

# Cement & Concrete Composites

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This journal is designed to reflect current developments and advances being made in the general field of cement-concrete composites technology and in the production, use and performance of cement-based construction materials in general. The word cement is interpreted here in a wide sense to include not only portland cement but also other matrices such as composite cements, resins, polymers and sulphur. The journal will therefore cover a wide range of composite materials such as fibre cement concrete composites, polymer cement composites, polymer impregnated composites, ferrocement, resin concretes, lightweight concretes, wood composites, use of waste materials, composite cements, adhesion bonding and fibre reinforced plastics as applied to construction and material and structural composite systems. Original papers dealing with microstructure, material properties, testing and test methods, fracture mechanics, durability aspects, structural characteristics, composite mechanics technology, modelling, design, fabrication and practical applica-

tions of these materials will therefore form the major themes of the Journal. Papers dealing with structural behaviour, *in situ* performance and field studies will also be accepted as well as those dealing with the implications of energy conservation, thermal insulation, repair and maintenance costs and serviceability behaviour of structures made with these materials.

The Journal has, within the above context, several specific objectives. It wants to foster a better understanding of construction materials, provide a forum for unusual and unconventional materials, encourage the development of low cost energy-saving materials and bridge the gap between materials science, engineering performance, environmental effects, *in situ* behaviour, design/service life and construction. It is the intention of the Journal to have particular issues devoted to specific themes to focus attention on topical issues.

Hopefully, the Journal will provide a unifying basis to bring together material scientists, engineers, designers and fabricators.

## SUBSCRIPTIONS 1997

One volume, six issues per volume (Volume 19). Annual Institutional Subscription Rates 1997: Europe, The CIS and Japan 887.00 Dutch Guilders. All other countries US\$547.00. Non-VAT registered customers in the European Community will be charged the appropriate VAT in addition to the price listed. Prices include postage and insurance and are subject to change without notice. Any enquiries to subscriptions should be sent to:

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PERIODICALS POSTAGE PAID AT RAHWAY, NEW JERSEY. *Cement and Concrete Composites* (ISSN 0958-9465) is published bimonthly, in February, April, June, August, October and December in one volume, by Elsevier Science Ltd, The Boulevard, Langford Lane, Kidlington, Oxford OX5 1GB, UK. The annual subscription in the USA is \$547. *Cement and Concrete Composites* is distributed by Mercury Airfreight International Ltd, 10 Camptown Road, Irvington, New Jersey 07111-1105. POSTMASTER: Please send address corrections to *Cement and Concrete Composites*, c/o Elsevier Science Regional Sales Office, Customer Support Department, 655 Avenue of the Americas, New York, NY 10010.