

Ib Geography HI Paper 3 2013

MM Paper 3 STPM Mathematics (T) Paper 3 Past Year and Intensive Revision Solution 2019 UPSC IAS/ IPS MAINS General Studies Solved Paper 3 (as per Word Limit) NTA NET Computer Science Previous Papers for UGC NET/JRF Exams Demokratie und Nachhaltigkeit 2013 Global Hunger Index IAS Mains Paper 3 Technology Economic Development Bio Diversity Environment, Security & Disaster Management 2021 Creating Sustainable Bioeconomies 2019 UPSC IAS/ IPS MAINS General Studies Solved Paper 2 (as per Word Limit) 2019 UPSC IAS/ IPS MAINS General Studies Solved Paper 4 (as per Word Limit) 2019 UPSC IAS/ IPS MAINS General Studies Solved Paper 1 (as per Word Limit) 2013 International Conference on Biological, Medical and Chemical Engineering (BMCE2013) Komplexe Freiheit EU Neighbourhood Policy in the Maghreb Media Constrained by Context Russia and the New World Disorder Wildlife Trafficking Information Systems and Neuroscience The New Emperors Energy Law and Economics Business and Development Studies Uneven Citizenship: Minorities and Migrants in the Post-Yugoslav Space Public Service Broadcasting and Media Systems in Troubled European Democracies British librarianship and information work 2011-2015 Resistance and Transitional Justice Tourism and Development The European Labor Market and Technology The Arms Trade Treaty: A Commentary Wasted IAS Mains Paper 3 Technology Economic Development Bio Diversity Environment, Security & Disaster Management 2020 Climate Change, Vulnerability and Migration Voice and Agency Environmental Law and Economics Carbon Pricing North African Politics The Political Economy of Japanese Trade Policy The Microgrid Revolution: Business Strategies for Next-Generation Electricity ICEL2013- Proceedings of the 8th International Conference on e-Learning Public Policies in Media and Information Literacy in Europe International Congress on Energy Efficiency and Energy Related Materials (ENEFM2013)

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Wildlife Trafficking Jun 16 2021 This book provides a comprehensive, global exploration of the scale, scope, threats, and drivers of wildlife trafficking from a criminological perspective. Building on the first edition, it takes into account the significant changes in the international context surrounding these issues since 2013. It provides new examples, updated statistics, and discusses the potential changes arising as a result of COVID-19 and the IPBES 2019 report. It also discusses the shift in trafficking 'hotspots' and the recent projects that have challenged responses to wildlife trafficking. It undertakes a distinctive exploration of who the victims and offenders of wildlife trafficking are as well as analysing the stakeholders who are involved in collaborative efforts to end this devastating green crime. It unpacks the security implications of wildlife trade and trafficking and possible responses and ways to combat it. It provides useful and timely information for social and environmental/life scientists, law enforcement, NGOs, and policy makers.

Public Service Broadcasting and Media Systems in Troubled European Democracies Dec 11 2020 This book provides the most recent overview of media systems in Europe. It explores new political, economic and technological environments and the challenges they pose to democracies and informed citizens. It also examines the new illiberal environment that has quickly embraced certain European states and its impact on media systems, considering the sources and possible consequences of these challenges for media industries and media professionals. Part I examines the evolving role of public service media in a comparative study of Western, Southern and Central Europe, whilst Part II ventures into Europe's periphery, where media continues to be utilised by the state in its quest for power. The book also provides an insight into the role of the European Union in preserving the independence and neutrality of public service media. It will be useful to students and researchers of political communication and international and comparative media, as well as democracy and populism.

Carbon Pricing Dec 31 2019 In 2012, Australia took the major step of introducing a carbon price, involving the creation of a system of emissions permits initially issued at a fixed price. Carbon Pricing brings together experts instrumental in the development, and operation, of A

Climate Change, Vulnerability and Migration Apr 02 2020 This book highlights how climate change has affected migration in the Indian subcontinent. Drawing on field research, it argues that extreme weather events such as floods, droughts, cyclones, cloudbursts as well as sea-level rise, desertification and declining crop productivity have shown higher frequency in recent times and have depleted bio-physical diversity and the capacity of the ecosystem to provide food and livelihood security. The volume shows how the socio-economically poor are worst affected in these circumstances and resort to migration to survive. The essays in the volume study the role of remittances sent by migrants to their families in environmentally fragile zones in providing an important cushion and adaptation capabilities to cope with extreme weather events. The book looks at the socio-economic and political drivers of migration, different forms of mobility, mortality and morbidity levels in the affected population, and discusses mitigation and adaptation strategies. The volume will be of great interest to scholars and researchers of environment and ecology, migration and diaspora studies, development studies, sociology and social anthropology, governance and public policy, and politics.

2013 International Conference on Biological, Medical and Chemical Engineering (BMCE2013) Nov 21 2021 This proceeding is indeed the result of remarkable cooperation of many distinguished experts, who came together to contribute their research work and comprehensive, in-depth and up to date review articles. We are thankful to all the contributing authors and co-authors for their valued contribution to this book. We would also like to express our gratitude to all the publishers and authors and others for granting us the copyright permissions to use their illustrations. 2013 International Conference on Biological, Medical and Chemical Engineering (BMCE2013) which will be held on December 1-2, 2013, Hong Kong, aims to provide a forum for accessing to the most up-to-date and authoritative knowledge from both Biological, Medical and Chemical Engineering. The dynamic Hong Kong, officially the Hong Kong Special Administrative Region of the People's Republic of China, is a largely self-governing territory of the People's Republic of China (PRC), facing the Guangdong Province in the north and the South China Sea to the east, west and south. Under the "one country, two systems" policy, Hong Kong enjoys considerable autonomy in all areas with the exception of foreign affairs and defense (which are the responsibility of the PRC Government). As part of this arrangement, Hong Kong continues to maintain its own currency, separate legal, political systems and other aspects that concern its way of life, many of which are distinct from those of mainland China. In relation with the title of this proceeding, Biological and Medical Engineering, Developmental biology, Environmental Biology, Evolutionary Biology, Marine Biology, Chemistry and Chemical Engineering Fundamentals, Chemical engineering educational challenges and development, Chemical reaction engineering, Chemical engineering equipment design and process design, Thermodynamics, Catalysis & reaction engineering, Advances in computational & numerical methods, Systems biology, Integration of Life Sciences & Engineering, Multi-scale and Multi-disciplinary Approaches, Controlled release of the active ingredient, Energy & nuclear sciences, Energy and environment, CFD & chemical engineering, Food engineering etc, has been targeted and included in this proceeding. The proceeding is the results of the contribution of a number of experts from the international scientific community in the respective field of research.

2013 Global Hunger Index May 28 2022 The 2013 Global Hunger Index (GHI), which reflects data from the period 2008–2012, shows that global hunger has improved since 1990, falling by one-third. Despite the progress made, the level of hunger in the world remains “serious,” with 870 million people going hungry, according to estimates by the Food and Agriculture Organization of the United Nations. The policy recommendations in this report offer a path forward for the international development, humanitarian, and donor communities; for country-level policymakers in food-insecure countries; and for development and humanitarian practitioners.

Information Systems and Neuroscience May 16 2021 This book presents the proceedings of the Gmunden Retreat on NeuroIS 2016, reporting on topics at the intersection of Information Systems (IS) research, neurophysiology and the brain sciences. Readers will discover the latest findings from top scholars in the field of NeuroIS, which offer detailed insights on the neurobiology underlying IS behavior, essential methods and tools and their applications for IS, as well as the application of neuroscience and neurophysiological theories to advance IS theory.

The New Emperors Apr 14 2021 China has become the powerhouse of the world economy and home to 1 in 5 of the world's population, yet we know almost nothing of the people who lead it. How does one become the leader of the world's newest superpower? And who holds the real power in the Chinese system? In *The New Emperors*, the noted China expert Kerry Brown journeys deep into the heart of the secretive Communist Party. China's system might have its roots in peasant rebellion but it is now firmly under the control of a power-conscious Beijing elite, almost half of whose members are related directly to former senior Party leaders. Brown reveals the intrigue and scandal surrounding the internal battle raging between two China's: one founded by Mao on Communist principles, and a modern China in which 'to get rich is glorious'. At the centre of it all sits the latest Party Secretary, Xi Jinping -

the son of a revolutionary, with links both to big business and to the People's Liberation Army. His rise to power is symbolic of the new emperors leading the world's next superpower.

North African Politics Nov 29 2019 In the aftermath of the turmoil that shook North Africa in late 2010 and early 2011, commentators and analysts have sought explanations to the factors that triggered the uprisings and to understand why a region, seemingly characterized by relative stability for decades, would suddenly erupt in convulsions. Had an underlying dynamism in the region overwhelmed what were ostensibly stable authoritarian regimes? What were the connections to events and dynamics beyond the region, such as countries in the Middle East, international commodity markets, and environmental factors, amongst others? Why had allies abetted authoritarianism for so long, and what were the implications for such alliances? North African Politics: Change and continuity brings together experts to explore these questions, providing in-depth analyses of important developments in the region, which build upon and complement the 2008 companion volume, North Africa: Politics, Region and the Limits of Transformation. This 21-chapter volume is a key contribution that responds to the need in the Anglo-American sphere for sustained, critical studies on North Africa and examines political, economic, security, social and military aspects of the region. Focused studies on individual countries allow detailed discussion of regional factors. The book also examines extrinsic, trans-regional dynamics, such as North Africa's influential interdependencies with the Levant and the Gulf, Europe, Sahelian and sub-Saharan Africa, and North America. Its innovative approach provides new perspectives on North Africa, extending its research scope to include Egypt and exploring China's evolving role in the region. Providing an important contribution in the assessment of the ever-shifting political and social tectonics within and beyond North Africa, North African Politics is an essential resource for students, scholars and policy makers in Middle Eastern and North African Studies, and beyond.

Wasted Jun 04 2020 Young people growing up in Britain today face a narrowing job market, high housing costs and the prospect of a lifetime of hard work with less reward. The ideas of social responsibility that arose after the Second World War are straining under the demands of a globalised world. Too often public debate divides Britain's youth into the 'feral rats' of the London riots and the 'posh boys' of Eton. Business leaders rail at the entitled and unemployable young people they are asked to give jobs to, politicians complain about apathetic teens and commentators devote endless column inches to the issue of a 'self-obsessed' generation. Georgia Gould travelled across the UK to uncover the values, aspirations and challenges of young Brits, from job seekers in Bradford and working-class families in Glasgow's Easterhouse estate, to student protesters at Sussex University and young entrepreneurs in London such as YouTube sensation Jamal Edwards. If we show young people that we trust them with the future of our country, we will find that they are ready to rise to the challenge. This timely work points the way towards a new social contract and gives a voice to young Britain. <http://bit.ly/YoungBritain>

IAS Mains Paper 3 Technology Economic Development Bio Diversity Environment, Security & Disaster Management 2021 Apr 26 2022

2019 UPSC IAS/ IPS MAINS General Studies Solved Paper 4 (as per Word Limit) Jan 24 2022

Resistance and Transitional Justice Oct 09 2020 Despite a more reflective concern over the past 20 years with marginalised voices, justice from below, power relations and the legitimacy of mechanisms and processes, scholarship on transitional justice has remained relatively silent on the question of 'resistance'. In response, this book asks what can be learnt by engaging with resistance to transitional justice not just as a problem of process, but as a necessary element of transitional justice. Drawing on literatures about resistance from geography and anthropology, it is the social act of labelling resistance, along with its subjective nature, that is addressed here as part of the political, economic, social and cultural contexts in which transitional justice processes unfold. Working through three cases – Côte d'Ivoire, Burundi and Cambodia – each chapter of the book addresses a different form or meaning of resistance, from the vantage point of multiple actors. As such, each chapter adds a different element to an overall argument that disrupts the norm/deviancy dichotomy that has so far characterised the limited work on resistance and transitional justice. Together, the chapters of the book develop cross-cutting themes that elaborate an overall argument for considering resistance to transitional justice as a subjective element of a political process, rather than as a problem of implementation.

Business and Development Studies Feb 10 2021 Business and Development Studies: Issues and Perspectives provides a comprehensive collection of cutting-edge theoretical and empirical contributions to the emerging field of business and development studies. Compared to more traditional business-school accounts of business in developing countries which focus on the challenges and opportunities of doing business in developing countries, this anthology explores whether, how, and under what conditions business contributes to the achievement of economic, social, and environmental goals in developing countries. The book consolidates the current status of academic work on business and development, identifies state of the art in relation to this academic field, and establishes a future research agenda for 'business and development studies' as an emerging academic discipline within the social sciences. The book will be of interest to researchers and students, including economists, geographers, sociologists, political scientists, corporate social responsibility specialists, and development scholars who are seeking an in-depth overview of

current debates about the role of business as a development agent in the Global South. The book is also of relevance to practitioners that are engaged in work with the private sector seeking to enhance the positive effects and minimize the negative economic, social, and environmental consequences of business activity in the Global South.

Tourism and Development Sep 07 2020 This book explores and challenges the relationship between tourism and development and establishes a conceptual link between the discrete yet interconnected disciplines of tourism studies and development studies. This revised and expanded second edition provides not only a comprehensive theoretical foundation in development studies but also a critical analysis of contemporary themes and issues relevant to the study of tourism and its potential contribution to development. The second edition contains new chapters on the following topics: • Tourism and Poverty Reduction • Cultural Heritage, Tourism and Socio-economic Development • Tourism, Climate Change and Development • Human Rights Issues in Tourism Development • Tourism, Development and International Studies

IAS Mains Paper 3 Technology Economic Development Bio Diversity Environment, Security & Disaster Management 2020 May 04 2020 UPSC is considered to be the most prestigious and toughest examination in the country. In order to crack these exams one need to do heavy preparations, thorough practice and clear concepts about each and every subject. "IAS Mains General Studies Paper – 3" the most updated study material incorporated with detailed information and supported by up-to-date facts and figures. The complete coverage on each topic of the syllabus have been divided into 4 Important Units in this book. It gives the complete depiction of Indian Economy and Agriculture, Science and Technology, Biodiversity, Environment and Disaster Management, and Internal Security. This book facilitates by giving the deep coverage on all topics of the syllabus at one place with the conceptual clarity to fulfil the need and demands of the aspirants, special exam oriented structure has been given according to the UPSC syllabus, discussion of the theoretical concepts with the contemporary examples are given, Solved Papers from Solved Papers 2019-17 and 16 and 3 Practice Sets that helps in raising up level of preparation. This book acts as a great help in achieving the success for the upcoming exam. TABLE OF CONTENTS Solved Paper 2019, Solved Paper 2018, and Solved Paper 2017, Unit 1: Indian Economy and Agriculture, Unit -2: Science and Technology, Unit -3: Biodiversity, Environment and Disaster Management, Unit -4: Internal Security, Solved Paper 2016, Practice Papers (1-3).

NTA NET Computer Science Previous Papers for UGC NET/JRF Exams Jul 30 2022 NTA NET Computer Science Previous Papers for UGC NET/JRF Exams

2019 UPSC IAS/ IPS MAINS General Studies Solved Paper 2 (as per Word Limit) Feb 22 2022

2019 UPSC IAS/ IPS MAINS General Studies Solved Paper 1 (as per Word Limit) Dec 23 2021

ICEL2013-Proceedings of the 8th International Conference on e-Learning Aug 26 2019

The Political Economy of Japanese Trade Policy Oct 28 2019 This study provides up-to-date coverage of the most important domestic and external political and economic influences on Japanese trade policy, as well as the evolutionary dynamics of that policy in the post-war period.

Media Constrained by Context Aug 19 2021 This books draws a comparative balance of twenty years' international media assistance in the five countries of the Western Balkans. The central question was what happens to imported models when they are transposed onto the newly evolving media systems of transitional societies. Albania, Bosnia-Herzegovina, Kosovo, Macedonia and Serbia undertook a range of media reforms to conform with accession requirements of the European Union and the standards of the Council of Europe, among others. The essays explore the nexus between the democratic transformation of the media and international media assistance. The cross-national analysis concludes that the effects of international assistance are highly constrained by the local context. From today's vantage point it becomes obvious, that scaling media assistance does not necessarily improve outcomes. The experiences in the region suggest that imported solutions have not been very cognitive in all aspects of local conditions but international strategies tent to be rather schematic and lacked strategic approaches to promote media policy stability, credible media reform and implementation. The book offers valuable insights into the nature and effects of media assistance and the strategies deployed by international aid agencies, local political forces, media professionals, civil society organizations and other actors.

Komplexe Freiheit Oct 21 2021 Was kann Freiheit heute heißen? Ein soziologischer Blick auf Freiheit kann diese Frage nur vor dem Hintergrund der beiden fundamentalen Transformationen erörtern, denen sich gegenwärtige Gesellschaften ausgesetzt sehen: die Prozesse der Globalisierung und der Digitalisierung. Neue Begrenzungen von Freiheit durch Globalisierung und neue Entgrenzungen von Freiheit durch Digitalisierung setzen ambivalente und paradoxe Dynamiken in Gang, die zugleich eine Gefährdung der Demokratie darstellen. Nur eine Demokratie jedoch, die auch institutionell lernfähig ist und diese Lernfähigkeit zur Resilienz ausbaut, hat Chancen, politische Freiheit und damit auch die Freiheit des Individuums zu bewahren. Nicht weniger als die Zukunft der Freiheit hängt davon ab, dass eine Konzeption von Freiheit entwickelt wird, welche die gesellschaftlichen Umbrüche des 21. Jahrhunderts reflektiert und daraus die Aufforderung zum Widerstand gegen neue Tendenzen der Negation von Freiheit folgert.

Creating Sustainable Bioeconomies Mar 26 2022 The growing global demand for food, feed and bio-based renewable material is changing the conditions for agricultural production worldwide. At the same time, revolutionary achievements in the field of biosciences are contributing to a transition whereby bio-based alternatives for energy and materials are becoming more competitive. *Creating Sustainable Bioeconomies* explores the prospects for biosciences and how its innovation has the potential to help countries in the North (Europe) and the South (Africa) to move towards resource efficient agriculture and sustainable bioeconomies. Throughout the book, the situations of Europe and Sub-Saharan Africa will be compared and contrasted, and opportunities for mutual learning and collaboration are explored. The chapters have been written by high profile authors and deal with a wide range of issues affecting the development of bioeconomies on both continents. This book compares and contrasts the situations of these two regions as they endeavour to develop knowledge based bioeconomies. This volume is suitable for those who are interested in ecological economics, development economics and environmental economics. It also provides action plans assisting policy-makers in both areas to support the transition to knowledge based and sustainable bioeconomies.

Voice and Agency Mar 02 2020 Despite recent advances in important aspects of the lives of girls and women, pervasive challenges remain. These challenges reflect widespread deprivations and constraints and include epidemic levels of gender-based violence and discriminatory laws and norms that prevent women from owning property, being educated, and making meaningful decisions about their own lives--such as whether and when to marry or have children. These often violate their most basic rights and are magnified and multiplied by poverty and lack of education. This groundbreaking book distills vast data and hundreds of studies to shed new light on deprivations and constraints facing the voice and agency of women and girls worldwide, and on the associated costs for individuals, families, communities, and global development. The volume presents major new findings about the patterns of constraints and overlapping deprivations and focuses on several areas key to women's empowerment: freedom from violence, sexual and reproductive health and rights, ownership of land and housing, and voice and collective action. It highlights promising reforms and interventions from around the world and lays out an urgent agenda for governments, civil society, development agencies, and other stakeholders, including a call for greater investment in data and knowledge to benchmark progress.

2019 UPSC IAS/ IPS MAINS General Studies Solved Paper 3 (as per Word Limit) Aug 31 2022

Public Policies in Media and Information Literacy in Europe Jul 26 2019 *Public Policies in Media and Information Literacy in Europe* explores the current tensions in European countries as they attempt to tackle the transition to the digital age, providing a comparative and cross-cultural analysis of Media and Information Literacy (MIL) across Europe. This book takes a long-term perspective over the development of media education in Europe, and includes an appraisal of media, information, computer and digital literacies as they coalesce and diverge in the public debate over twenty-first-century skills. The contributors assess the various definitions of media and information literacy as a composite notion whose evolution as a cross-cultural phenomenon reveals various trends and influences in Europe. Throughout, this volume offers an in-depth coverage of MIL with all the different dimensions of policy-making, from legal frameworks to training, funding, evaluation and good practices. The authors propose modeling current MIL governance trends in Europe and conclude with a call for alternative and collective frames of research that they hope will influence policy-makers and other stakeholders, especially in terms of MIL governance. This collection is ideal for students and researchers of MIL, as well as policy makers, educators and associations interested in MIL in the digital age.

STPM Mathematics (T) Paper 3 Past Year and Intensive Revision Solution Oct 01 2022 STPM Paper 3 Past Year complete solution which sorted by years and Intensive Revision Solution and Model Paper

Environmental Law and Economics Jan 30 2020 This anthology discusses important issues surrounding environmental law and economics and provides an in-depth analysis of its use in legislation, regulation and legal adjudication from a neoclassical and behavioural law and economics perspective. Environmental issues raise a vast range of legal questions: to what extent is it justifiable to rely on markets and continued technological innovation, especially as it relates to present exploitation of scarce resources? Or is it necessary for the state to intervene? Regulatory instruments are available to create and maintain a more sustainable society: command and control regulations, restraints, Pigovian taxes, emission certificates, nudging policies, etc. If regulation in a certain legal field is necessary, which policies and methods will most effectively spur sustainable consumption and production in order to protect the environment while mitigating any potential negative impact on economic development? Since the related problems are often caused by scarcity of resources, economic analysis of law can offer remarkable insights for their resolution. Part I underlines the foundations of environmental law and economics. Part II analyses the effectiveness of economic instruments and regulations in environmental law. Part III is dedicated to the problems of climate change. Finally, Part IV focuses on tort and criminal law. The twenty-one chapters in this volume deliver insights into the multifaceted debate surrounding the use of economic instruments in environmental regulation in Europe.

MM Paper 3 Nov 02 2022

British librarianship and information work 2011-2015 Nov 09 2020 This is the latest in an important series of reviews going back to 1928. The book contains 28 chapters, written by experts in their field, and reviews developments in the principal aspects of British librarianship and information work in the years 2011-2015.

Energy Law and Economics Mar 14 2021 This book offers an edited volume for all readers who wish to gain an in-depth grasp of the economic analysis of recent developments in energy law and policy in Europe and the United States. In response to waning resources and heightened environmental awareness, many countries are now seeking to redefine their energy mix. Several energy sources are available: coal and oil, natural gas, and a variety of renewables. Yet which of them are capable of addressing core energy-related concerns? Reliability, security, affordability, fairness, and sustainability all have to be taken into account. Further, once a target mix has been identified, two challenges remain for legal scholars: what role does the law play in achieving a specified energy mix, and, how can the law best fulfill that role? The essential energy concerns are just as important in defining the way we shape our energy mix as they are in defining the mix itself. An example of current challenges in energy law and policy can be seen in the pursuit by the German and Swiss governments of the so-called "Energiewende" (energy transition). These policies are intended to enable the transition from a non-sustainable use of fossil and nuclear energy to a more sustainable approach based on renewable energies. On the one hand, the goal is to achieve a decarbonization of the energy economy by reducing the use of fossil energy sources such as petroleum, carbon and natural gas. On the other, and in response to the Fukushima nuclear accident, a phase out is intended to eliminate the dangers of nuclear technologies. Achieving these goals poses tremendous challenges for the two countries' energy policies – partly because the energy transition will not only affect energy production, but also energy consumption. From a Law and Economics perspective, a number of questions arise: to what extent is it justifiable to rely on markets and continued technological innovation, especially with regard to the present exploitation of scarce resources? To what extent is it necessary for states to intervene in energy markets? Regulatory instruments are available to create and maintain more sustainable societies: command and control regulations, restraints, Pigovian taxes, emission certificates, nudging policies, and more. If regulation in a certain legal field is necessary, which policies and methods will most effectively spur the sustainable consumption and production of energy in order to protect the environment while mitigating any potential negative impacts on economic development? Do neoclassical and behavioural economics provide us with a suitable framework for predicting the market's complex reactions to a changing energy policy? This book provides theoretical insights as well as empirical findings in order to answer these vital questions.

International Congress on Energy Efficiency and Energy Related Materials (ENEFM2013) Jun 24 2019 The International Congress on Energy Efficiency and Energy Related Materials (ENEFM2013) was held on 9-12 October, 2013. This three-day congress focused on the latest developments of sustainable energy technologies, materials for sustainable energy applications and environmental & economic perspectives of energy. These proceedings include 63 peer reviewed technical papers, submitted from leading academic and research institutions from over 23 countries, representing some of the most cutting edge research available. The papers included were presented at the congress in the following sessions: General Issues Wind Energy Solar Energy Nuclear Energy Biofuels and Bioenergy Energy Storage Energy Conservation and Efficiency Energy in Buildings Economical and Environmental Issues Environment Energy Requirements Economic Development Materials for Sustainable Energy Hydrogen Production and Storage Photovoltaic Cells Thermionic Converters Batteries and Superconductors Phase Change Materials Fuel Cells Superconductors

The Microgrid Revolution: Business Strategies for Next-Generation Electricity Sep 27 2019 What kinds (according to U.S. News & World Report) of clean electricity initiatives—ones that make sense on public policy and business strategy levels—could overcome the hurdles in shifting away from the entrenched electricity and petroleum-based transport industries in the United States? This book explores the tremendous opportunities of the new electricity revolution that looks to threaten the century-old business models of our existing power production infrastructure. • Synthesizes seemingly disparate concepts from the telecom and electricity industries with business strategy and policy and regulatory issues, allowing readers to see the tremendous opportunity at hand in clean electricity technologies • Describes a novel network topology for a next-generation electricity grid • Provides unique insights from the perspective of a chemical engineer who is also a faculty member of a business school and has served as a corporate strategy executive in the telecom industry

Russia and the New World Disorder Jul 18 2021 The Russian annexation of Crimea was one of the great strategic shocks of the past twenty-five years. For many in the West, Moscow's actions in early 2014 marked the end of illusions about cooperation, and the return to geopolitical and ideological confrontation. Russia, for so long a peripheral presence, had become the central actor in a new global drama. In this groundbreaking book, renowned scholar Bobo Lo analyzes the broader context of the crisis by examining the interplay between Russian foreign policy and an increasingly anarchic international environment. He argues that Moscow's approach to regional and

global affairs reflects the tension between two very different worlds—the perceptual and the actual. The Kremlin highlights the decline of the West, a resurgent Russia, and the emergence of a new multipolar order. But this idealized view is contradicted by a world disorder that challenges core assumptions about the dominance of great powers and the utility of military might. Its lesson is that only those states that embrace change will prosper in the twenty-first century. A Russia able to redefine itself as a modern power would exert a critical influence in many areas of international politics. But a Russia that rests on an outdated sense of entitlement may end up instead as one of the principal casualties of global transformation.

Uneven Citizenship: Minorities and Migrants in the Post-Yugoslav Space Jan 12 2021 This book focuses on the relations between citizenship and various manifestations of diversity, including, but not exclusively, ethnicity. Contributors address migrants and minorities in a novel and original way by adding the concept of ‘uneven citizenship’ to the debate surrounding the former Yugoslavian states. Referring to this ‘uneven citizenship’ concept, this book not only engages with exclusionary legal, political and social practices but also looks at other unanticipated or unaccounted for results of citizenship policies. Individual chapters address statuses, rights, and duties of refugees, internally displaced persons (IDPs), returnees, Roma, and ‘claimed co-ethnics’, as well as various interactions between dominant and non-dominant groups in the post-Yugoslav space. The particular focus is on ‘migrants and minorities’, as these are frequently overlapping categories in the post-Yugoslav context and indeed more generally. Not only is policy framework addressed, but also public understanding and the socio-historical developments which created legally and culturally stratified, transnationally marginalized, desired and claimed co-ethnics, and those less wanted, often on the margins of citizenship. This book was originally published as a special issue of *Ethnopolitics*.

Demokratie und Nachhaltigkeit Jun 28 2022 Demokratie und Nachhaltigkeit sind zwei wesentliche Themen moderner Gesellschaften. Dass diese Bereiche aber nicht nur einzeln wirken und bestehen, sondern eng miteinander verknüpft sind und sich wechselseitig beeinflussen, zeigt der vorliegende Sammelband. Die AutorInnen nähern sich den vielfältigen Verknüpfungen der Themenbereiche Demokratie und Nachhaltigkeit aus verschiedenen wissenschaftlichen Perspektiven, aus praktischer sowie aus theoretischer Sicht und stellen Fragen nach dem Zusammenhang demokratischer Systeme und der dort gelebten Nachhaltigkeit. Die Beiträge des Sammelbandes kommen damit dem gesteigerten Interesse an nachhaltigem Leben in allen Bereichen sowie an der Weiterentwicklung demokratischer Mitbestimmung entgegen und verknüpfen aktuelle wissenschaftliche Debatten rund um Demokratie und Nachhaltigkeit. Die AutorInnen vergleichen beispielsweise verschiedene Reformansätze demokratischer Systeme, diskutieren Erkenntnisse der Non-Profit-Forschung im Hinblick auf Nachhaltigkeit und arbeiten Möglichkeiten einer nachhaltigen Stadtentwicklung sowie Herausforderungen für ein nachhaltiges Bildungssystem heraus. Aktuelle Ereignisse und wissenschaftliche Debatten werden zusammengeführt, wissenschaftlich eingebettet und aus verschiedenen Perspektiven beleuchtet.

The European Labor Market and Technology Aug 07 2020 In recent years, rapid technological progress has led to a wholesale destruction of middle-level jobs and a substantial rise in income inequality. It could also bring an era of high structural unemployment. These impacts constitute a major challenge that cannot be ignored by policymakers. They affect the fundamentals of our labor market – and might severely shake the social structure and stability of our society. This new report examines the impacts of technology on the European labor market. The report documents that technological innovation brings not only immense benefits but also significant dislocations in the labor market by making many jobs redundant. HCSS calls upon policymakers to take the risks of job polarization, increased inequality and potentially high technological unemployment quite seriously and suggests some policy measures that could mitigate these risks. The study was conducted in the context of the TNO Strategy & Change program. To download the report, please click on the button on the right.

EU Neighbourhood Policy in the Maghreb Sep 19 2021 In light of their geographical proximity and crucial strategic importance, the European Union (EU) has long identified cooperation with the countries of the Mediterranean region a central priority of its external relations and has developed a complex set of policies and instruments. Yet, there is a certain academic consensus that EU external policies in the area did not live up to their original expectations, insofar as little progress was made to accomplish the proclaimed goals while the implementation of structural reforms proved to be extremely problematic. These deficiencies in EU Mediterranean policies are symptomatic of what is a greater challenge in EU external policy-making: the struggle for implementation. This book analyses the implementation of the European Neighbourhood Policy in the Mediterranean, focusing on specific programs financed under the European Neighbourhood Policy Instrument in the years before and after the Arab uprisings. Building on a comparative analysis of two Maghreb countries, Tunisia and Morocco, it provides an in-depth investigation on the role of domestic actors in constraining or providing points of opportunity for the implementation of the ENP. The book presents new empirical data and, by focusing on the role of local actors in the neighbouring countries, it offers interesting insights not only into the ENPI complex processes of implementation, but also on the challenges of the E U in the region and the state of relations with the Southern

neighbourhood. Through the prism of the European Neighbourhood Policy, the book provides a window into the internal politics and relevant issues of Maghreb countries. It will therefore be a valuable resource for students and scholars of European and Mediterranean Studies, as well as those interested in EU international relations.

The Arms Trade Treaty: A Commentary Jul 06 2020 The United Nations Arms Trade Treaty became binding international law in late 2014, and although the text of the treaty is a relatively concise framework for assessing whether to authorize or deny proposed conventional weapons transfers by States Parties, there exists controversy as to the meaning of certain key provisions. Furthermore, the treaty requires a national regulatory body to authorize proposed transfers of conventional weapons covered by the treaty, but does not detail how such a body should be established and how it should effectively function. The Arms Trade Treaty: A Commentary explains in detail each of the treaty provisions, the parameters for prohibitions or the denial of transfers, international cooperation and assistance, and implementation obligations and mechanisms. As states ratify and implement the Treaty over the next few years, the commentary provides invaluable guidance to government officials, commentators, and scholars on the meaning of its contentious provisions. This volume describes in detail which weapons are covered by the treaty and explains the different forms of transfer that the Arms Trade Treaty regulates. It covers international human rights, trade, disarmament, humanitarian law, criminal law, and state-to-state use of force, as well as the application of the treaty to non-state actors.