ' s traditional roles and livelihoods were lost. The book examines recent trends, including unanticipated changes and new possible policy-related approaches, and draws international comparisons with other ethnic minority, indigenous and remote communities facing similar complex forces of change. This book will be of interest to scholars and postgraduate students of climate change, gender, environment, and public policy and development studies.

Gender Inequalities Taylor & Francis

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-principles that are presented as 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.

CIVIL ENGINEERING (SSC JE 2020) Routledge

This volume assesses the nexus of gender and transboundary water governance, containing empirical case studies, discourse analyses, practitioners' accounts, and theoretical reflections.

Transboundary water governance exists at the intersection of two highly masculinised fields: diplomacy and water resources management. In both fields, positions are mainly held by men, and core ideas, norms, and guiding

neutral, are both shaped by men and based on male experiences. This book sheds light on the often hidden gender dynamics of water conflict and cooperation at the transboundary level and on the implicit assumptions that guide research and policies. The individual chapters of the book, based on case studies from around the world, reveal the gendered nature of water diplomacy, take stock of the number of women involved in organisations that govern shared waters, and analyse programmes that have been set up to promote women in water diplomacy and the obstacles that they face. They explore and contest leading narratives and knowledge that have been shaped mainly by privileged men, and assess how the participation of women concretely impacts the practices, routines, and processes of water negotiations.

This volume will be of great interest to students and scholars of water governance, water diplomacy, gender, international relations and environmental politics. It will also be of interest to professionals and policymakers involved in supporting gender mainstreaming in water cooperation. 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.

[Setting Up Community Health and Development Programmes in Low and](#)

Middle Income Settings CRC 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 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 Dynamics in Transboundary Water Governance Oxford University Press

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.

Geotechnical Engineering Challenges to Meet Current and Emerging Needs of Society Emerald Group Publishing

' Geotechnical Engineering Challenges to Meet Current and Emerging Needs of Society ' includes the papers presented at the XVIII European Conference on Soil Mechanics and Geotechnical Engineering (Lisbon, Portugal, August 26 to 30th, 2024). The papers aim to contribute to a better understanding of problems and

solutions of geotechnical nature, as well as to a more adequate management of natural resources. Case studies are included to better disseminate the success and failure of Geotechnical Engineering practice. The peer-reviewed articles of these proceedings address the six main topics: New developments on structural design Geohazards Risk analysis and safety evaluation Current and new construction methods Environment, water, and energy Future city world vision With contributions from academic researchers and industry practitioners from Europe and abroad, this collection of conference articles features an interesting and wide-ranging combination of innovation, emerging technologies and case histories, and will be of interest to academics and professionals in Soil Mechanics and Geotechnical Engineering.

Advanced Studies in Efficient Environmental Design and City Planning Oxford University Press

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.

U.S. Government Research Reports
Taylor & Francis

Responsible Management in Africa delivers a rich reservoir of indigenous value-narratives based on a well-balanced philosophical anthropology, enriching global knowledge in the philosophy of management and in business ethics and contributing much-needed insights for leaders around the world to manage enterprise responsibly.

A Manual for Gender Audit Facilitators
YOUTH COMPETITION TIMES

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.

REWAS 2022: Developing Tomorrow 's Technical Cycles (Volume I) National Academies Press

Engineering skills and knowledge are foundational to technological innovation and development that drive long-term economic growth and help solve societal challenges. Therefore, to ensure national competitiveness and quality of life it is important to understand and to continuously adapt and improve the educational and career pathways of engineers in the United States. To gather this understanding it is necessary to study the people with the engineering skills and knowledge as well as the evolving system of institutions, policies, markets, people, and other resources that together prepare, deploy, and replenish the nation's engineering workforce. This report explores the characteristics and career choices of engineering graduates, particularly those with a BS or MS degree, who constitute the vast majority of degreed engineers, as well as the characteristics of those with non-engineering degrees who are employed as engineers in the United States. It provides insight into their educational and career pathways and related decision making, the forces that influence their decisions, and the implications for major elements of

engineering education-to-workforce pathways.

The Oxford Handbook of Gender and Politics UN

This book casts a light on the daily struggles and achievements of 'gender experts' working in environment and development organisations, where they are charged with advancing gender equality and social equity and aligning this with visions of sustainable development. Developed through a series of conversations convened by the book's editors with leading practitioners from research, advocacy and donor organisations, this text explores the ways gender professionals – specialists and experts, researchers, organizational focal points – deal with personal, power-laden realities associated with navigating gender in everyday practice. In turn, wider questions of epistemology and hierarchies of situated knowledges are examined, where gender analysis is brought into fields defined as largely techno-scientific, positivist and managerialist. Drawing on insights from feminist political ecology and feminist science, technology and society studies, the authors and their collaborators reveal and reflect upon strategies that serve to mute epistemological boundaries and enable small changes to be carved out that on occasions open up promising and alternative pathways for an equitable future. This book will be of great relevance to scholars and practitioners with an interest in environment and development, science and technology, and gender and women's studies more broadly. The Open Access version of this book, available at <https://www.taylorfrancis.com>

com/books/e/9781351175180, has been made available under a Creative Commons Attribution-Non Commercial-No Derivatives 4.0 license.

Humanitarian Civil Engineering
Emerald Group Publishing

Gender Visibility and Erasure offers a unique way of focusing on gender by identifying the multiple contexts in which issues of visibility, invisibility, and erasure manifest, considering who is seen and who is ignored, who has voice and who is silenced, who has agency and who is controlled.