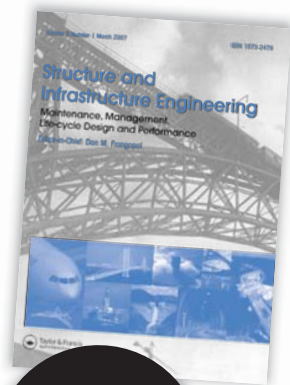


# Structure and Infrastructure Engineering

Maintenance, Management, Life-Cycle Design and Performance



Online access included with all institutional subscriptions

## **Structure and Infrastructure Engineering – Maintenance, Management, Life-Cycle Design and Performance**

is an international journal dedicated to recent advances in maintenance, management and life-cycle performance of a wide range of infrastructures, such as: buildings, bridges, dams, underground constructions, offshore platforms, pipelines, naval vessels, ocean structures, nuclear power plants, airplanes and other types of structures including aerospace and automotive structures.

The aim of this journal is to present research and developments on the most advanced technologies for analyzing, predicting and optimizing infrastructure performance. The main gaps to be filled are those between researchers and practitioners in maintenance, management and life-cycle performance of infrastructure systems, and those between professionals working on different types of infrastructures. To this end, the journal provides a forum for a broad blend of scientific, technical and practical papers.

Now included in the ISI Science Citation Index Expanded™

To view a free online sample copy, go to:  
[www.informaworld.com/sie](http://www.informaworld.com/sie)

## EDITORIAL BOARD

### EDITOR-IN-CHIEF:

**Dan M. Frangopol**, *Fazlur R. Khan  
Endowed Chair of Structural Engineering and  
Architecture, Lehigh University, USA*  
Email: [dan.frangopol@lehigh.edu](mailto:dan.frangopol@lehigh.edu)

### TECHNICAL EDITOR:

**Allen C. Estes**, *California Polytechnic State  
University, USA*  
Email: [aces@calpoly.edu](mailto:aces@calpoly.edu)

### MANAGING EDITORS:

#### Americas and rest of the world

**Kurt Maute**, *University of Colorado, USA*  
Email: [maute@colorado.edu](mailto:maute@colorado.edu)

#### Europe

**Joan R. Casas**, *Technical University of  
Catalonia (UPC), Spain*  
Email: [joan.ramon.casas@upc.edu](mailto:joan.ramon.casas@upc.edu)

#### Asia and Pacific

**Hitoshi Furuta**, *Kansai University, Japan*  
Email: [furuta@res.kutc.kansai-u.ac.jp](mailto:furuta@res.kutc.kansai-u.ac.jp)

### BOOK REVIEW EDITOR:

**George Deodatis**, *Columbia University,  
USA*  
Email: [deodatis@civil.columbia.edu](mailto:deodatis@civil.columbia.edu)

Supported by International Editorial  
and Advisory Boards

## Abstracting Information

**Structure and Infrastructure Engineering** is abstracted in *British Library Inside; Cambridge Scientific Abstracts; Construction and Building Abstracts; Earthquake Engineering Abstracts; EBSCO Databases; Emerald International Civil Engineering Abstracts; INSPEC®; ISI Current Contents® - Engineering, Computing & Technology; ISI Science Citation Index Expanded™; New Jour* and *Zetoc*.

## Submissions

Submissions are welcome. Papers for consideration should be sent to the appropriate Managing Editor for your residence area, in addition to the Editor-in-Chief at [dan.frangopol@lehigh.edu](mailto:dan.frangopol@lehigh.edu) and the Technical Editor at [aces@calpoly.edu](mailto:aces@calpoly.edu). For full instructions on how to submit a paper please visit [www.informaworld.com/sie](http://www.informaworld.com/sie) and click on "Instructions for Authors".



Taylor & Francis  
Taylor & Francis Group

# Order Form

Please enter my subscription to: **Structure and Infrastructure Engineering**  
Volume 4, 2008, 6 issues per year, Print ISSN 1573-2479, Online ISSN 1744-8980

**Institutional Rate** (includes online access)  US\$504  £305  €403

**Institutional Rate** (online only)\*  US\$478  £289  €382

**Personal Rate** (print only)  US\$190  £116  €152

**Society Rate** (print only)  US\$49  £30

**Personal subscriptions are welcomed if prepaid by credit card or personal cheque.**  
Subscription rates include postage/air speeded delivery. Dollar rates apply to all subscribers outside Europe. Euro rates apply to all subscribers in Europe, except the UK and the Republic of Ireland where the pound sterling price applies.

To view an online sample copy of **Structure and Infrastructure Engineering**, please visit the Journal's website at: [www.informaworld.com/sie](http://www.informaworld.com/sie)

Discontinued personal subscriptions are available to individual members of the IAMBAS, ISSHMI, IALCCE. Please contact customer services for further information.

## PLEASE SEND MY JOURNALS TO:

NAME (BLOCK CAPITALS) \_\_\_\_\_

DEPARTMENT\*\* \_\_\_\_\_

INSTITUTION/ COMPANY\*\* \_\_\_\_\_

STREET \_\_\_\_\_

TOWN \_\_\_\_\_

STATE/COUNTY \_\_\_\_\_

COUNTRY \_\_\_\_\_

POST/ZIP CODE \_\_\_\_\_

EMAIL \_\_\_\_\_

TELEPHONE \_\_\_\_\_

### To the Librarian

Please include this Journal in your next serials review meeting with my recommendation to subscribe:

From \_\_\_\_\_

Dept \_\_\_\_\_

Date \_\_\_\_\_

Please note this Taylor & Francis Journal offers either print & online or online only subscriptions for institutions.

To find out more about our Journals visit [www.informaworld.com](http://www.informaworld.com)

For further information or to subscribe, please contact:

T&F Order Processing,  
T&F Informa UK Ltd,  
Sheepen Place,  
Colchester,  
Essex CO3 3LP

Telephone: +44(0)20 7017 5544

Fax: +44(0)20 7017 5198

Email: [tf.processing@informa.com](mailto:tf.processing@informa.com)

## Methods of Payment

Payment enclosed. Cheques or bank drafts should be made payable to **Informa UK Limited** and be drawn on a UK or US bank.

Please charge  Visa  MasterCard  Eurocard  American Express (AMEX - US\$ / £ only)

Card Number \_\_\_\_\_ Expiry Date \_\_\_\_\_

Security Code (3 digits found on reverse of card) \_\_\_\_\_

Signature \_\_\_\_\_ Date \_\_\_\_\_

Payment has been made by bank transfer to one of the following accounts (please indicate):

- UK** - National Westminster Bank Plc, 25 High Street, Colchester, Essex, CO1 1DG, UK • Account Name: Informa UK Ltd.  
£ Account No: 01825550 • Sort Code: 60-06-06 • Swift Code: NWBKGB2L • IBAN: GB25NWBK60060601825550
- USA** - Bank of America, 100 33rd Street West, New York, 10001 NY, USA • Account Name: Informa UK Ltd.  
Account No: 2753109322 • ABA No for Wires: 026009593 • ABA No for ACH: 021000322 • Swift Code: BOFAUS3N
- Europe** - National Westminster Bank Plc, 25 High Street, Colchester, Essex, CO1 1DG, UK • Account Name: Informa UK Ltd.  
Account No: 06880185. • Sort Code: 60-72-11 • Swift Code: NWBKGB2L • IBAN: GB08NWBK60721106880185

### Please complete in full the details on the order form and return to:

**Taylor and Francis Customer Services**, T&F Informa UK Ltd., Sheepen Place, Colchester, Essex, CO3 3LP, UK  
Tel: +44 (0)20 7017 5544 Fax: +44 (0)20 7017 5198 Email: [tf.enquiries@informa.com](mailto:tf.enquiries@informa.com) OR TO  
**Taylor and Francis Customer Service**, Taylor & Francis Inc, 325 Chestnut Street, 8th Floor, Philadelphia, PA 19106, USA  
Tel: +1 800 354 1420 (toll-free calls from within the US) or +1 215 625 8900 (calls from overseas)  
Fax: +1 215 625 8914 Email: [customerservice@taylorandfrancis.com](mailto:customerservice@taylorandfrancis.com) OR TO  
**Taylor and Francis Customer Service**, Taylor & Francis Asia Pacific, 240 MacPherson Road, #08-01 Pines Industrial Building,  
Singapore 348574 Tel: +65 6741 5166 Fax: +65 6742 9356 Email: [info@tandf.com.sg](mailto:info@tandf.com.sg)

ONLINE: [www.informaworld.com](http://www.informaworld.com)

OR HAND THE ORDER FORM TO YOUR LIBRARIAN WITH A RECOMMENDATION TO SUBSCRIBE

### \*ONLINE ONLY SUBSCRIBERS

Value Added Tax (VAT) is payable on the institutional rate (online only) in EU countries, therefore organisations resident in EU countries outside the UK must provide their VAT number otherwise they will be charged VAT at 17.5%.

VAT Registration Number

Country

- My organisation is not registered for VAT
- My organisation is not within the European Union

\*\* Please complete this information only if you are taking out an institutional subscription.

Register your email address at [www.informaworld.com/updates](http://www.informaworld.com/updates) to receive information on books, journals and other news within your areas of interest

The personal details provided by you will be held on a database and may be shared with companies in the Informa Group in the UK and internationally. Sometimes your details may be obtained from or shared with external companies for marketing purposes. If you do not wish your details to be used for this purpose or wish your name to be removed from the database, please contact the Database Manager at Informa UK Ltd, Informa House, 30-32 Mortimer Street, London W1M 7RE, UK. Tel: +44 (0)20 7017 4555, Fax: +44 (0)20 7017 4743, Email: [databases@informa.com](mailto:databases@informa.com)

## Taylor & Francis Online Services

### informaworld™

A world of specialist information for the academic, professional and business communities. To find out more go to: [www.informaworld.com](http://www.informaworld.com)

### Alerting services from informaworld™

To sign up for table of contents alerts for **Structure and Infrastructure Engineering** visit the Journal's homepage at: [www.informaworld.com/sie](http://www.informaworld.com/sie)

To sign up for other table of contents, new publication and citation alerting services from **informaworld™** visit: [www.informaworld.com/alerting](http://www.informaworld.com/alerting)

### Online Access

Online access is included with a print institutional subscription to the Journal or alternatively is available as an online only option. For further information connect to: [www.informaworld.com/librarians](http://www.informaworld.com/librarians)

### Online Sample Copy

A fully searchable sample copy of this journal is available by visiting: [www.informaworld.com/sie](http://www.informaworld.com/sie)

### informaworld™ Librarians' Area

Visit our web resource for Librarians and Information Professionals at: [www.informaworld.com/librarians](http://www.informaworld.com/librarians)



Register your email address at [www.informaworld.com/updates](http://www.informaworld.com/updates)

to receive information on books, journals and other news within your areas of interest.



An international active reference linking service. Visit [www.crossref.org](http://www.crossref.org) for more information.

Brochure Number

UC230010

Journal Code

NSIE08



Taylor & Francis  
Taylor & Francis Group