

# Mini Geo 2013 2014

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Algae and Sustainable Technologies - Atul Kumar Upadhyay 2020-11-09

Algal and sustainable technologies: Bioenergy, Nanotechnology and Green chemistry is an interdisciplinary overview of the world's major problems; water scarcity, clean environment and energy and their sustenance remedy measures using microalgae. It comprehensively presents

the way to tackle the socio-economic issues including food, feed, fuel, medicine and health and also entails the untapped potential of microalgae in environmental management, bioenergy solution and sustainable synthesis of pharmaceutical and nutraceutical products. This book basically emphasizes the success of algae as wonderful feed stocks of future and provides

upto date information and sustainable and recreational outlook towards degrading environment and energy crisis. Applicability of fast emerging algae based nanotechnology in bioremediation and production of nanoparticle (AuNP, AgNP etc) are beautifully described along with latest research and findings. Key features: The "waste to best to income" strategies are the main concern of the book and take the edge off the problem of pollution, energy and income. Elucidate the sustainable phycoremediation and nanoparticle functions as low cost approach for various ecosystem services. Information regarding pharmaceuticals, nutraceuticals and other algae based value added product synthesis and fate are comprehensively discussed. Knowledge resource, latest research, findings and prospects presented in an accessible manner for researchers, students, eminent scientists, entrepreneurs, professionals and policy maker.

### **Issues in Agribusiness and Agricultural**

**Economics: 2013 Edition** - 2013-05-01  
Issues in Agribusiness and Agricultural Economics: 2013 Edition is a ScholarlyEditions™ book that delivers timely, authoritative, and comprehensive information about Agricultural Economics. The editors have built Issues in Agribusiness and Agricultural Economics: 2013 Edition on the vast information databases of ScholarlyNews.™ You can expect the information about Agricultural Economics in this book to be deeper than what you can access anywhere else, as well as consistently reliable, authoritative, informed, and relevant. The content of Issues in Agribusiness and Agricultural Economics: 2013 Edition has been produced by the world's leading scientists, engineers, analysts, research institutions, and companies. All of the content is from peer-reviewed sources, and all of it is written, assembled, and edited by the editors at ScholarlyEditions™ and available exclusively from us. You now have a source you can cite

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**Global Environment Outlook - GEO-6: Healthy Planet, Healthy People** - UN

Environment 2019-05-31

Published to coincide with the Fourth United Nations Environmental Assembly, UN Environment's sixth Global Environment Outlook calls on decision makers to take bold and urgent action to address pressing environmental issues in order to protect the planet and human health. By bringing together hundreds of scientists, peer reviewers and collaborating institutions and partners, the GEO reports build on sound scientific knowledge to provide governments, local authorities, businesses and individual citizens with the information needed to guide societies to a truly sustainable world by 2050. GEO-6 outlines the current state of the environment, illustrates possible future environmental trends and analyses the

effectiveness of policies. This flagship report shows how governments can put us on the path to a truly sustainable future - emphasising that urgent and inclusive action is needed to achieve a healthy planet with healthy people. This title is also available as Open Access on Cambridge Core.

**Open Data and Energy Analytics** - Benedetto Nastasi 2020-06-25

Open data and policy implications coming from data-aware planning entail collection and pre- and postprocessing as operations of primary interest. Before these steps, making data available to people and their decision-makers is a crucial point. Referring to the relationship between data and energy, public administrations, governments, and research bodies are promoting the construction of reliable and robust datasets to pursue policies coherent with the Sustainable Development Goals, as well as to allow citizens to make informed choices. Energy engineers and planners must provide the

simplest and most robust tools to collect, process, and analyze data in order to offer solid data-based evidence for future projections in building, district, and regional systems planning. This Special Issue aims at providing the state-of-the-art on open-energy data analytics; its availability in the different contexts, i.e., country peculiarities; and its availability at different scales, i.e., building, district, and regional for data-aware planning and policy-making. For all the aforementioned reasons, we encourage researchers to share their original works on the field of open data and energy analytics. Topics of primary interest include but are not limited to the following: 1. Open data and energy sustainability; 2. Open data science and energy planning; 3. Open science and open governance for sustainable development goals; 4. Key performance indicators of data-aware energy modelling, planning, and policy; 5. Energy, water, and sustainability database for building, district, and regional systems; 6. Best practices

and case studies.

Proceedings of the 8th International Congress on Environmental Geotechnics Volume 3 -

Liangtong Zhan 2018-10-10

This book gathers selected papers presented at the 8th International Congress on Environmental Geotechnics (ICEG), held on October 28 - November 1, 2018 in Hangzhou, China. The theme of the congress is “Towards a Sustainable Geoenvironment”, which means meeting the needs of the present generation without compromising the ability of future generations to meet their own needs. Under this theme, the congress covers a broad range of topics and provides an excellent opportunity for academics, engineers, scientists, government officials, regulators, and planners to present, discuss and exchange notes on the latest advances and developments in the research and application of environmental geotechnics.

Geo-informatics in Sustainable Ecosystem and Society - Yichun Xie 2019-02-26

This book constitutes the refereed proceedings of the 6th International Conference on Geo-informatics in Sustainable Ecosystem and Society, GSES 2018, held in Handan, China, in September 2018. The 46 papers presented in this volume were carefully reviewed and selected from 153 submissions and focus on spatial data acquisition, processing and management, modeling and analysis, and recent applications in the context of building healthier ecology and resource management using advanced remote sensing technology and spatial data modeling and analysis.

Geospatial Technology for Water Resource Applications - Prashant K. Srivastava 2016-09-09

This book advances the scientific understanding, development, and application of geospatial technologies related to water resource management. It presents recent developments and applications specifically by utilizing new earth observation datasets such as TRMM/GPM, AMSR E/2, SMOS, SMAP and GCOM in

combination with GIS, artificial intelligence, and hybrid techniques. By linking geospatial techniques with new satellite missions for earth and environmental science, the book promotes the synergistic and multidisciplinary activities of scientists and users working in the field of hydrological sciences.

*2014 Crisis in Ukraine. Perspectives, Reflections, International Reverberations* - Karol Kujawa 2015-12-30

This book is a collective attempt to present a wide-ranging picture of international attitudes towards the events currently ongoing in Ukraine. As some experts have already tended to claim, in 2014 this post-Soviet state lying in the Eastern part of the European continent has become a scene of the most serious geopolitical standoff since the end of the Cold war. It would be in place here to remind a well-known clear-cut maxim, formulated by Zbigniew Brzeziński in late 1990s and concerning Ukraine's key role in shaping the Russian imperial self-identity:

“Without Ukraine Russia ceases to be a Eurasian empire”. So what may readers expect to find in this book? It has been divided into two parts, reflecting the perspectives on Ukrainian crisis: first, the perspective of Ukraine’s close neighbours from Central Eastern Europe and Turkey; second, the perspectives of the global players like the EU, the US or China. We hope that such a publication focused on the above-mentioned problems and embedded in the actual reality will be useful both for professionals in the field of political science, as well as for those who have an influence on the shape of the foreign policy.

Horticultural Reviews - Ian Warrington  
2017-12-18

Horticultural Reviews presents state-of-the-art reviews on topics in horticultural science and technology covering both basic and applied research. Topics covered include the horticulture of fruits, vegetables, nut crops, and ornamentals. These review articles, written by

world authorities, bridge the gap between the specialized researcher and the broader community of horticultural scientists and teachers.

**NCERT SUMMARY (CLASS VI-XII)** - Dr.  
Manish Rannjan (IAS) 2021-01-19

**Fungal Diseases in Animals** - Arti Gupta  
2021-06-22

The importance of fungal infections in both human and animals has increased over the last few decades. This book presents an overview of the different categories of fungal infections that can be encountered in animals (including lower vertebrates) originating from environmental sources with or without transmission to humans. In addition, the endemic infections with indirect transmission from the environment, the zoophilic fungal pathogens with near-direct transmission, the zoonotic fungi that can be directly transmitted from animals to humans, mycotoxicoses and antifungal resistance in

animals will also be discussed. This book includes case studies and reviews the current state of knowledge on the mechanism of fungal attraction, recognition, infection, extracellular hydrolytic enzymes and pathogenesis of nematophagous fungi. The book also covers diagnostics, fungal formulations, as well as prevention methods. It discusses strategies to access the fungal pathogen groups, metagenomic analyses, genomics, secretomics, metabolomics, proteomics and transcriptomics. In addition, pathogen description, understanding, distribution and recent research results are provided.

*Spacecraft Operations* - Thomas Uhlig  
2014-08-20

The book describes the basic concepts of spaceflight operations, for both, human and unmanned missions. The basic subsystems of a space vehicle are explained in dedicated chapters, the relationship of spacecraft design and the very unique space environment are laid

out. Flight dynamics are taught as well as ground segment requirements. Mission operations are divided into preparation including management aspects, execution and planning. Deep space missions and space robotic operations are included as special cases. The book is based on a course held at the German Space Operation Center (GSOC).

*Polyamines in Plant Biotechnology, Food Nutrition and Human Health* - Rubén Alcázar  
2020-03-24

**Mini-India** - Philipp Zehmisch 2018-02-15  
Often called 'Mini-India', the Andaman Islands have been a crucial site of encounter between different regimes, subjects, castes, creeds, languages, and ethnicities. Since 1858, subaltern convicts, refugees, repatriates, and labourers from South and Southeast Asia have moved to the islands, condemned to, or in search of a new life. While some migrants have achieved social mobility, others have remained

disenfranchised and marginalized. This ethnographic study of the Andaman settler society analyses various shades of inequality that arise from migrant communities' material and representational access to the state. The author employs the concept of subalternity to investigate political negotiations of island history, collective identity, ecological sustainability, and resource access. Interpreting characteristic views, practices, and voices of subaltern interlocutors, the author untangles their collective agency and consciousness in migration, settlement, and place-making processes. Further, the book highlights particular subaltern strategies in order to achieve autonomy and peaceful cohabitation through movement, cultural and social appropriation, and multi-layered methods of resistance.

Financial Cryptography and Data Security - Michael Brenner 2017-11-17

This book constitutes the refereed proceedings

of 5 workshops held at the 21st International Conference on Financial Cryptography and Data Security, FC 2017, in Sliema, Malta, in April 2017. The 39 full papers presented were carefully reviewed and selected from 96 submissions. They feature the outcome of the 5th Workshop on Encrypted Computing and Applied Homomorphic Cryptography, WAHC 2017, the 4th Workshop on Bitcoin and Blockchain Research, BITCOIN 2017, the Second Workshop on Secure Voting Systems, VOTING 2017, the First Workshop on Trusted Smart Contracts, WTSC 2017, and the First Workshop on Targeted Attacks, TA 2017. The papers are grouped in topical sections named: encrypted computing and applied homomorphic cryptography; bitcoin and blockchain research; advances in secure electronic voting schemes; trusted smart contracts; targeted attacks.

Optimization in the Natural Sciences - Alexander Plakhov 2015-06-10

This book constitutes the refereed proceedings

of the 30th Euro Mini-Conference, EmC-ONS 2014, held in Aveiro, Portugal, in February 2014. The 13 revised full papers presented were carefully reviewed and selected from 70 submissions. The papers are organized in topical sections on dynamical systems; optimization and applications; modeling and statistical techniques for data analysis.

*Managing Geo-Based Challenges* - Serwan M. J. Baban 2014-07-03

This book provides sound conceptual understanding of the current approach to management and decision making regarding geo-based challenges in developing countries that tend to suffer from information poverty and subjectivity and are reactive. The book also provides the necessary technical tools to energize research thinking and develop locally driven practical and sustainable solutions, ultimately moving management and decision making from being reactive to being proactive. This book fills a void as there are no published

books to show the way forward or to present real case studies for this purpose. Case studies that utilize new technologies and scientific thinking are presented for developing sustainable management options based either on producing local applied research or on utilising relevant international research. These case studies are based on the author's first-hand experiences in arid/semi-arid (Iraq, Tunisia, Morocco and Jordan), temperate (UK) and tropical environments (Malaysia, the Caribbean region, Indonesia and Australia).

**Design Considerations for Space Elevator Tether Climbers** - Cathy Swan 2014-04

The subject selected for this 2013 study is the Space Elevator Tether Climber. The objective of the one year study was to survey current concepts and technologies related to tether climbers, identify critical issues, questions, and concerns, assess their impact on the development of space elevators, and project towards the future. The following are a few of

the conclusions: - The study used the concept of "constant power" as a baseline because of its ability to lower design requirements on the tether climber. - The mass breakout of 6 MT for a climber and 14 MT for customer payloads seems feasible. The estimate is that with a travel time of one week to GEO seven tether climbers can be on a tether simultaneously. - The communication architecture should be integrated into the space elevator infrastructure and nodal layout. - Solar power, as the sole source, appears achievable. - The use of laser power as the sole source also seems achievable. India Migration Report 2014 - S. Irudaya Rajan 2015-08-12

India Migration Report 2014 is one of the first systematic studies on contribution of diasporas in development, in countries of origin as well as destination. This volume: examines how diasporic human and financial resources can be utilized for economic growth and sustainable development, especially in education and health;

offers critical insights on migrant experiences, transnationalism and philanthropic networks, and indigenization and diaspora policies, as well as return of diasporas; and includes case studies on Indian migrants in the Gulf region — in particular, Bahrain, Oman and Saudi Arabia — and the United Kingdom, among others. With essays by major contributors, the volume will interest scholars and researchers on economics, development studies, migration and diaspora studies, and sociology. It will also be useful to policy-makers and government institutions working in the area.

### **Attitude Dynamics and Control of Space Debris During Ion Beam Transportation -**

Vladimir Aslanov 2022-11-01

Attitude Dynamics and Control of Space Debris During Ion Beam Transportation provides an overview of the cutting-edge research around the topic of contactless ion beam transportation for the removal of space debris. This practical guide covers topics such as space debris attitude

motion, the motion of rigid materials in an inhomogeneous high-speed rarefied medium, gravity gradient torque, and more. The book examines and compares the various ways to control the spatial motion of space debris, such as engine thrust or altering the direction of the ion beam axis, and offers simple mathematical models for analyzing system behaviors. Provides insight on the features, advantages, and disadvantages of contactless ion beam transportation of space debris Demonstrates how classical mechanics, nonlinear and chaotic dynamics, and methods of stability theory are applied during the ion beam method Includes simple mathematical models describing the behavior of the considered mechanical system, allowing the reader to understand the nature of the studied phenomenon

**The New Domestic Automakers in the United States and Canada** - A.J. Jacobs

2015-12-16

This book provides a unique historical and

qualitative review of ten foreign automakers with plants in developed North America from their early beginnings to their export entry into North America. It seeks to expand the knowledge of American and Canadian policymakers pursuing a new foreign motor vehicle assembly plant or Foreign Direct Investment.

*Divine Programming* - Charlotte E. Howell

2020-03-02

From the mid-90s to the present, television drama with religious content has come to reflect the growing cultural divide between white middle-America and concentrated urban elites. As author Charlotte E. Howell argues in this book, by 2016, television narratives of white Christianity had become entirely disconnected from the religion they were meant to represent. Programming labeled 'family-friendly' became a euphemism for white, middlebrow America, and developing audience niches became increasingly significant to serial dramatic television. Utilizing

original case studies and interviews, Divine Programming investigates the development, writing, producing, marketing, and positioning of key series including 7th Heaven, Friday Night Lights, Rectify, Supernatural, Jane the Virgin, Daredevil, and Preacher. As this book shows, there has historically been a deep ambivalence among television production cultures regarding religion and Christianity more specifically. It illustrates how middle-American television audiences lost significance within the Hollywood television industry and how this in turn has informed and continues to inform television programming on a larger scale. In recent years, upscale audience niches have aligned with the perceived tastes of affluent, educated, multicultural, and-importantly-secular elites. As a result, the televised representation of white Christianity had to be othered, and shifted into the unreality of fantastic genres to appeal to niche audiences. To examine this effect, Howell looks at religious representation through four

approaches - establishment, distancing, displacement, and use - and looks at series across a variety of genres and outlets in order to provide varied analyses of each theme.

### **Hyperlocal Journalism and Digital**

**Disruptions** - Scott Downman 2017-10-02

At a time when digital technologies are impacting on the success and sustainability of traditional models of journalism, hyperlocal journalism seeks to restore journalistic integrity, build community, incite change and engage audiences. This book argues for the increased importance of these new forms of localized reporting in the digital age. Hyperlocal Journalism and Digital Disruptions begins with the fundamental question of what hyperlocal journalism is, then focuses on three case studies which illustrate its potential to thrive when the right balance is struck between audience engagement, investment and respect. Each case study examines a different start-up in Australia and New Zealand. Although the notion of

hyperlocal journalism is not new, the ways in which these regionalized stories are now being told has evolved. This book demonstrates the increased necessity for tailored approaches to creating and providing hyperlocal journalism in order to engage targeted audiences, meet their needs for news and reclaim authenticity and credibility for journalism. This is a valuable resource for researchers, academics, students and practitioners in the areas of Digital Journalism and Media Studies generally.

Politics and Politicians in Contemporary US Television - Betty Kaklamanidou 2016-10-04

Bringing together well-established scholars of media, political science, sociology, and film to investigate the representation of Washington politics on U.S. television from the mid-2000s to the present, this volume offers stimulating perspectives on the status of representations of contemporary US politics, the role of government and the machinations and intrigue often associated with politicians and

governmental institutions. The authors help to locate these representations both in the context of the history of earlier television shows that portrayed the political culture of Washington as well as within the current political culture transpiring both inside and outside of "The Beltway." With close attention to issues of gender, race and class and offering studies from contemporary quality television, including popular programmes such as *The West Wing*, *Veep*, *House of Cards*, *The Americans*, *The Good Wife* and *Scandal*, the authors examine the ways in which televisual representations reveal changing attitudes towards Washington culture, shedding light on the role of the media in framing the public's changing perception of politics and politicians. Exploring the new era in which television finds itself, with new production practices and the possible emergence of a new 'political genre' emerging, *Politics and Politicians in Contemporary U.S. Television* also considers the 'humanizing' of political

characters on television, asking what that representation of politicians as human beings says about the national political culture. A fascinating study that sits at the intersection of politics and television, this book will appeal to scholars of popular culture, sociology, cultural and media studies.

Space Law - Francis Lyall 2017-12-14

Francis Lyall and Paul B. Larsen have been involved in teaching and researching space law for over 50 years. This new edition of their well-received text gathers together their knowledge and experience in readable form, and covers developments in all space applications, including space tourism, telecommunications, the ITU and finance. With an extensive citation of the literature, the discussion provides an excellent source for both students and practitioners.

**Unmanned Aerial Remote Sensing** - David R. Green 2020-07-10

Unmanned Aircraft Systems (UAS) are a rapidly evolving technology with an expanding array of

diverse applications. In response to the continuing evolution of this technology, this book discusses unmanned aerial vehicles (UAVs) and similar systems, platforms and sensors, as well as exploring some of their environmental applications. It explains how they can be used for mapping, monitoring, and modeling a wide variety of different environmental aspects, and at the same time addresses some of the current constraints placed on realizing the potential use of the technology such as s flight duration and distance, safety, and the invasion of privacy etc. Features of the book: Provides necessary theoretical foundations for pertinent subject matter areas Introduces the role and value of UAVs for geographical data acquisition, and the ways to acquire and process the data Provides a synthesis of ongoing research and a focus on the use of technology for small-scale image and spatial data acquisition in an environmental context Written by experts of the technology who bring together UAS tools and resources for

the environmental specialist Unmanned Aerial Remote Sensing: UAS for Environmental Applications is an excellent resource for any practitioner utilizing remote sensing and other geospatial technologies for environmental applications, such as conservation, research, and planning. Students and academics in information science, environment and natural resources, geosciences, and geography, will likewise find this comprehensive book a useful and informative resource.

Fundamentals of Geoenvironmental Engineering

- Abdel-Mohsen Onsy Mohamed 2017-10-31

Fundamentals of Geoenvironmental Engineering: Understanding Soil, Water, and Pollutant Interaction and Transport examines soil-water-pollutant interaction, including physico-chemical processes that occur when soil is exposed to various contaminants. Soil characteristics relevant to remedial techniques are explored, providing foundations for the correct process selection. Built upon the

authors' extensive experience in research and practice, the book updates and expands the content to include current processes and pollutants. The book discusses propagation of soil pollution and soil characteristics relevant to remedial techniques. Practicing geotechnical and environmental engineers can apply the theory and case studies in the book directly to current projects. The book first discusses the stages of economic development and their connections to the sustainability of the environment. Subsequent chapters cover waste and its management, soil systems, soil-water and soil-pollutant interactions, subsurface transport of pollutants, role of groundwater, nano-, micro- and biologic pollutants, soil characteristics that impact pollution diffusion, and potential remediation processes like mechanical, electric, magnetic, hydraulic and dielectric permittivity of soils. Presents a clear understanding of the propagation of pollutants in soils Identifies the physico-chemical processes in soils Covers

emerging pollutants (nano-, micro- and biologic contaminants) Features in-depth coverage of hydraulic, electrical, magnetic and dielectric permittivity characteristics of soils and their impact on remedial technologies

The RRI Challenge - Blagovesta Nikolova  
2019-04-22

This book explores the prospects of innovation governance within the context of the growing uneasiness surrounding the effects, democratic deficits and overall societal adequacy of technological progress. There is a focus on the recently promoted notion of Responsible Research and Innovation (RRI), and some light is shed on the inevitable impediments of its meaningful implementation with respect to the normative structure of contemporary market societies. A particular matter of concern is the normative interlock between science and the market around the notion of neutrality, and the narrowing room for ethics reflexivity. The RRI Challenge outlines avenues for further

conceptualization so that RRI can fulfil its emancipatory potential as social critique. This involves challenging the current politico-economic framework of the knowledge-creation process, and re-examining key conceptual dyads in innovation governance such as: governance/government, hard law/soft law, risk/fault, uncertainty/indeterminacy and morality/ethics.

Annuaire Europeen / European Yearbook 2013 - Council of Europe 2014-12-17

The European Yearbook promotes the scientific study of nineteen European supranational organisations and the Organisation for Economic Co-operation and Development (OECD). Each volume contains a detailed survey of the history, structure and yearly activities of each organisation and an up-to-date chart providing a clear overview of the member states of each organisation. Each volume contains a comprehensive bibliography covering the year's relevant publications.

## **Delaware Code Annotated** - Delaware 1975

### Wissenschaftliches Arbeiten und Schreiben -

Valentin Ritschl 2016-08-11

In diesem Buch erhalten Studierende von pflege- und gesundheitsbezogenen Studiengängen einen umfassenden Überblick über die verschiedenen Forschungsmethoden in den Gesundheitswissenschaften. Das Autorenteam erklärt u.a. den grundsätzlichen Forschungsprozess, die ethischen und rechtlichen Besonderheiten klinischer Studien und die Entwicklung von Assessments. Lernen Sie wissenschaftliche Ergebnisse zu verstehen und richtig einzuordnen und profitieren Sie von den anwendungsbezogenen Tipps zur Planung und Erstellung eigener Forschungsarbeiten. So legen Sie den Grundstein für ein erfolgreiches Studium und den Einstieg ins evidenzbasierte Arbeiten.

*NCERT Summary (Class VI - XII) One Liner for UPSC/IAS Preparation, State Civil Services,*

*Competitive Examinations* - Dr. Manish Rannjan (IAS) 2021-07-29

The book is meant to be an all-inclusive text covering not just the target syllabus comprehensively but also facts for the exam. The book also provides comprehensive and depth analysis for comprehensive examination. This book effectively caters to the requirement of many competitive examinations, particularly UPSC, UPPSC, BPSC, JPSC, MPPSC and others. The book is largely divided into Indian History (Ancient India, Medieval India and Modern India), Art and Culture, World History, Geography (World Geography, Landforms, and Indian Geography), Environment and Ecology, Indian Polity and Constitution, Indian Economy, General Science (Physics, Chemistry, and Biology), Science and Technology which based on NCERT Books in different segments so that an aspirant can easily find out the desired information from it. NCERT Summary have been provided to give the aspirants a sense of

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direction and focus during the course of their study. In the selection of material, various competitive examinations have also been taken into consideration.

**Yearbook on Space Policy 2012/2013** - Cenan Al-Ekabi 2015-02-06

The Yearbook on Space Policy is the reference publication analyzing space policy developments. Each year it presents issues and trends in space policy and the space sector as a whole. Its scope is global and its perspective is European. The Yearbook also links space policy with other policy areas. It highlights specific events and issues, and provides useful insights, data and information on space activities. The Yearbook on Space Policy is edited by the European Space Policy Institute (ESPI) based in Vienna, Austria. It combines in-house research and contributions of members of the European Space Policy Research and Academic Network (ESPRAN), coordinated by ESPI. The Yearbook is designed for government decision-makers and

agencies, industry professionals, as well as the service sectors, researchers and scientists and the interested public.

**Seafloor Mapping of the Atlantic Ocean** - Pål Buhl-Mortensen 2021-09-27

**Design Considerations for the Space Elevator Apex Anchor and GEO Node** - Peter Swan 2017-06-07

The study team took on the challenge of expanding the "body of knowledge" pertaining to the Apex and Geosynchronous elements of the Space Elevator. A special effort was made to describe the elements in the context of an entire Space Elevator. The report complements and expands earlier ISEC Space Elevator reports on the Climber, Operations Concept, Architectures & Roadmaps, and Earth Port. To do so, we have established; 1. A robust set of definitions within the Geosynchronous and Apex Regions, and 2. The Strategic Approach to Architectural Development of a Space Elevator

**General Knowledge 2022** - Team Prabhat  
2021-01-19

GENERAL KNOWLEDGE 2021 (For All  
Competitive Examinations) • J&K AND LADAKH  
NEW MAP • INDIAN HISTORY • ART AND  
CULTURE • WORLD HISTORY • GEOGRAPHY •  
ENVIRONMENT AND ECOLOGY • INDIAN  
POLITY AND CONSTITUTION • INDIAN  
ECONOMY • SCIENCE • SCIENCE AND  
TECHNOLOGY • WORLD PANORAMA • INDIAN  
PANORAMA • BOOKS AND AUTHORS •  
AWARDS AND HONOURS • GAMES AND  
SPORTS • ABBREVIATIONS

**Sustaining Global Food Security** - Robert  
Zeigler 2019-10-09

Population growth alone dictates that global  
food supplies must increase by over 50% in  
coming decades. Advances in technology offer  
an array of opportunities to meet this demand,  
but history shows that these can be fully realised  
only within an enabling policy environment.  
Sustaining Global Food Security makes a

compelling case that recent technological  
breakthroughs can move the planet towards a  
secure and sustainable food supply only if new  
policies are designed that allow their full  
expression. Bob Zeigler has brought together a  
distinguished set of scientists and policy analysts  
to produce well-referenced chapters exploring  
international policies on genetic resources,  
molecular genetics, genetic engineering, crop  
breeding and protection, remote sensing, the  
changing landscape of agricultural policies in  
the world's largest countries, and trade. Those  
entering the agricultural sciences and those who  
aspire to influence public policy during their  
careers will benefit from the insights of this  
unique set of experiences and perspectives.

**The Routledge Companion to Digital  
Journalism Studies** - Bob Franklin 2016-11-18  
The Routledge Companion to Digital Journalism  
Studies offers an unprecedented collection of  
essays addressing the key issues and debates  
shaping the field of Digital Journalism Studies

today. Across the last decade, journalism has undergone many changes, which have driven scholars to reassess its most fundamental questions, and in the face of digital change, to ask again: 'Who is a journalist?' and 'What is journalism?'. This companion explores a developing scholarly agenda committed to understanding digital journalism and brings together the work of key scholars seeking to address key theoretical concerns and solve unique methodological riddles. Compiled of 58 original essays from distinguished academics across the globe, this Companion draws together the work of those making sense of this fundamental reconceptualization of journalism, and assesses its impacts on journalism's products, its practices, resources, and its relationship with audiences. It also outlines the challenge presented by studying digital journalism and, more importantly, offers a first set of answers. This collection is the very first of its kind to attempt to distinguish this emerging

field as a unique area of academic inquiry. Through identifying its core questions and presenting its fundamental debates, this Companion sets the agenda for years to come in defining this new field of study as Digital Journalism Studies, making it an essential point of reference for students and scholars of journalism.

**NexGen Technologies for Mining and Fuel Industries (Volume I and II)** - Pradeep K. Singh 2017-03-06

The papers in these two volumes were presented at the International Conference on "NexGen Technologies for Mining and Fuel Industries" [NxGnMiFu-2017] in New Delhi from February 15-17, 2017, organized by CSIR-Central Institute of Mining and Fuel Research, Dhanbad, India. The proceedings include the contributions from authors across the globe on the latest research on mining and fuel technologies. The major issues focused on are: Innovative Mining Technology, Rock Mechanics and Stability

Analysis, Advances in Explosives and Blasting, Mine Safety and Risk Management, Computer Simulation and Mine Automation, Natural Resource Management for Sustainable Development, Environmental Impacts and Remediation, Paste Fill Technology and Waste Utilisation, Fly Ash Management, Clean Coal Initiatives, Mineral Processing and Coal Beneficiation, Quality Coal for Power Generation and Conventional and Non-conventional Fuels and Gases. This collection of contemporary articles contains unique knowledge, case studies, ideas and insights, a must-have for researchers and engineers working in the areas of mining technologies and fuel sciences.

**Spatial Modeling and Assessment of Environmental Contaminants** - Pravat Kumar Shit 2021-02-05

This book demonstrates the measurement, monitoring and mapping of environmental contaminants in soil & sediment, surface & groundwater and atmosphere. This book

explores state-of-art techniques based on methodological and modeling in modern geospatial techniques specifically focusing on the recent trends in data mining techniques and robust modeling. It also presents modifications of and improvements to existing control technologies for remediation of environmental contaminants. In addition, it includes three separate sections on contaminants, risk assessment and remediation of different existing and emerging pollutants. It covers major topics such as: Radioactive Wastes, Solid and Hazardous Wastes, Heavy Metal Contaminants, Arsenic Contaminants, Microplastic Pollution, Microbiology of Soil and Sediments, Soil Salinity and Sodidity, Aquatic Ecotoxicity Assessment, Fluoride Contamination, Hydrochemistry, Geochemistry, Indoor Pollution and Human Health aspects. The content of this book will be of interest to researchers, professionals, and policymakers whose work involves environmental contaminants and related

solutions.