

SCIENCE

A Journal of Science for Development

www.sciencevision.org.pk



ISSN 1027-961X

www.comsats.org

Editor-in-Chief: Dr. S.M. Junaid Zaidi, Executive Director COMSATS

The journal's International Editorial Advisory Committee comprises the heads of the following R&D organizations that constitute COMSATS' Network of Centres of Excellence:

- AI-Farabi Kazakh National University (KazNU), Kazakhstan;
- Bangladesh Council of Scientific and Industrial Research (BCSIR), Bangladesh;
- Centro Internacional de Física (CIF), Colombia:
- COMSATS Institute of Information Technology (CIIT), Pakistan;
- · Embrapa Agrobiologia, Brazil;
- Higher Institute for Applied Sciences and Technology (HIAST), Syria;
- Industrial Research and Consultancy Centre (IRCC), Sudan;
- Industrial Technology Institute (ITI), Sri Lanka;
- International Center for Chemical and Biological Sciences (ICCBS), Pakistan;
- International Center for Climate & Environment Sciences (ICCES), China;
- International Centre for Environmental and Nuclear Sciences (ICENS), Jamaica;
- Council for Scientific and Industrial Research (CSIR), Ghana;
- Iranian Research Organization for Science and Technology (IROST), Iran;
- National Mathematical Centre (NMC), Nigeria;
- National Research Centre (NRC), Egypt;
- Royal Scientific Society (RSS), Jordan;
- Tanzania Industrial Research and Development Organization (TIRDO), Tanzania;
- TÜBITAK Marmara Research Center (MAM), Turkey.
- University Cheikh Anta Diop (UCAD), Senegal
- Water Research and Technologies Centre (CERTE), Tunisia

Titles of some of the typical papers included in the journal are:

- Why Study Plasma Science:
- Investigating the Effects of Ozone Layer Depletion: A Serious Threat to the Survival of Some Marine Organisms;
- Energy Policies for Third World Countries;
- The Importance of Traditional Knowledge and its Information-System for Pakistan.

Introduction

Science Vision is a bi-annual peer-reviewed journal published by the Commission on Science and Technology for Sustainable Development in the South (COMSATS). As an inter-governmental organization dedicated to the sustainable socio-economic uplift of its Member States, COMSATS has been publishing this journal since 1995 for scientific information dissemination in a broad range of fields, such as agriculture, renewable energy, environment, health, education, ICTs and water resources. The journal focuses on the socio-economic development especially with regard to the developing countries.

Submission of Papers/Articles

Research as well as review articles are invited having general scientific descriptions on a specific topic; comprehensive discussion of the impact of relevant discoveries and innovations on the society for creating understanding of the contemporary issues and challenges; as well as practicable solutions to the problems. The elucidation of relevant technical details for the benefit of non-specialists are expected to be a part of such papers.

Who Should Write for Science Vision?

Scientists, researchers, policy-makers and young scholars from S&T organizations as well as freelance experts with relevant interests and study are invited to write for the journal in line with its focus – impact of S&T on socio-economic development.

Refereeing

In order to ensure the quality of the articles published in the journal, the submitted manuscripts are first vetted to see their alignment with the scope of the journal and sent for refereeing. The International Editorial Advisory Committee also facilitates the refereeing process. The Editorial Board retains the right to accept or reject the submitted papers and suggest revisions based on confidential report referee report(s). Necessary editorial corrections may be carried out before the galleys are finally sent to the authors for final review before publishing.

Instructions for Authors

Typescripts:

Papers should be typewritten on A4 paper (210x297 mm), with double spacing and 3 cm margins. Each section should begin on a new page and may include: title page, 150 words abstract/summary, keywords, text, illustrations, tables, and references/bibliography.

Title Page:

The title page should contain: (i) the title of the article; (ii) names and initials

of each author with their highest academic qualifications; (iii) name and affiliation of all the authors; (iv) the department or institution to which the work should be attributed (if necessary); and (v) name and address of the author responsible for correspondence along with his/her email address.

Tables and Illustrations:

Tables and illustrations with captions/legends should be carefully numbered, cross cited in the text and should have the source duly mentioned.

References and Bibliography:

Harvard style (e.g. Bond,2004) should be used for in-text citations and end-notes (References and Bibliography). However, any other popular style of referencing may be used, provided that it is used consistently throughout the paper.

Types of Manuscripts:

The following types of manuscripts are accepted for the journal:

- Research papers Elaborating the significance/relevance of the author's research for the benefit of society (about 4000 to 8000 words);
- Review articles Highlighting the current state of research on a particular topic and its social impact (about 8000 to 12000 words); and
- Case-studies Comprising analyses (arguments and opinions) of specific technological developments and their socio-economic implications (about 4000 to 8000 words).

Note: The authors may be asked for an undertaking, declaring the requisite level of originality of the contents and no prior submission or publication of the paper.

For detailed Instructions for Authors, visit the journal website.

Editorial Board

Prof. Allam Ahmed, President - World Association for Sustainable Development (WASD), UK; Prof. M. Aslam Khan, COMSATS Institute of Information Technology (CIIT), Pakistan; Dr. Gary Straquadine, The Ohio State University, USA; Dr. Amitava Biswas, CISCO, USA

Editor: Ms. Farhana Saleem (Managing Editor)
Publisher: Mr. Tajammul Hussain

Subscription

Subscription	Pakistan	Other Countries
Annual	Rs. 1000.00	US\$ 50.00
Single Copy	Rs. 500.00	US\$ 25.00

Details on subscription are available at the following link: www.sciencevision.org.pk/?PageID=Subscribe

(Note: Science Vision is published and distributed on non-for-profit basis. The subscriptions would help in recovering the cost of publication and dispatch only).



For Queries/Comments and Submission of Articles/Papers:

Managing Editor - Science Vision COMSATS Secretariat Shahrah-e-Jamhuriat, G-5/2 Islamabad- 44000, Pakistan.

Tel: (+92-51) 9214515-7; Fax: (+92-51) 9216539 Email: farhana@comsats.org; URL: www.sciencevision.org.pk