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# World Applied Sciences Journal

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Actual Problems of Applied Sciences Journal  
World CRC Press

As a basic human need, water and its treatment are of the utmost importance. However, some rural areas are disadvantaged and have difficulty in effectively treating their water supply, which can affect the health and safety of their region. To protect and defend citizens, research must supply effective and applicable methods in securing the safety and drinkability of water. Membrane Technology for Water and Wastewater Treatment in Rural Regions is an essential publication that discusses the fabrication and characterization of membranes, processes and operations, and specific applications of membranes on water and wastewater treatment. Moreover, the book discusses selected promising aspects of membrane usage in the industry with a focus

on palm oil mill industry, sewage management and treatment, and water treatment in rural areas. Featuring coverage on a broad range of topics including membrane processes, water production, and transport resistances, this book is ideally designed for engineers, chemists, environmentalists, public officials, researchers, academicians, students, and industry professionals.

Recent Trends in Social and Behaviour Sciences Sanchi Foundation ®

Social Sciences and Interdisciplinary Behavior contains papers that were originally presented at the 4th International Congress on Interdisciplinary Behavior and Social Science 2015

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(ICIBSoS 2015), held 22-23 October 2015 at The Institute of Management, Economics and Finance of the Kazan Federal University, Kazan, Russia and 7-8 November 2015 in Arya Duta Hotel, Jakarta, Indonesia. The contributions deal with various interdisciplinary research topics, particularly in the fields of social sciences, education, economics and arts. The papers focus especially on such topics as language, cultural studies, economics, behavior studies, political sciences, media and communication, psychology and human development.  
Handbook of Research on Managerial

Practices and Disruptive Innovation in Asia

CRC Press

The book by M. Imran Kozgar aims to cover the problems of mutation breeding in pulse crops in the light of issues related to food insecurity and malnutrition, which according to FAO are the major threats at the present time. So far the research on induction of mutation in pulse crops is negligible compared to cereal crops, though the pulse crops and especially the chickpea are the largest grown crops in India. The main objective of the book is to reveal and explore the possibility of inducing genetic variability in early generations of mutated chickpea, describe the positive aspects of mutagenic treatments, evaluate the content of mineral elements (iron, manganese, zinc and copper) and physiological parameters of isolated high yielding mutant lines. The author hopes that his book will help to advance studies on pulse crops, and that in

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the long term it will help to reduce the food insecurity and malnutrition problems presently persisting in various developing countries, including India.

CRC Press

Actual Problems of Applied Sciences

Journal WorldIndependently Published

**Herbs, Shrubs, and Trees of  
Potential Medicinal Benefits**

Archers & Elevators

Publishing House

Plants face a wide range of environmental challenges, which are expected to become more intense as a result of global climate change.

Plant-soil interactions play an important role in the

functioning of ecosystems.

Soil properties represent a strong selection pressure for plant diversity and influence the structure of plant communities and biodiversity. The complexity of plant-soil interactions has recently been studied by developing a trait-based approach in which responses and effects of plants on soil environment are quantified and modelled. This fundamental research on plant-soil interaction in ecosystems is essential to transpose knowledges of functional ecology to

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environmental management.	engineering and other fields
Frontiers in Plant-Soil	of plant-soil interactions.
Interaction: Molecular	Frontiers in Plant-Soil
Insights into Plant Adaptation	Interaction will also help
will address topics that	scientists explore new
provide advances in	horizons in their area of
understanding plant responses	research. Brings together
to soil conditions through the	global leaders working in the
integration of genetic,	area of plant-environment
molecular, and plant-level	interactions and shares their
studies of diverse biotic and	research findings Presents
abiotic stresses under field	current and future scenarios
and laboratory conditions.	for the management of
This book will be beneficial	stressors Illustrates the
to students and researchers	central role for plant-soil
working on stress physiology	interactions in applying basic
and stress proteins, genomics,	research to address current
proteomics, genetic	and future challenges to

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humans

Anthropometry, Apparel Sizing  
and Design OECD Publishing

This book constitutes the refereed proceedings of the Second International Multi-topic Conference, IMTIC 2012, held in Jamshoro, Pakistan, in March 2012. The 51 revised full papers presented were carefully reviewed and selected from 205 submissions. The papers address topics from information communication technologies.

*Interdisciplinary Behavior and  
Social Sciences* Cloud Publications

This book addresses tourism as a system, provides essentials of tourism management and marketing, discusses planning and impact

management, and proposes strategies and recommendations to improve Russia as an international destination.

*Tourism in Russia* Emerald  
Group Publishing

This book represents a comprehensive overview of the field gathering the thoughts and expertise of hundreds of social scientists from around the world. This edition focuses on the transformative role of the social sciences in confronting climate and broader processes of environmental change.

*Applications of Semi-Analytical  
Methods for Nanofluid Flow and*

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*Heat Transfer* IGI Global

This book is a compilation of writings handpicked in esteemed scientific conferences that present the variety of ways to approach this multifaceted phenomenon. In this book, knowledge management is seen as an integral part of information and communications technology (ICT). The topic is first approached from the more general perspective, starting with discussing knowledge management's role as a medium towards increasing productivity in organizations. In the starting chapters of the book, the duality between technology

and humans is also taken into account. In the following chapters, one may see the essence and multifaceted nature of knowledge management through branch-specific observations and studies. Towards the end of the book the ontological side of knowledge management is illuminated. The book ends with two special applications of knowledge management.

**Mapping – an outlook of stakeholders** Actual Problems of Applied Sciences Journal World

The human aspect plays an important role in the social sciences. The behaviour of

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people has become a vital area of focus in the social sciences as well. Recent Trends in Social and Behaviour Sciences contains papers that were originally presented at the International Congress on Interdisciplinary Behavior and Social Sciences, held 4-5 November 201

*Actual Problems of Applied Sciences Journal World* Springer

There has been a worldwide increase in the demand for medicinal plants that aid the immune system, and considerable progress has been made in plant-based drug development. Herbs, Shrubs and Trees of Potential Medicinal Benefits examines how plants are used in the development of drugs preventing and treating cancer, hepatitis, asthma, influenza, HIV, and other diseases by manipulating a variety of bioactive molecules found in these plant parts. The book analyses how plants may strengthen human immunity, improve mood and brain function, enhance blood and oxygen circulation, boost the healing processes, and maintain blood pressure. Though many herbs, shrubs and trees have been identified for developing healthcare products, many of them require further exploration for potential usage. This volume in the Exploring Medicinal Plants series, presents information on herbs, shrubs and



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trees discussing traditional knowledge, chemical derivatives, and potential benefits of these items. Features: Identifies and highlights some medicinal herbs, shrubs and or trees around the world, presenting overall potential benefits to human health. Explores important medicinal plants for their bioactive constituents and phytochemicals. Discusses medicinal herbs, shrubs, and or trees for their uses in herbal drug preparation. Written by an international panel of plant scientists, this book is an essential resource to students, pharmacists, and chemists. It provides valuable information on fundamental chemical principles, modes of action, and product

formulation of bioactive natural products derived from plants for medical applications.

The Fig Google Play Books

Journal Actual problems of applied sciences is the most modern survey articles of internationally recognized authorities. Authors wishing to submit a review to the journal must submit a proposal to the editor, first using the application form as a guide. The journal provides a link between original articles, innovations published in patents, and modern knowledge in various scientific fields. It publishes review articles in interdisciplinary areas in which significant contributions are made. Journals are archived with the Spanish and

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*Economic and Legal Foundations of Modern Russian Society*  
Academic Press

Probiotic Dairy Products, 2nd Edition The updated guide to the most current research and developments in probiotic dairy products The thoroughly revised and updated second edition of Probiotic Dairy Products reviews the recent advancements in the dairy industry and includes the latest scientific developments in regard to the 'functional' aspects of dairy and fermented milk products and their ingredients. Since

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the publication of the first edition of this text, there have been incredible advances in the knowledge and understanding of the human microbiota, mainly due to the development and use of new molecular analysis techniques. This new edition includes information on the newest developments in the field. It offers information on the new 'omic' technologies that have been used to detect and analyse all the genes, proteins and metabolites of individuals' gut microbiota. The text also includes a description of the history of probiotics and explores the origins of probiotic products and the early pioneers in this field. Other chapters in this resource provide valuable updates on genomic analysis of probiotic strains and aspects of probiotic products' production and quality control. This important resource: Offers a completely revised and updated edition to the text that covers the topic of probiotic dairy products Contains 4 brand new chapters on the following topics: the history of probiotics,

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prebiotic components, probiotic research, and the production of vitamins, exopolysaccharides (EPS), and bacteriocins. Features a new co-editor and a host of new contributors, that offer the latest research findings and expertise. Is the latest title in Wiley's Society of Dairy Technology Technical Series. Probiotic Dairy Products is an essential resource for dairy scientists, dairy technologists and nutritionists. The text includes the results of the most reliable research in field and offers informed views on the future of, and barriers to, the progress for probiotic dairy products.

*Applications of Nanomaterials: A Novel Approach for Pollution Abatement in Industries* IGI Global

As an emerging global phenomenon, Islamic economics and the financial system has expanded exponentially in recent decades. Many components of the industry are still unknown, but hopefully, the lack of awareness will soon be stilled. The Handbook of Research on Theory and Practice of Global Islamic Finance

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provides emerging research on the latest global Islamic economic practices. The content within this publication examines risk management, economic justice, and stock market analysis. It is designed for financiers, banking professionals, economists, policymakers, researchers, academicians, and students interested in ideas centered on the development and practice of Islamic finance.

*Software Engineering in Intelligent Systems* Routledge  
Journal Actual problems of applied sciences is the most modern survey articles of

internationally recognized authorities. Authors wishing to submit a review to the journal must submit a proposal to the editor, first using the application form as a guide. The journal provides a link between original articles, innovations published in patents, and modern knowledge in various scientific fields. It publishes review articles in interdisciplinary areas in which significant contributions are made. Journals are archived with the Spanish and Germany

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with strict ethical policies and standards to ensure to add high quality scientific works to the field of scholarly publication. Unfortunately, cases of plagiarism, data falsification, inappropriate authorship credit, and the like, do arise. Open European Academy of Public Sciences takes such publishing ethics issues very seriously and our editors are trained to proceed in such cases with a zero tolerance policy. To verify the originality of content submitted to our journals, we use iThenticate to check submissions against previous publications. Mission and Values As a pioneer of academic open access publishing, we serve the scientific community since 2009. Our aim is to foster scientific exchange in all forms, across all disciplines. In addition to being at the root of Open European Academy of Public Sciences and a key theme in our journals, we support sustainability by ensuring the long-term preservation of published papers, and the future of science through partnerships,



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sponsorships and awards.

**International Journal of Advanced Remote Sensing and GIS IAP**

The common fig *Ficus carica* L. is an ancient fruit native to the Mediterranean. Dried figs have been successfully produced and processed in arid regions with little sophisticated infrastructure for centuries. Figs are rich in fibre, trace minerals, polyphenols and vitamins, with higher nutrient levels than most fruits. Advances in agricultural production and postharvest technologies have not only improved the efficiency of dried fig production but have facilitated the development of high value fresh fig industries both for export and domestic

markets. The result is high quality fresh figs that are marketed internationally throughout the year. This book provides a comprehensive summary of fig growing, processing and marketing from a scientific and horticultural perspective.

**Frontiers in Plant-Soil**

**Interaction** Walter de Gruyter GmbH & Co KG

Application of Semi-Analytical Methods for Nanofluid Flow and Heat Transfer applies semi-analytical methods to solve a range of engineering problems. After various methods are introduced, their application in nanofluid flow and heat transfer, magnetohydrodynamic

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flow, electrohydrodynamic flow and heat transfer, and nanofluid flow in porous media within several examples are explored. This is a valuable reference resource for materials scientists and engineers that will help familiarize them with a wide range of semi-analytical methods and how they are used in nanofluid flow and heat transfer. The book also includes case studies to illustrate how these methods are used in practice. Presents detailed information, giving readers a complete familiarity with governing equations where nanofluid is used as working	fluid Provides the fundamentals of new analytical methods, applying them to applications of nanofluid flow and heat transfer in the presence of magnetic and electric field Gives a detailed overview of nanofluid motion in porous media <u>Driving Green Consumerism Through Strategic Sustainability Marketing</u> Independently Published Leadership is viewed as a phenomenon allowing advantages for organizations and their success. Although much research has been done on the concept of leadership, many studies do not include the different styles,
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perspectives, and contexts of leadership. As such, this book aims to fill this gap by combining several studies on leadership from different perspectives. The various chapters address such topics as millennial leaders, Theory X style leadership, leadership in the turbulent environment, emotional intelligence, and much more. This volume shows how new insights about leadership can stimulate organizational development in various countries and regions worldwide.

Medical Imaging Progress IPS  
LLC

This proceedings book captures a wide range of timely themes for readers to be able to foresee the digital era's impact on English teaching in non-English speaking countries. English used in the global environment, the frequent mobile communication, and the use of AI-based translators are bringing about dramatic changes in our English language learning and teaching. Who can provide us the wisdom to know what to do? Those scholars going through these complex environmental changes! A collection of

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puzzle pieces may bring us a better contour for the future than a perfectly edited book. It's indeed a pleasure reading these insightful pieces to gain wisdom for the future of ELT practices in global contexts.

*Architectural, Energy and Information Engineering* IGI

Global

The collection of materials of the international scientific conference "Actual problems of applied sciences" is the most modern survey articles of internationally recognized authorities.

Authors wishing to submit a review to the journal must submit a proposal to the editor, first using the application form as a guide. The journal provides a link between original articles, innovations published in patents, and modern knowledge in various scientific fields. It publishes review articles in interdisciplinary areas in which significant contributions are made.