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KEY=VOL - NEWTON MARQUISE

Advanced Topics in Information Resources Management, Volume 1

IGI Global Advanced Topics in Information Resources Management features the latest research findings dealing with all aspects of information resources management, managerial and organizational applications, as well as implications of information technology organizations. It aims to be instrumental in the improvement and development of the theory and practice of information resources management, appealing to both practicing managers and academics.

Advanced Topics in End User Computing, Volume 3

IGI Global Advanced Topics in End User Computing features the latest research findings dealing with end user computing concepts, issues, and trends. Empirical and theoretical research concerned with all aspects of end user computing including development, utilization, and management are included. Volume three is specifically interested in those studies that show a significant contribution by relating end user computing to end user satisfaction, end user productivity, and strategic and competitive advantage. *Note: This book is part of a new series entitled "Advanced Topics in End User Computing". This book is Volume Three within this series (Vol. III, 2004).

Advanced Topics in Global Information Management

IGI Global Advanced Topics in Global Information Management includes original material concerned with all aspects of global information management in three broad areas: Global Information Systems in Business Functions, Information Technology in Specific Regions of the World, Management of Global Information Resources and Applications. Both researchers and practitioners disseminate the evolving knowledge in these broad categories and the book examines a variety of aspects of global information management dealing with development, usage, failure, success, policies, strategies and applications of this valuable organizational resources.

Managing Information Technology Resources in Organizations in the Next Millennium

1999 Information Resources Management Association
International Conference, Hershey, PA, USA, May 16-19,

1999

IGI Global Managing Information Technology Resources in Organizations in the Next Millennium contains more than 200 unique perspectives on numerous timely issues of managing information technology in organizations around the world. This book, featuring the latest research and applied IT practices, is a valuable source in support of teaching and research agendas.

Issues & Trends of Information Technology Management in Contemporary Organizations

IGI Global As the field of information technology continues to grow and expand, it impacts more and more organizations worldwide. The leaders within these organizations are challenged on a continuous basis to develop and implement programs that successfully apply information technology applications. This is a collection of unique perspectives on the issues surrounding IT in organizations and the ways in which these issues are addressed. This valuable book is a compilation of the latest research in the area of IT utilization and management.

Advanced Topics in Information Resources Management, Volume 5

IGI Global Advanced Topics in Information Resources Management is a series of books that features the most current research findings in all aspects of information resources management. From successfully implementing technology change to understanding the human factors in IT utilization, these volumes address many of the managerial and organizational applications and implications of information technology in organizations. Advanced Topics in Information Resources Management, Volume 5 is a part of this series. Advanced Topics in Information Resources Management, Volume 5 provides information technology researchers, scholars, educators, and practicing managers with the latest research on managing the technological, organizational, and human aspects of information utilization and management. This volume presents current trends and challenges in implementing and strengthening information resources strategies in organizations worldwide.

Advanced Topics in End User Computing

IGI Global Advanced Topics in End User Computing features the latest research findings dealing with end user computing concepts, issues, and trends. It provides a forum to both academics and information technology practitioners to advance the practice and understanding of end user computing in organizations. Empirical and theoretical research concerned with all aspects of end user computing including development, utilization and management are included.

Advanced Topics in Global Information Management, Volume 1

IGI Global Advanced Topics in Global Information Management includes original material concerned with all aspects of global information management in three broad areas: Global Information Systems in Business Functions, Information Technology in Specific Regions of the World, Management of Global Information Resources and Applications. Both researchers and practitioners disseminate the evolving knowledge in these broad categories and the book examines a variety of aspects of global information management dealing with development, usage, failure, success, policies, strategies and applications of this valuable organizational resources.

E-commerce and Cultural Values

IGI Global There is substantial interest in research in developing countries, especially in the use, implementation and development of information technology and systems. Many researchers have been moving toward an understanding of indigenous social and cultural structures and how they influence the use and development of information systems. E-Commerce and Cultural Values addresses these issues and brings together scholars to share their expertise on different aspects of the social side of e-Commerce and information systems and how they impact the cultural values of a society.

Advanced Topics in End User Computing, Volume 1

IGI Global Advanced Topics in End User Computing features the latest research findings dealing with end user computing concepts, issues, and trends. It provides a forum to both academics and information technology practitioners to advance the practice and understanding of end user computing in organizations. Empirical and theoretical research concerned with all aspects of end user computing including development, utilization and management are included.

Successful Software Reengineering

IGI Global Software process reengineering has become highly visible over the past several years. Efforts are being undertaken by organizations of all types and sizes as they attempt to deal with the challenges of quality, complexity and competitiveness. As an emerging technology, the effectiveness and potential impact of process improvement efforts have been debated, but not fully tested or validated. At the very core of this technological evolution is the idea that the quality of a software product is highly dependent on the quality of the process used for its development. Successful Software Reengineering examines the most recent theories, models, approaches and processes involved with the concept of software improvement and reengineering.

Managing Volunteers in Tourism

Routledge Recent years have seen an explosion in research on tourism volunteering. Volunteers are an essential part of tourism, whether they are volunteering in their local museum, at a sporting mega-event, as an airport ambassador, or travelling the global as a volunteer tourist. Managing Volunteers in Tourism reviews the latest research to highlight the key management issues and relate them to the tourism volunteering context. It includes previously under-researched forms of tourism volunteering such as meet-and-greeters, surf life-savers, conservation, festival, and information centre volunteers and volunTourists. The book develops through three distinct sections, the first of which begins by introducing the concept of volunteering and considering the variety of volunteer forms and settings within tourism. The next part picks up the organisational approach and examines volunteer program design and planning, volunteer motivation, recruitment and selection, training and development, reward and retention, and diversity management. The final part consists of ten case studies from leading international researchers and practitioners identifying best practice and key management challenges. Real-life examples and case studies throughout this book provide an in-depth examination

of the challenges facing those managing tourism volunteers, making this book indispensable for current and future managers in the tourism industry.

Range and Animal Sciences and Resources Management - Volume I

EOLSS Publications Range and Animal Sciences and Resources Management is a component of Encyclopedia of Food and Agricultural Sciences, Engineering and Technology Resources in the global Encyclopedia of Life Support Systems (EOLSS), which is an integrated compendium of twenty one Encyclopedias. Rangelands comprise over forty percent of the earth's land surface and, as one of the most prevalent land systems on the planet, rangelands are critical habitats for myriad plant and animal species and form many of the world's major watersheds Rangelands are categorized in two distinct ways: (a) as a type of land or (b) a type of (land) use. This theme with contributions from distinguished experts in the field discusses about Range and Animal Sciences and Resources Management in several related topics. These two volumes are aimed at the following five major target audiences: University and College students Educators, Professional practitioners, Research personnel and Policy analysts, managers, and decision makers and NGOs.

Resources in Education

ICICKM2014-Proceedings of the 11th International Conference on Intellectual Capital, Knowledge Management and Organisational Learning

ICICKM2014

Academic Conferences Limited These proceedings represent the work of researchers participating in the 11th International Conference on Intellectual Capital, Knowledge Management & Organisational Learning - ICICKM 2014, which this year is being held at The University of Sydney Business School, The University of Sydney, Australia. The Conference Co-Chairs are Dr John Dumay from Macquarie University, Sydney, Australia and Dr Gary Oliver from the University of Sydney, Australia. The conference will be opened with a keynote by Goran Roos, Advanced Manufacturing Council, Adelaide, Australia who will address the topic of "Intellectual capital in Australia: Economic development in a high cost economy." The second day will be opened with a from James Guthrie, University of Sydney, Australia on the topic of "Intellectual Capital and the Public Sector Research: Past, Present, and Future."

Biodiversity Conservation and Habitat Management - Volume II

EOLSS Publications Biodiversity Conservation and Habitat Management is a component of Encyclopedia of Natural Resources Policy and Management in the global Encyclopedia of Life Support Systems (EOLSS), which is an integrated compendium of twenty one Encyclopedias. Biodiversity is declining worldwide at a very unprecedented rate as a complex response to several human-induced changes in the global environment. The magnitude of these changes is so large and their effects are so strongly linked to the altered ecosystem processes and to human (ab-)use of natural resources that biodiversity loss is today perceived as one of the most important issues that humankind should face with extreme urgency. Disseminating information, raising awareness, and propelling concern within a diversified target audience (general public, schools, local authorities, and government agencies) are also essential to develop shared responsibility and to encourage collaborative efforts and compliance. This has been the main objective of "Biodiversity Conservation and Habitat Management". The Theme on Biodiversity Conservation and Habitat Management provides the essential aspects and a myriad of issues of great relevance to our world in eight major topics of discussion, and is focused on 1) History and Overview of Biodiversity Conservation and Protected Areas, 2) Management of Forests and other Wooded Habitats, 3) Management of Savannahs and Other Open Habitats, 4) Management of Wetlands, 5) Management of Tourism and Human Recreation Pressure, 6) Conservation Strategies, Species Action Plans and Translocation, 7) Captive Breeding and Gene Banks, and 8) Eradication and Control

of Invasive Species. These two volumes are aimed at the following five major target audiences: University and College students Educators, Professional practitioners, Research personnel and Policy analysts, managers, and decision makers and NGOs.

Management

Water Related Education, Training and Technology Transfer

EOLSS Publications Water Related Education, Training and Technology Transfer is a component of Encyclopedia of Water Sciences, Engineering and Technology Resources in the global Encyclopedia of Life Support Systems (EOLSS), which is an integrated compendium of twenty one Encyclopedias. Learning processes offer knowledge, skills, and competencies to the individual through different methods of education and training. The learning society and the concept of lifelong learning form the basis for the so-called “knowledge-based” economy. Since water resources development and management are an essential part of this economy, education, training, and transfer of technology for water resources should be seen as important aspects of societal policies for a sustainable future. This book starts with a little history, and introduces several issues related to water resources in the learning environment. What does the water profession expect from education? We must consider the methods and tools used the need to match demand and supply, and quality assessment of education and training. Transfer of technology to close the technology gap between countries can only be effective if an enabling learning environment exists. Capacity building must ensure that this environment is sustainable. This volume is aimed at the following five major target audiences: University and College students Educators, Professional practitioners, Research personnel and Policy analysts, managers, and decision makers and NGOs.

Rheology - Volume II

EOLSS Publications Rheology is a component of Encyclopedia of Chemical Sciences, Engineering and Technology Resources in the global Encyclopedia of Life Support Systems (EOLSS), which is an integrated compendium of twenty Encyclopedias. Rheology is the study of the flow of matter. It is classified as a physics discipline and focuses on substances that do not maintain a constant viscosity

or state of flow. That can involve liquids, soft solids and solids that are under conditions that cause them to flow. It applies to substances which have a complex molecular structure, such as muds, sludges, suspensions, polymers and other glass formers, as well as many foods and additives, bodily fluids and other biological materials. The theme on Rheology focuses on five main areas, namely, basic concepts of rheology; rheometry; rheological materials, rheological processes and theoretical rheology. Of course, many of the chapters contain material from more than one general area. Rheology is an interdisciplinary subject which embraces many aspects of mathematics, physics, chemistry, engineering and biology. These two volumes are aimed at the following five major target audiences: University and College students Educators, Professional practitioners, Research personnel and Policy analysts, managers, and decision makers and NGOs.

Natural Disasters - Volume I

EOLSS Publications Natural Disasters theme in two volumes is a component of Encyclopedia of Earth and Atmospheric Sciences in the global Encyclopedia of Life Support Systems (EOLSS), which is an integrated compendium of twenty one Encyclopedias. Natural hazards arise unexpectedly, without any discernible regularity, and leave an indelible trace in nature, sometimes for many decades to come. At present they are appreciably complicated by anthropogenic influence, lending them an adverse and often catastrophic character. The susceptibility of a society to the impact of natural disasters is conditioned by the natural environment, and the vulnerability of the society to such phenomena is historically associated with the type of the nature management. Natural disasters can be of geological and hydrometeorological origin; the specific group of such phenomena is presented by natural disasters in mountains. This volume deals with the natural disaster and covers several topics, with a myriad of issues of great relevance to our world such as: Geological Catastrophes; Climate-Related Hazards; Mountain Disasters and Snow Avalanches, which are then expanded into multiple subtopics, each as a chapter. These two volumes are aimed at the following five major target audiences: University and College Students Educators, Professional Practitioners, Research Personnel and Policy Analysts, Managers, and Decision Makers, NGOs and GOs.

MEDICAL AND HEALTH SCIENCES - Volume XVII

EOLSS Publications Medical and Health Sciences is a component of Encyclopedia of Biological, Physiological and Health Sciences in the global Encyclopedia of Life Support Systems (EOLSS), which is an integrated compendium of twenty one Encyclopedias. These volume

set contains several chapters, each of size 5000-30000 words, with perspectives, applications and extensive illustrations. It carries state-of-the-art knowledge in the fields of Medical and Health Sciences and is aimed, by virtue of the several applications, at the following five major target audiences: University and College Students, Educators, Professional Practitioners, Research Personnel and Policy Analysts, Managers, and Decision Makers and NGOs.

MEDICAL AND HEALTH SCIENCES - Volume VI

EOLSS Publications Medical and Health Sciences is a component of Encyclopedia of Biological, Physiological and Health Sciences in the global Encyclopedia of Life Support Systems (EOLSS), which is an integrated compendium of twenty one Encyclopedias. These volume set contains several chapters, each of size 5000-30000 words, with perspectives, applications and extensive illustrations. It carries state-of-the-art knowledge in the fields of Medical and Health Sciences and is aimed, by virtue of the several applications, at the following five major target audiences: University and College Students, Educators, Professional Practitioners, Research Personnel and Policy Analysts, Managers, and Decision Makers and NGOs.

MEDICAL AND HEALTH SCIENCES - Volume II

EOLSS Publications Medical and Health Sciences is a component of Encyclopedia of Biological, Physiological and Health Sciences in the global Encyclopedia of Life Support Systems (EOLSS), which is an integrated compendium of twenty one Encyclopedias. These volume set contains several chapters, each of size 5000-30000 words, with perspectives, applications and extensive illustrations. It carries state-of-the-art knowledge in the fields of Medical and Health Sciences and is aimed, by virtue of the several applications, at the following five major target audiences: University and College Students, Educators, Professional Practitioners, Research Personnel and Policy Analysts, Managers, and Decision Makers and NGOs.

Soils, Plant Growth and Crop Production - Volume II

EOLSS Publications Soils, Plant Growth and Crop Production is a component of Encyclopedia of Food and Agricultural Sciences, Engineering and Technology Resources in the global Encyclopedia of Life Support Systems (EOLSS), which is an integrated compendium of twenty Encyclopedias. Plants, and crops in particular, grow and develop through the uptake of water and nutrients by

the root system in soils and their transformation into biomass through processes governed by photosynthesis. The quality and amount of products harvested from this biomass depend largely on the intrinsic properties of the soil, i.e. the moisture and nutrients made available for uptake by the roots. These volumes describe in a synthetic form the impact of the most important soil properties on general agronomy, crop production, cultivation methods, and yields, including the specific management aspects which take away some production constraints. Changes in general agronomy as a result of plant breeding, climatic change and competition between newly introduced crops are discussed. The three volumes with contributions from distinguished experts in the field discusses about soils, plant growth and crop production in several related topics. These volumes are aimed at the following five major target audiences: University and College students Educators, Professional practitioners, Research personnel and Policy analysts, managers, and decision makers and NGOs.

Chemical Engineering and Chemical Process Technology - Volume II

Unit Operations – Fluids and Solids

EOLSS Publications Chemical Engineering and Chemical Process Technology is a theme component of Encyclopedia of Chemical Sciences, Engineering and Technology Resources in the global Encyclopedia of Life Support Systems (EOLSS), which is an integrated compendium of twenty Encyclopedias. Chemical engineering is a branch of engineering, dealing with processes in which materials undergo changes in their physical or chemical state. These changes may concern size, energy content, composition and/or other application properties. Chemical engineering deals with many processes belonging to chemical industry or related industries (petrochemical, metallurgical, food, pharmaceutical, fine chemicals, coatings and colors, renewable raw materials, biotechnological, etc.), and finds application in manufacturing of such products as acids, alkalis, salts, fuels, fertilizers, crop protection agents, ceramics, glass, paper, colors, dyestuffs, plastics, cosmetics, vitamins and many others. It also plays significant role in environmental protection, biotechnology, nanotechnology, energy production and sustainable economical development. The Theme on Chemical Engineering and Chemical Process Technology deals, in five volumes and covers several topics such as: Fundamentals of Chemical Engineering; Unit Operations – Fluids; Unit Operations – Solids; Chemical Reaction Engineering; Process Development, Modeling, Optimization and Control; Process Management; The Future of Chemical Engineering; Chemical Engineering Education; Main Products, which are then

expanded into multiple subtopics, each as a chapter. These five volumes are aimed at the following five major target audiences: University and College students Educators, Professional practitioners, Research personnel and Policy analysts, managers, and decision makers and NGOs.

PEACE STUDIES, PUBLIC POLICY AND GLOBAL SECURITY – Volume X

EOLSS Publications Peace Studies, Public Policy and Global Security is a component of Encyclopedia of Social Sciences and Humanities in the global Encyclopedia of Life Support Systems (EOLSS), which is an integrated compendium of twenty one Encyclopedias. The Theme on Peace Studies, Public Policy and Global Security provides the essential aspects and a myriad of issues of great relevance to our world such as: Processes of Peace and Security; International Security, Peace, Development, and Environment; Security Threats, Challenges, Vulnerability and Risks; Sustainable Food and Water Security; World Economic Order. This 11-volume set contains several chapters, each of size 5000-30000 words, with perspectives, issues on Peace studies, Public Policy and Global security. These volumes are aimed at the following five major target audiences: University and College students Educators, Professional practitioners, Research personnel and Policy analysts, managers, and decision makers and NGOs.

PEACE STUDIES, PUBLIC POLICY AND GLOBAL SECURITY – Volume VII

EOLSS Publications Peace Studies, Public Policy and Global Security is a component of Encyclopedia of Social Sciences and Humanities in the global Encyclopedia of Life Support Systems (EOLSS), which is an integrated compendium of twenty one Encyclopedias. The Theme on Peace Studies, Public Policy and Global Security provides the essential aspects and a myriad of issues of great relevance to our world such as: Processes of Peace and Security; International Security, Peace, Development, and Environment; Security Threats, Challenges, Vulnerability and Risks; Sustainable Food and Water Security; World Economic Order. This 11-volume set contains several chapters, each of size 5000-30000 words, with perspectives, issues on Peace studies, Public Policy and Global security. These volumes are aimed at the following five major target audiences: University and College students Educators, Professional practitioners, Research

personnel and Policy analysts, managers, and decision makers and NGOs.

PEACE STUDIES, PUBLIC POLICY AND GLOBAL SECURITY – Volume XI

EOLSS Publications Peace Studies, Public Policy and Global Security is a component of Encyclopedia of Social Sciences and Humanities in the global Encyclopedia of Life Support Systems (EOLSS), which is an integrated compendium of twenty one Encyclopedias. The Theme on Peace Studies, Public Policy and Global Security provides the essential aspects and a myriad of issues of great relevance to our world such as: Processes of Peace and Security; International Security, Peace, Development, and Environment; Security Threats, Challenges, Vulnerability and Risks; Sustainable Food and Water Security; World Economic Order. This 11-volume set contains several chapters, each of size 5000-30000 words, with perspectives, issues on Peace studies, Public Policy and Global security. These volumes are aimed at the following five major target audiences: University and College students Educators, Professional practitioners, Research personnel and Policy analysts, managers, and decision makers and NGOs.

Challenges in Volunteer Management

IAP Volunteer management has many challenges, not the least of which is how we study it and view it. Academics examine it from a variety of disciplines and practitioners experience it in a variety of contexts. However both approaches have limitations. In academia we go to public administration schools to learn about public and nonprofit management, to business schools to apply the principles of private enterprise to nonprofit management, to sociology departments to study the phenomena of volunteerism, to psychology departments to understand the motives of volunteers, and economics departments to examine the value or economic worth of volunteerism. The liability of the academic approach is the segmentation of study and research into departmental areas. The study of volunteers and volunteerism needs to cross all of these organizational and discipline boundaries to be fully appreciated and understood as a field of interest. In contrast, practitioners view volunteer management from their own unique experiences. They try to gauge success in volunteer management based on what they have encountered in particular organizations, towns, cultures, and countries in which they work. As important as these insights are, they are difficult to generalize beyond local settings. Just because an individual has been successful in working with volunteers, it does not mean that the lessons learned in one situation can be translated

to others under all conditions. The target audience for this volume is anyone who manages volunteers. The goal of the volume is to demonstrate the breadth of thought on volunteer management, both across disciplines and a wide range of settings in which volunteers work.

Tropical Biology and Conservation Management - Volume I

Natural History of Tropical Plants

EOLSS Publications This Encyclopedia of Tropical Biology and Conservation Management is a component of the global Encyclopedia of Life Support Systems (EOLSS), which is an integrated compendium of twenty one Encyclopedias. Tropical environments cover the most part of still preserved natural areas of the Earth. The greatest biodiversity, as in terms of animals and plants, as microorganisms, is placed in these hot and rainy ecosystems spread up and below the Equator line. Additionally, the most part of food products, with vegetal or animal origin, that sustain nowadays human beings is direct or undirected dependent of tropical productivity. Biodiversity should be looked at and evaluated not only in terms of numbers of species, but also in terms of the diversity of interactions among distinct organisms that it maintains. In this sense, the complexity of web structure in tropical systems is a promise of future to nature preservation on Earth. In the chemicals of tropical plant and animals, could be the cure to infinite number of diseases, new food sources, and who knows what more. Despite these facts tropical areas have been exploited in an irresponsible way for more than 500 years due the lack of an ecological conscience of men. Exactly in the same way we did with temperate areas and also tropical areas in the north of Equator line. Nowadays, is estimated that due human exploitation, nation conflicts and social problems, less than 8% of tropical nature inside continental areas is still now untouchable. The extension of damage in the tropical areas of oceans is unknown. Thus so, all knowledge we could accumulate about tropical systems will help us, as in the preservations of these important and threatened ecosystems as in a future recuperation, when it was possible. Only knowing the past and developing culture, mainly that directed to peace, to a better relationship among nations and responsible use and preservation of natural resources, human beings will have a long future on Earth. These volumes, Tropical Biology and Natural Resources was divided in sessions to provide the reader the better comprehension possible of issue and also to enable future complementation and improvements in the encyclopedia. Like we work with life, we intended to transform this encyclopedia also in a “life” volume, in what new information could be added in any

time. As president of the encyclopedia and main editor I opened the theme with an article titled: “Tropical Biology and Natural resources: Historical Pathways and Perspectives”, providing the reader an initial view of the origins of human knowledge about the tropical life, and what we hope to the future. In the sequence we have more than 100 chapters distributed in ten sessions: Tropical Ecology (TE); Tropical Botany (TB); Tropical Zoology (TZ); Savannah Ecosystems (SE); Desert Ecosystems (DE); Tropical Agriculture (TA); Natural History of Tropical Plants (NH); Human Impact on Tropical Ecosystems (HI); Tropical Phytopathology and Entomology (TPE); Case Studies (CS). This 11-volume set contains several chapters, each of size 5000-30000 words, with perspectives, applications and extensive illustrations. It is the only publication of its kind carrying state-of-the-art knowledge in the fields of Tropical Biology and Conservation Management and is aimed, by virtue of the several applications, at the following five major target audiences: University and College Students, Educators, Professional Practitioners, Research Personnel and Policy Analysts, Managers, and Decision Makers and NGOs.

Tropical Biology and Conservation Management - Volume IV Botany

EOLSS Publications This Encyclopedia of Tropical Biology and Conservation Management is a component of the global Encyclopedia of Life Support Systems (EOLSS), which is an integrated compendium of twenty one Encyclopedias. Tropical environments cover the most part of still preserved natural areas of the Earth. The greatest biodiversity, as in terms of animals and plants, as microorganisms, is placed in these hot and rainy ecosystems spread up and below the Equator line. Additionally, the most part of food products, with vegetal or animal origin, that sustain nowadays human beings is direct or undirected dependent of tropical productivity. Biodiversity should be looked at and evaluated not only in terms of numbers of species, but also in terms of the diversity of interactions among distinct organisms that it maintains. In this sense, the complexity of web structure in tropical systems is a promise of future to nature preservation on Earth. In the chemicals of tropical plant and animals, could be the cure to infinite number of diseases, new food sources, and who knows what more. Despite these facts tropical areas have been exploited in an irresponsible way for more than 500 years due the lack of an ecological conscience of men. Exactly in the same way we did with temperate areas and also tropical areas in the north of Equator line. Nowadays, is estimated that due human exploitation, nation conflicts and social problems, less than 8% of

tropical nature inside continental areas is still now untouchable. The extension of damage in the tropical areas of oceans is unknown. Thus so, all knowledge we could accumulate about tropical systems will help us, as in the preservations of these important and threatened ecosystems as in a future recuperation, when it was possible. Only knowing the past and developing culture, mainly that directed to peace, to a better relationship among nations and responsible use and preservation of natural resources, human beings will have a long future on Earth. These volumes, Tropical Biology and Natural Resources was divided in sessions to provide the reader the better comprehension possible of issue and also to enable future complementation and improvements in the encyclopedia. Like we work with life, we intended to transform this encyclopedia also in a "life" volume, in what new information could be added in any time. As president of the encyclopedia and main editor I opened the theme with an article titled: "Tropical Biology and Natural resources: Historical Pathways and Perspectives", providing the reader an initial view of the origins of human knowledge about the tropical life, and what we hope to the future. In the sequence we have more than 100 chapters distributed in ten sessions: Tropical Ecology (TE); Tropical Botany (TB); Tropical Zoology (TZ); Savannah Ecosystems (SE); Desert Ecosystems (DE); Tropical Agriculture (TA); Natural History of Tropical Plants (NH); Human Impact on Tropical Ecosystems (HI); Tropical Phytopathology and Entomology (TPE); Case Studies (CS). This 11-volume set contains several chapters, each of size 5000-30000 words, with perspectives, applications and extensive illustrations. It is the only publication of its kind carrying state-of-the-art knowledge in the fields of Tropical Biology and Conservation Management and is aimed, by virtue of the several applications, at the following five major target audiences: University and College Students, Educators, Professional Practitioners, Research Personnel and Policy Analysts, Managers, and Decision Makers and NGOs.

Tropical Biology and Conservation Management - Volume X Savanna Ecosystems

EOLSS Publications This Encyclopedia of Tropical Biology and Conservation Management is a component of the global Encyclopedia of Life Support Systems (EOLSS), which is an integrated compendium of twenty one Encyclopedias. Tropical environments cover the most part of still preserved natural areas of the Earth. The greatest biodiversity, as in terms of animals and plants, as microorganisms, is placed in these hot and rainy ecosystems spread up and below the Equator line. Additionally, the most part of food products, with

vegetal or animal origin, that sustain nowadays human beings is direct or undirected dependent of tropical productivity. Biodiversity should be looked at and evaluated not only in terms of numbers of species, but also in terms of the diversity of interactions among distinct organisms that it maintains. In this sense, the complexity of web structure in tropical systems is a promise of future to nature preservation on Earth. In the chemicals of tropical plant and animals, could be the cure to infinite number of diseases, new food sources, and who knows what more. Despite these facts tropical areas have been exploited in an irresponsible way for more than 500 years due the lack of an ecological conscience of men. Exactly in the same way we did with temperate areas and also tropical areas in the north of Equator line. Nowadays, is estimated that due human exploitation, nation conflicts and social problems, less than 8% of tropical nature inside continental areas is still now untouchable. The extension of damage in the tropical areas of oceans is unknown. Thus so, all knowledge we could accumulate about tropical systems will help us, as in the preservations of these important and threatened ecosystems as in a future recuperation, when it was possible. Only knowing the past and developing culture, mainly that directed to peace, to a better relationship among nations and responsible use and preservation of natural resources, human beings will have a long future on Earth. These volumes, Tropical Biology and Natural Resources was divided in sessions to provide the reader the better comprehension possible of issue and also to enable future complementation and improvements in the encyclopedia. Like we work with life, we intended to transform this encyclopedia also in a "life" volume, in what new information could be added in any time. As president of the encyclopedia and main editor I opened the theme with an article titled: "Tropical Biology and Natural resources: Historical Pathways and Perspectives", providing the reader an initial view of the origins of human knowledge about the tropical life, and what we hope to the future. In the sequence we have more than 100 chapters distributed in ten sessions: Tropical Ecology (TE); Tropical Botany (TB); Tropical Zoology (TZ); Savannah Ecosystems (SE); Desert Ecosystems (DE); Tropical Agriculture (TA); Natural History of Tropical Plants (NH); Human Impact on Tropical Ecosystems (HI); Tropical Phytopathology and Entomology (TPE); Case Studies (CS). This 11-volume set contains several chapters, each of size 5000-30000 words, with perspectives, applications and extensive illustrations. It is the only publication of its kind carrying state-of-the-art knowledge in the fields of Tropical Biology and Conservation Management and is aimed, by virtue of the several applications, at the following five major target audiences: University and College Students, Educators, Professional Practitioners, Research Personnel and Policy Analysts, Managers, and Decision Makers and NGOs.

Tropical Biology and Conservation Management -

Volume V

Ecology

EOLSS Publications This Encyclopedia of Tropical Biology and Conservation Management is a component of the global Encyclopedia of Life Support Systems (EOLSS), which is an integrated compendium of twenty one Encyclopedias. Tropical environments cover the most part of still preserved natural areas of the Earth. The greatest biodiversity, as in terms of animals and plants, as microorganisms, is placed in these hot and rainy ecosystems spread up and below the Equator line. Additionally, the most part of food products, with vegetal or animal origin, that sustain nowadays human beings is direct or undirected dependent of tropical productivity. Biodiversity should be looked at and evaluated not only in terms of numbers of species, but also in terms of the diversity of interactions among distinct organisms that it maintains. In this sense, the complexity of web structure in tropical systems is a promise of future to nature preservation on Earth. In the chemicals of tropical plant and animals, could be the cure to infinite number of diseases, new food sources, and who knows what more. Despite these facts tropical areas have been exploited in an irresponsible way for more than 500 years due the lack of an ecological conscience of men. Exactly in the same way we did with temperate areas and also tropical areas in the north of Equator line. Nowadays, is estimated that due human exploitation, nation conflicts and social problems, less than 8% of tropical nature inside continental areas is still now untouchable. The extension of damage in the tropical areas of oceans is unknown. Thus so, all knowledge we could accumulate about tropical systems will help us, as in the preservations of these important and threatened ecosystems as in a future recuperation, when it was possible. Only knowing the past and developing culture, mainly that directed to peace, to a better relationship among nations and responsible use and preservation of natural resources, human beings will have a long future on Earth. These volumes, Tropical Biology and Natural Resources was divided in sessions to provide the reader the better comprehension possible of issue and also to enable future complementation and improvements in the encyclopedia. Like we work with life, we intended to transform this encyclopedia also in a “life” volume, in what new information could be added in any time. As president of the encyclopedia and main editor I opened the theme with an article titled: “Tropical Biology and Natural resources: Historical Pathways and Perspectives”, providing the reader an initial view of the origins of human knowledge about the tropical life, and what we hope to the future. In the sequence we have more than 100 chapters distributed in ten sessions: Tropical Ecology (TE); Tropical Botany (TB); Tropical Zoology (TZ); Savannah Ecosystems (SE); Desert Ecosystems (DE); Tropical Agriculture (TA); Natural History of Tropical Plants (NH); Human Impact on Tropical Ecosystems (HI); Tropical Phytopathology and Entomology

(TPE); Case Studies (CS). This 11-volume set contains several chapters, each of size 5000-30000 words, with perspectives, applications and extensive illustrations. It is the only publication of its kind carrying state-of-the-art knowledge in the fields of Tropical Biology and Conservation Management and is aimed, by virtue of the several applications, at the following five major target audiences: University and College Students, Educators, Professional Practitioners, Research Personnel and Policy Analysts, Managers, and Decision Makers and NGOs.

Tropical Biology and Conservation Management - Volume IX Desert Ecosystems

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Tropical Biology and Conservation Management - Volume II

Human Impact on Tropical Ecosystems

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Tropical Biology and Conservation Management - Volume XI

Case Studies

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Systems Engineering and management for Sustainable Development - Volume II

EOLSS Publications Systems Engineering and Management for Sustainable Development is a component of Encyclopedia of Technology, Information, and Systems Management Resources in the global Encyclopedia of Life Support Systems (EOLSS), which is an integrated compendium of twenty one Encyclopedias. This theme discusses: basic principles of systems engineering and management for sustainable development, including: cost effectiveness assessment; decision assessment, tradeoffs, conflict resolution and negotiation; research and development policy; industrial ecology; and risk management strategies for sustainability. The emphasis throughout will be upon the development of appropriate life-cycles for processes that assist in the attainment of sustainable development, and in the use of appropriate policies and systems management approaches to ensure successful application of these processes. The general objectives of these chapters is to illustrate the way in which one specific issue, such as the need to bring about sustainable development, necessarily grows in scope such that it becomes only feasible to consider the engineering and architecting of appropriate systems when the specific issue is imbedded into a wealth of other issues. The discussions provide an illustration of the many attributes and needs associated with the important task of utilizing information and knowledge, enabled through systems engineering and management, to engineer systems involving humans, organizations, and technology, in the support of sustainability. These two volumes are aimed at the following five major target audiences: University and College students Educators, Professional practitioners, Research personnel and Policy analysts, managers, and decision makers and NGOs

Systems Engineering and management for Sustainable Development - Volume I

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Radioactive Waste Management

Knowledge Management, Organizational Intelligence And Learning, And Complexity - Volume III

EOLSS Publications Knowledge Management, Organizational Intelligence and Learning, and Complexity is the component of Encyclopedia of Technology, Information, and Systems Management Resources in the global Encyclopedia of Life Support Systems (EOLSS), which is an integrated compendium of twenty one Encyclopedias. The Theme on Knowledge Management, Organizational Intelligence and Learning, and Complexity in the Encyclopedia of Technology, Information, and Systems Management Resources provides the latest scientific insights into the evolution of complexity in both the natural and social realms. Emerging perspectives from the fields of knowledge management, computer-based simulation and the organizational sciences are presented as tools for understanding and supporting this evolving complexity and the earth's life support systems. These three volumes are aimed at the following a wide spectrum of audiences from the merely curious to those seeking in-depth knowledge: University and College students

Educators, Professional practitioners, Research personnel and Policy analysts, managers, and decision makers and NGOs.