

ICE Publishing Catalogue 2021 (\$)

JOURNALS | ARCHIVES | eBooks | COLLECTIONS



ESSENTIAL ENGINEERING KNOWLEDGE

www.icevirtuallibrary.com

About the ICE

Established in 1818, the Institution of Civil Engineers (ICE) is an influential professional membership body and registered charity. It provides unrivalled support to its 95,000 civil engineer members around the world.

Free ICE student membership

Let your engineering department know more about ICE Student Membership. It's free and members get benefits like career advice, industry learning resources and networking.

Visit www.ice.org.uk/membership

About ICE Publishing

ICE Publishing is a leading provider of information for researchers and practitioners worldwide in the fields of civil and environmental engineering and materials science.

Our wide range of journals, archives and books provide real world impact and a gold-standard reference point for industry and academia. They make up the most comprehensive civil engineering portfolio in the world.

ICE Publishing is part of Thomas Telford Ltd, of which ICE is the sole shareholder. All Thomas Telford Ltd profits are donated through Gift Aid to ICE, helping it meet its charitable mission to "benefit society and advance the field of civil engineering".



Table of contents

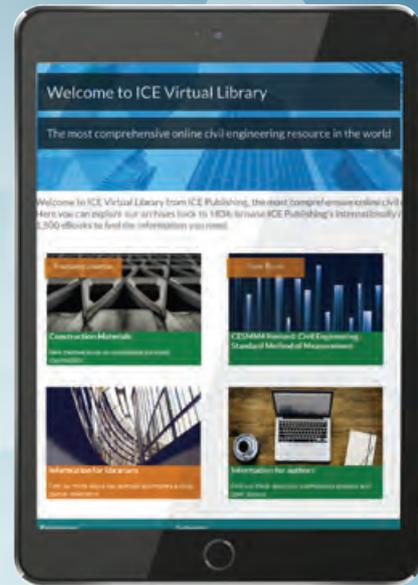
ICE Virtual Library and benefits for librarians	3
About our journals	4
Engineering journal collections	4-6
Science journals and collection	7
Engineering journals	8-9
Specialist engineering journals and open access	10-13
Archives	14-15
About our eBooks	16
eBook collections	17-19
Price list	20-21
Contacts	22
Subscription information	23

ICE Virtual Library

Hosted on Atypon's Literatum platform, ICE Virtual Library is the exclusive home of all our e-content and the world's most comprehensive online engineering resource. It delivers trusted, authoritative information on all aspects of civil engineering and materials science including

- The largest civil engineering eBook collection in the world
- 19 specialist engineering journals (ICE Proceedings collection)
- 11 leading research journals such as *Géotechnique* and *Magazine of Concrete Research*
- 5 innovative materials science journals (ICE Science)
- 1 gold open access journal, *Geotechnical Research*

Supported by enhanced platform functionality, it has a powerful integrated search function, user-friendly design, and full-text features across four centuries of definitive research. Users can sign up for alerts, as well as save their favourite articles, chapters and searches.



Benefits for librarians

- Unlimited simultaneous users
- Librarian toolkit to promote access
- No platform/access fees
- No DRM
- Perpetual access to subscribed content
- Supports Shibboleth and Athens for ease of access
- COUNTER compliant usage reports to aid decision making
- Free MARC records for cataloguing eBook content
- Library branding available
- Secure archiving with Portico
- OpenURL links and DOIs at title, article and chapter level
- KBART records for easy listing and display
- Flexible pricing models
- Bonus 18 years back file content with an active journal subscription

Journals

Available individually or in collections, our journals provide academics, students and practitioners with the latest developments in the fields of civil engineering, construction and materials science.

With civil engineering shaping so much of our daily lives, these journals are not just relevant for Civil Engineering departments, they cross into many other aspects of the physical and social sciences.

Our collections offer best value for money while ensuring access to a range of essential information.

**Don't forget to promote our
Call for Papers to your authors**

visit www.icevirtuallibrary.com/toolkit

2020 highlights

- ICE Virtual Library page views are up 20% against 2019
- 14 journals received their highest ever impact factor
- Flagship geotechnical journal *Géotechnique* improved upon its already high impact factor to achieve a record value of 3.559
- 33/35 journals indexed in Scopus
- All journals indexed in Compendex on Engineering Village.

ICE Premier Collection

Everything you need in one great collection.

- All eBook content
- All eJournal content

Online only: \$33,277

ICE Current Engineering Journals Collection

www.icevirtuallibrary.com/current-engineering-collection

Our best-selling subscription collection worldwide, offering full text online access to 30 international peer-reviewed engineering titles from 2003 to current year.

It includes the 18 titles of the internationally respected ICE Proceedings collection, each focusing on a sub-discipline of civil engineering, plus highly cited leading research titles such as *Géotechnique* and *Magazine of Concrete Research*, which turned 70 in 2019. It also includes major society titles such as *Geosynthetics International* (on behalf of the International Geosynthetics Society) and *Dams and Reservoirs* (on behalf of the British Dam Society).

14 journals had record impact factors in 2020.

Collection discount: 40%

Online only: \$12,796

Online with print: \$15,119



ICE Complete Engineering Collection

www.icevirtuallibrary.com/complete-engineering-collection

If you would like all of this AND access to the **Complete Engineering Journal Archive** dating back to 1836, then your institution could benefit from the **ICE Complete Engineering Journals Collection**.

Collection discount: 54%

Online only: \$16,506

Online with print: \$18,826

Titles included

- **Advances in Cement Research** www.icevirtuallibrary.com/adcr
- **Bridge Engineering** www.icevirtuallibrary.com/bren *
- **Civil Engineering** www.icevirtuallibrary.com/cien
- **Construction Materials** www.icevirtuallibrary.com/coma
- **Dams and Reservoirs** www.icevirtuallibrary.com/dare
- **Energy** www.icevirtuallibrary.com/ener
- **Engineering and Computational Mechanics** www.icevirtuallibrary.com/encm
- **Engineering History and Heritage** www.icevirtuallibrary.com/enhh
- **Engineering Sustainability** www.icevirtuallibrary.com/ensu
- **Environmental Geotechnics** www.icevirtuallibrary.com/enge
- **Forensic Engineering** www.icevirtuallibrary.com/foen
- **Geosynthetics International** www.icevirtuallibrary.com/gein
- **Geotechnical Engineering** www.icevirtuallibrary.com/geen
- **Géotechnique** www.icevirtuallibrary.com/geot *
- **Géotechnique Letters** www.icevirtuallibrary.com/gele
- **Ground Improvement** www.icevirtuallibrary.com/grim *
- **Infrastructure Asset Management** www.icevirtuallibrary.com/inam
- **International Journal of Physical Modelling in Geotechnics** www.icevirtuallibrary.com/phmg
- **Journal of Environmental Engineering and Science** www.icevirtuallibrary.com/enes
- **Magazine of Concrete Research** www.icevirtuallibrary.com/macrc *
- **Management, Procurement and Law** www.icevirtuallibrary.com/mapl
- **Maritime Engineering** www.icevirtuallibrary.com/maen
- **Municipal Engineer** www.icevirtuallibrary.com/muen
- **Smart Infrastructure and Construction** www.icevirtuallibrary.com/smic
- **Structures and Buildings** www.icevirtuallibrary.com/stbu
- **Transport** www.icevirtuallibrary.com/tran
- **Urban Design and Planning** www.icevirtuallibrary.com/urdp
- **Waste and Resource Management** www.icevirtuallibrary.com/warm
- **Water Management** www.icevirtuallibrary.com/wama

*Title is available in print

ICE Specialist (ICE Proceedings) Engineering Journals Collection

www.icevirtuallibrary.com/specialist-engineering-collection

Our Specialist (ICE Proceedings) Engineering Journals provide a forum for dialogue between research and practice. The most highly established in civil engineering, it has been publishing continuously since 1836 (see pages 14-15 for archive information). Each of the 19 titles focus on a sub-discipline of civil engineering, providing readers with expert specialist knowledge across all aspects of the field.

Collection discount: 30%

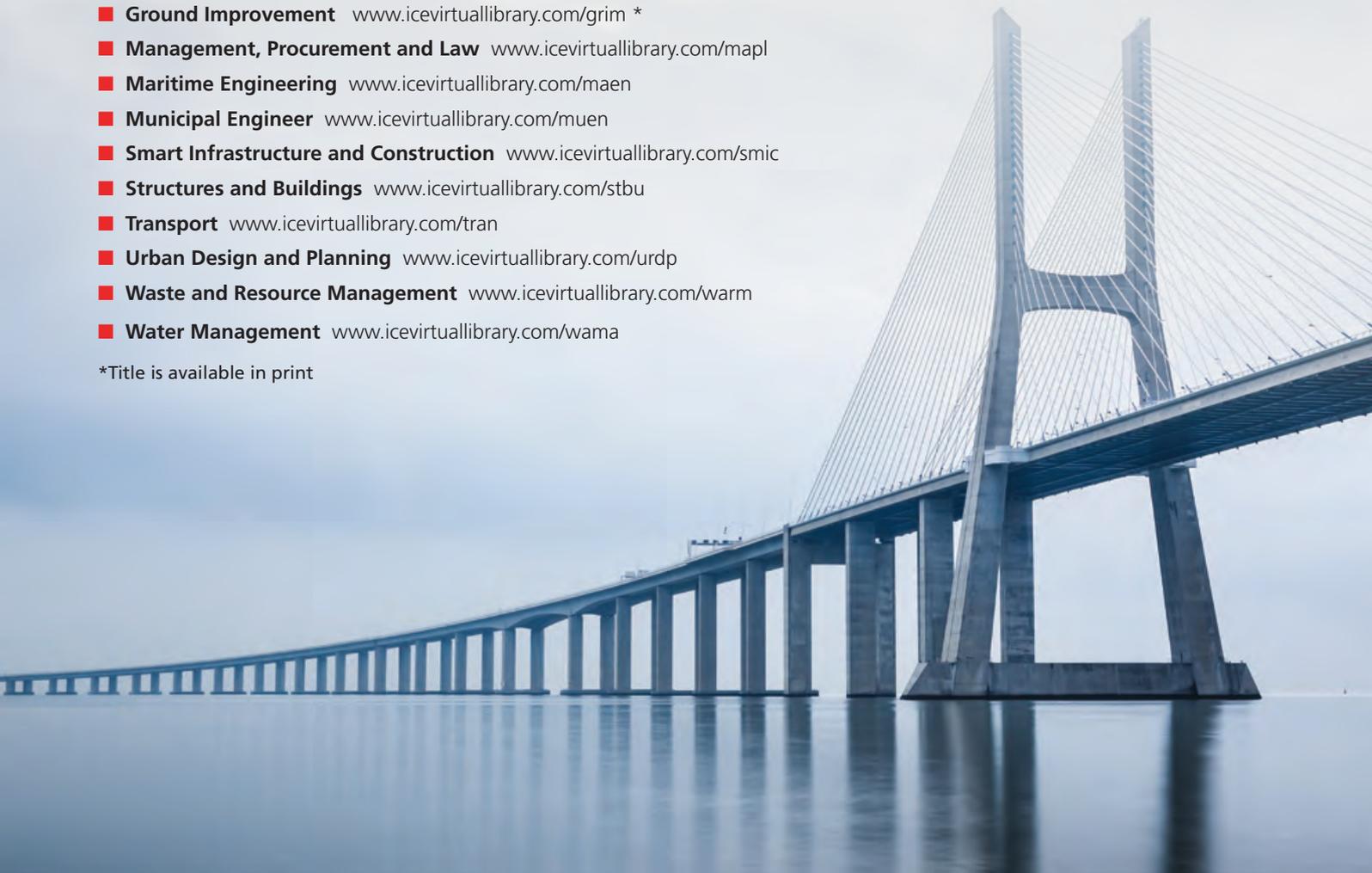
Online only: \$7,906

Online with print: \$8,778

Titles included

- **Bridge Engineering** www.icevirtuallibrary.com/bren *
- **Civil Engineering** www.icevirtuallibrary.com/cien
- **Construction Materials** www.icevirtuallibrary.com/coma
- **Energy** www.icevirtuallibrary.com/ener
- **Engineering and Computational Mechanics** www.icevirtuallibrary.com/encm
- **Engineering History and Heritage** www.icevirtuallibrary.com/enhh
- **Engineering Sustainability** www.icevirtuallibrary.com/ensu
- **Forensic Engineering** www.icevirtuallibrary.com/foen
- **Geotechnical Engineering** www.icevirtuallibrary.com/geen
- **Ground Improvement** www.icevirtuallibrary.com/grim *
- **Management, Procurement and Law** www.icevirtuallibrary.com/mapl
- **Maritime Engineering** www.icevirtuallibrary.com/maen
- **Municipal Engineer** www.icevirtuallibrary.com/muen
- **Smart Infrastructure and Construction** www.icevirtuallibrary.com/smic
- **Structures and Buildings** www.icevirtuallibrary.com/stbu
- **Transport** www.icevirtuallibrary.com/tran
- **Urban Design and Planning** www.icevirtuallibrary.com/urdp
- **Waste and Resource Management** www.icevirtuallibrary.com/warm
- **Water Management** www.icevirtuallibrary.com/wama

*Title is available in print



ICE Science Journals Collection

www.icevirtuallibrary.com/science-collection

ICE Science is an innovative interdisciplinary materials science series that seeks to inspire fresh thinking in how breakthrough research can be practically applied in the areas of materials science, biomaterials, nanotechnology, energy, green chemistry, and surface engineering.

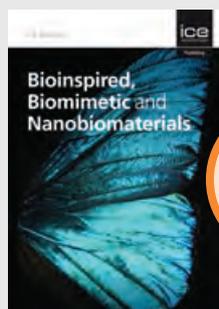
ICE Science's five peer-reviewed journals bring together the engineering and chemistry communities to celebrate interdisciplinary work.

Save 20% on individual purchase price

Collection discount: 20%

Online only: \$4,067

Save an extra 10% when purchasing with any engineering collection



IMPACT
FACTOR
0.98

Bioinspired, Biomimetic and Nanobiomaterials

www.icevirtuallibrary.com/bibn

Editor: Cordt Zollfrank, Technische Universität München, Germany

Brings together research from disciplines such as biological materials science and engineering to stimulate the cross fertilisation of ideas inspired by the natural world that can be practically applied in a wide range of contexts from medicine to construction.

Volume: 10 | Frequency: 4

E-ISSN: 2045-9866

Online only: \$977



IMPACT
FACTOR
0.413

Emerging Materials Research

www.icevirtuallibrary.com/emmr

Editor: Iskender Akkurt, Suleyman Demirel University Science and Arts, Turkey

The ability to intelligently manipulate material properties and tailor them for desired applications is of constant interest and challenge within universities, national labs and industry. This journal provides researchers with new visions and insights into the field of materials science.

Volume: 10

Frequency: continuous publication

E-ISSN: 2046-0155

Online only: \$1073



IMPACT
FACTOR
1.692

Green Materials

www.icevirtuallibrary.com/grma

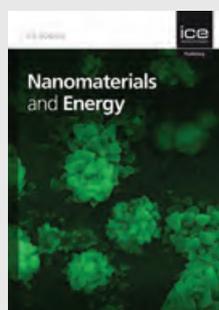
Editor: Etienne Grau, University of Bordeaux, France

The importance of fiscally and environmentally responsible materials has never been higher. *Green Materials* provides coverage of polymers and materials, with an emphasis on reducing the use of hazardous substances in the design, manufacture and application of products.

Volume: 9 | Frequency: 4

E-ISSN: 2049-1239

Online only: \$977



Nanomaterials and Energy

www.icevirtuallibrary.com/naen

Editor: Kantesh Balani, Indian Institute of Technology Kanpur, India

In a world with an increasing number of opportunities for nanotechnology to improve how we produce and use energy, this journal helps lead scientists and engineers from diverse backgrounds to a common platform.

Volume: 10

Frequency: continuous publication

E-ISSN: 2045-984X

Online only: \$990



IMPACT
FACTOR
2.845

Surface Innovations

www.icevirtuallibrary.com/suin

Editor: Jaroslaw Drelich, Michigan Technological University, USA

Controlled-functionality surfaces and coatings have enormous potential in practical applications and are important fundamental topics of the surface science research community driven by materials science, physics, chemistry, and biology.

Volume: 9 | Frequency: 5

E-ISSN: 2050-6260

Online only: \$1073

Individual Journals

All our journals are available individually or you can contact us to pick and mix journals to create your own collection.

sales@icepublishing.com



IMPACT
FACTOR
1.576

Advances in Cement Research

www.icevirtuallibrary.com/adcr

Editor: Leon Black, University of Leeds, UK

Highlights scientific ideas and innovations within the cutting-edge cement manufacturing industry. This global journal's coverage encompasses the properties and durability of cementitious materials and systems, interaction with other materials, analysis and testing, special cements and applications.

Volume: 33 | Frequency: 12

ISSN: 0951-7197 | E-ISSN: 1751-7605

Online only: \$1104



Dams and Reservoirs

www.icevirtuallibrary.com/dare

Editor: Anthea Peters, Arup, UK

The official journal of the British Dam Society (BDS) publishing high quality international technical papers, technical notes, briefing articles, case studies and discussions related to the design, construction, operation, safety and environmental aspects of dams, reservoirs and their ancillary works.

Volume: 31 | Frequency: 4

ISSN: 1368-1494 | E-ISSN: 1756-8404

Online only: \$605



IMPACT
FACTOR
1.621

Environmental Geotechnics

www.icevirtuallibrary.com/enge

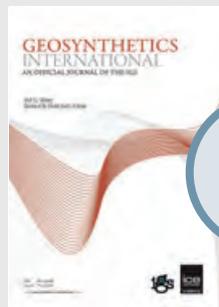
Editor: Devendra Narain Singh, Indian Institute of Technology Bombay, India

Environmental Geotechnics disseminates knowledge and provides a fresh perspective regarding the basic concepts, theory, techniques and field applicability of innovative testing and analysis methodologies and engineering practices in geoenvironmental engineering.

Volume: 8 | Frequency: 8

E-ISSN: 2051-803X

Online only: \$869



IMPACT
FACTOR
2.802

Geosynthetics International

www.icevirtuallibrary.com/gein

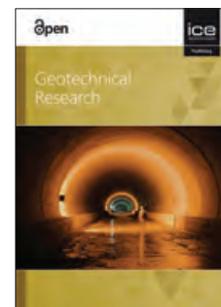
Editor: R J Bathurst, Royal Military College of Canada

An official journal of the International Geosynthetics Society (IGS), covering the whole of geosynthetic materials. This journal publishes the best information on current geosynthetics technology in research, design innovation, new materials and construction practice.

Volume: 28 | Frequency: 6

E-ISSN: 1751-7613

Online only: \$1280



Geotechnical Research

www.icevirtuallibrary.com/gere

Editor: Dominic E. L. Ong, Griffith University, Australia; Mizanur Rahman, University of South Australia



A gold open access journal, *Geotechnical Research* publishes high-quality papers across all aspects of modern geotechnics, entirely free to read.

Volume: 8

Frequency: 4

E-ISSN: 2052-6156



IMPACT
FACTOR
3.83

Géotechnique

www.icevirtuallibrary.com/geot

Editor: David Potts, Imperial College London, UK

Established in 1948, *Géotechnique* is the world's premier geotechnics journal, publishing research of the highest quality on all aspects of geotechnical engineering across the fields of soil and rock mechanics, engineering geology and environmental geotechnics.

Volume: 71 | Frequency: 12

ISSN: 0016-8505 | E-ISSN: 1751-7656

Online only: \$1213

Online with print: \$1616



IMPACT
FACTOR
1.524

Géotechnique Letters

www.icevirtuallibrary.com/gele

Editor: Professor David Airey, University of Sydney, Australia

Géotechnique Letters publishes the latest and most innovative international geotechnical research and practice. The journal's short papers foster the quick exchange of the latest advances and most current ideas in the field.

Volume: 11

Frequency: continuous publication

E-ISSN: 2045-2543

Online only: \$977



Infrastructure Asset Management

www.icevirtuallibrary.com/inam

Editor: Arun Kumar, RMIT University, Australia

A multi-disciplinary journal publishing articles on the major aspects of asset management in the public and private sector, including transportation, utilities, energy and telecommunications. It is an invaluable resource for those researching, practising or learning about infrastructure asset intensive industries.

Volume: 8 | Frequency: 4

E-ISSN: 2053-0250

Online only: \$649



IMPACT
FACTOR
1.333

International Journal of Physical Modelling in Geotechnics

www.icevirtuallibrary.com/phmg

Editor: Conleth O'Loughlin, University of Western Australia

The latest research and analysis of physical modelling at any scale, including modelling at single gravity and at multiple gravities on a centrifuge, shaking table and pressure chamber testing and geoenvironmental experiments.

Volume: 21 | Frequency: 6

E-ISSN: 2042-6550

Online only: \$724



Journal of Environmental Engineering and Science

www.icevirtuallibrary.com/enes

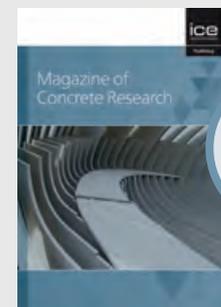
Editor: Jay Meegoda, New Jersey Institute of Technology, USA

An international forum for environmental research, this journal encourages interdisciplinary research collaboration to address environmental problems. It addresses all aspects of environmental engineering and applied environmental science, except for noise, radiation and light.

Volume: 16 | Frequency: 4

E-ISSN: 1496-256X

Online only: \$1254



IMPACT
FACTOR
2.088

Magazine of Concrete Research

www.icevirtuallibrary.com/macr

Editor: Peter C Hewlett, University of Dundee, UK

Publishing for over 70 years, *Magazine of Concrete Research* covers every aspect of concrete manufacture and behaviour from performance and evaluation of constituent materials to mix design, testing, durability, structural analysis and composite construction.

Volume: 73 | Frequency: 24

ISSN: 0024-9831 | E-ISSN: 1751-763X

Online only: \$1609

Online with print: \$2072



Bridge Engineering

www.icevirtuallibrary.com/bren

Editor: Craig Giaccio, Arcadis Consulting Ltd, UK

One of the leading publications covering developments in bridge engineering. This journal covers the design, construction, maintenance, management, monitoring and upgrading of all types of bridge structures through research, historical and briefing papers, review articles, and project case studies.

Volume: 174 | Frequency: 4

ISSN: 1478-4637 | E-ISSN: 1751-7664

Online only: \$860

Online with print: \$1086



IMPACT
FACTOR
0.825

Civil Engineering

www.icevirtuallibrary.com/cien

Editor: Philippe Bouillard, Université Libre de Bruxelles, Belgium

Practical and diverse in its scope, The ICE's flagship journal publishes overview papers for the non-specialist on any subject relevant to civil engineering today. Topics range from landmark projects to philosophical, ethical, environmental, management and safety issues.

Volume: 174 | Frequency: 6

ISSN: 0965-089X | E-ISSN: 1751-7672

Online only: \$344



Construction Materials

www.icevirtuallibrary.com/coma

Editor: Mohammed Sonebi, Queens University Belfast, UK

Covering all aspects of a material's life, this journal publishes original research and practice papers of the highest quality on procurement, specification, application, development, performance and evaluation of materials used in construction and civil engineering.

Volume: 174 | Frequency: 6

ISSN: 1747-650X | E-ISSN: 1747-6518

Online only: \$770



IMPACT
FACTOR
0.781

Energy

www.icevirtuallibrary.com/ener

Editor: Geoffrey P. Hammond, University of Bath, UK

A key resource for engineers and researchers working to meet the challenges of energy engineering, this journal publishes groundbreaking papers on energy provision by leading figures in industry and academia and is a unique forum for discussion on topics such as the practical implications of biofuels.

Volume: 174 | Frequency: 4

ISSN: 1751-4223 | E-ISSN: 1751-4231

Online only: \$494



Engineering and Computational Mechanics

www.icevirtuallibrary.com/encm

Editor: Matthew Gilbert, University of Sheffield, UK

Publishes practically oriented papers on fundamental applied mechanics in civil engineering. Coverage includes solid mechanics, fluid mechanics, the behaviour of granular materials, structural, stress and strain analysis, and the dynamics of structures and fluid/structure interactions.

Volume: 174 | Frequency: 4

E-ISSN: 1755-0785

Online only: \$475



Engineering History and Heritage

www.icevirtuallibrary.com/enhh

Editor: Richard Harris, University of Bath and Time for Timber Ltd, UK

Engineering History and Heritage publishes papers on existing infrastructure, buildings and civil engineering structures around the world, and issues related to their conservation, restoration and adaptation to meet the challenges of the 21st century.

Volume: 174 | Frequency: 4

ISSN: 1757-9430 | E-ISSN: 1757-9449

Online only: \$481



IMPACT
FACTOR
1.063

Engineering Sustainability

www.icevirtuallibrary.com/ensu

Editor: Priti Parikh, University College London, UK

Shares the latest research, practice, and the 'how to' of engineering a resilient future, including the pursuit and implementation of sustainability principles through engineering planning, design and application. It also covers social, economic and environmental considerations.

Volume: 174 | Frequency: 8

ISSN: 1478-4629 | E-ISSN: 1751-7680

Online only: \$876



Forensic Engineering

www.icevirtuallibrary.com/foen

Editor: Ted Donchev, Kingston University, London, UK

Covers constructed facilities and systems that fail to perform as intended, and their investigation, assessment and remediation, with a focus on forensic method. The journal also addresses wider issues of climate change, commercial and contractual management, and dispute resolution.

Volume: 174 | Frequency: 4

ISSN: 2043-9903 | E-ISSN: 2043-9911

Online only: \$419



IMPACT
FACTOR
1.00

Geotechnical Engineering

www.icevirtuallibrary.com/geen

Editor: Paul Vardanega, University of Bristol, UK

High quality, topical and relevant technical papers covering all aspects of geotechnical research, design, construction and performance of interest to civil, structural or geotechnical engineering practitioners wishing to develop a greater understanding of the influence of geotechnics on the built environment.

Volume: 174 | Frequency: 6

ISSN: 1353-2618 | E-ISSN: 1751-8563

Online only: \$638



Ground Improvement

www.icevirtuallibrary.com/grim

Editor: Buddhima Indraratna, University of Wollongong, Australia

This journal covers technological developments, feasibility studies and innovative engineering applications for all aspects of ground improvement, ground reinforcement and grouting relevant to engineers, specialist contractors and academics involved in all aspects of ground improvement.

Volume: 174 | Frequency: 4

ISSN: 1755-0750 | E-ISSN: 1755-0769

Online only: \$706

Online with print: \$939



Management, Procurement and Law

www.icevirtuallibrary.com/mapl

Editor: Simon Smith, University of Edinburgh, UK

Management, Procurement and Law publishes papers on all aspects of the management, procurement and legal aspects of running construction projects with an emphasis on issues such as quality, value, risk, environment and safety.

Volume: 174 | Frequency: 4

ISSN: 1751-4304 | E-ISSN: 1751-4312

Online only: \$594



IMPACT
FACTOR
1.739

Maritime Engineering

www.icevirtuallibrary.com/maen

Editor: Tom Bruce, University of Edinburgh, UK

Maritime Engineering publishes technical papers relevant to civil engineering in port, estuarine, coastal and offshore environments. Relevant to consulting, client and contracting engineers, researchers and academics, it focuses on safe and sustainable engineering in the salt-water environment.

Volume: 174 | Frequency: 4

E-ISSN: 1751-7737

Online only: \$335



IMPACT
FACTOR
0.761

Municipal Engineer

www.icevirtuallibrary.com/muen

Editor: Matthew Lugg, WSP, UK

Municipal Engineer publishes international coverage of the effect of civil engineering on local communities such as technical issues, political interface and community participation, the sustainability agenda, cultural context, and the key dimensions of procurement, management and finance.

Volume: 174 | Frequency: 4

ISSN: 0965-0903 | E-ISSN: 1751-7699

Online only: \$336



Smart Infrastructure and Construction

www.icevirtuallibrary.com/smic

Editor: Jennifer Schooling, University of Cambridge, UK;
Kenichi Soga, University of California Berkeley, USA

This journal documents the impact of the adoption of emerging digital technology in the design, construction and management of infrastructure assets. These changes will lead to greater efficiency, economy, adaptability and sustainability in the way our infrastructure is delivered and operated.

Volume: 174 | Frequency: 4

E-ISSN: 2397-8759

Online only: \$317



IMPACT
FACTOR
0.965

Structures and Buildings

www.icevirtuallibrary.com/stbu

Editor: Wendel Sebastian, University College London, UK

Covers the design and construction of civil engineering structures and the applied research associated with them including energy conservation, people movement within and around buildings, strength and durability of steel and concrete structural components, and the behaviour of components and systems.

Volume: 174 | Frequency: 12

ISSN: 0965-0911 | E-ISSN: 1751-7702

Online only: \$1531



IMPACT
FACTOR
1.099

Transport

www.icevirtuallibrary.com/tran

Editor: Mujib Rahman, Brunel University London, UK

Transport is essential reading for those needing information on civil engineering developments across all areas of transport. This journal covers all aspects of planning, design, construction, maintenance and project management for the movement of goods and people.

Volume: 174 | Frequency: 6

ISSN: 0965-092X | E-ISSN: 175-7710

Online only: \$478

Open Access options

We are committed to both sustainable and high-quality open access publishing. Open access articles are free at the point of publication and available globally via the internet with a CC-BY licence. As well as our Gold Open Access journal *Geotechnical Research*, we offer Green Open Access compliant with grant-funding bodies and Plan S.



www.icevirtuallibrary.com/librarians/oa

To find out more, or to arrange an open access agreement with us contact sales@icepublishing.com



Urban Design and Planning

www.icevirtuallibrary.com/urdp

Editor: Susan Parham, International Garden Cities Institute and University of Hertfordshire, UK

Addressing the design and planning of the built environment, this journal highlights the interfaces between urban policy, design, construction and management and the social, economic and environmental aspects of topics such as sustainable settlements, urban infrastructure and transport.

Volume: 174 | Frequency: 6

ISSN: 1755-0793 | E-ISSN: 1755-0807

Online only: \$587



Waste and Resource Management

www.icevirtuallibrary.com/warm

Editor: Katia Lasaridi, Harokopio University, Greece

Waste and Resource Management publishes research and practice papers on all civil engineering and construction aspects of the resource management cycle. It includes associated legislation, standards, socio-economic considerations and links with sustainable consumption and production.

Volume: 174 | Frequency: 4

E-ISSN: 1747-6534

Online only: \$460



IMPACT
FACTOR
0.965

Water Management

www.icevirtuallibrary.com/wama

Editor: Julien Harou, University of Manchester, UK

Water Management provides engineers and researchers with high quality, authoritative and stimulating information across a range of topics concerned with the technical management of water in natural and constructed systems.

Volume: 174 | Frequency: 6

ISSN: 1741-7589 | E-ISSN: 1751-7729

Online only: \$556

Resources to help you make the most of your subscription

Visit our online toolkit for flyers, tutorials, templates, call for papers and more to help you to share information with your users.

www.icevirtuallibrary.com/toolkit



Archives

ICE Publishing journal archives provide your users with access to 167 years of some of the most important research published in the field of civil engineering in a fully searchable platform. Content from the archive is still highly cited and respected in the field.

Key benefits for librarians:

- **E-only access**
- **Unlimited simultaneous users**
- **Outright purchase model**
- **No ongoing platform fee**
- **Fully searchable PDFs**
- **Full citation metrics**
- **Supports Shibboleth and Athens for ease of access**
- **COUNTER compliant usage reports to aid decision making**
- **Library branding available**
- **Secure archiving with Portico**
- **OpenURL links and DOIs at title, article and chapter level**
- **KBART records for easy listing and display**

ICE Complete Engineering Journals Archive

www.icevirtuallibrary.com/complete-engineering-archive

22 journals covering 1836-2002

Includes the Specialist Archive and an additional 5,000+ papers from the six individual journal archives also listed. Covers all aspects of civil engineering and construction including geotechnical engineering, construction materials, water, infrastructure and structures.

Online only: \$32,709

ICE Specialist Engineering Journals Archive

www.icevirtuallibrary.com/specialist-engineering-archive

16 journals covering 1836-2002

Includes the 19,000+ papers published in the ICE Proceedings journals which cover all aspects of civil engineering and construction.

Online only: \$29,038



Geotechnique Archive

www.icevirtuallibrary.com/geotechnique-archive

1948-2002

Géotechnique is one of the most cited engineering journals in the world with over 9900 citations, 62% of which are only available in the *Géotechnique* and Complete archives.

Online only: \$8,424

Magazine of Concrete Research

www.icevirtuallibrary.com/magazine-concrete-research-archive

1949-2002

Covers every aspect of concrete manufacture and behaviour from performance and evaluation of constituent materials to mix design, testing, durability, structural analysis and composite construction.

Online only: \$4,424

Advances in Cement Research Archive

www.icevirtuallibrary.com/advances-cement-research-archive

1987-2002

Highlights the scientific ideas and innovations within the cement manufacturing industry.

Online only: \$524

Civil Engineering Innovation Archive

www.icevirtuallibrary.com/civil-engineering-innovation-archive

2007-2009

Bilingual (English-Mandarin) papers that were specially selected from the ICE Proceedings journals in 2007, 2008 and 2009.

Online only: \$359

Geosynthetics International Archive

www.icevirtuallibrary.com/geosynthetics-international-archive

1994-2002

Official journal of the International Geosynthetics Society (IGS), contains information on geosynthetics technology in research, design innovation, materials and construction practice.

Online only: \$359

Structural Concrete Archive

www.icevirtuallibrary.com/structural-concrete-archive

2000-2010

The official journal of fib – International Federation for Structural Concrete – provides conceptual and procedural guidance in the field of concrete construction.

Online only: \$434



ICE eBook Collections

The most substantial civil engineering eBook collection in the world, our books provide a forum for dialogue between the worlds of research and practice. Our authors are leading subject matter experts and our books and eBooks provide a comprehensive source of specialist information for everyone involved in civil engineering and construction. There is coverage of global cases to support best practice.

Our comprehensive portfolio of eBooks includes reference works, edited collections, manuals, specifications and best practice guides. Providing complete coverage of all major disciplines in the field, we also publish titles covering recent developments and emerging subject areas, including flood resilience, temporary works, BIM, structure and building design, urban planning, professional practice and modern construction methods. We offer definitive civil engineering resources such as *CESMM4 Revised: Civil Engineering Standard Method of Measurement*, as well as commentaries on the NEC4 suite of contracts.



Customer benefits

- **Save up to 50% with eBook collections**
- **Unlimited simultaneous users**
- **Perpetual access with no hosting fee**
- **Supports Shibboleth and Athens for ease of access**
- **COUNTER compliant usage reports to aid decision making**
- **MARC records for cataloguing eBook content**
- **Library branding available**
- **Secure archiving with Portico**
- **OpenURL links and DOIs at title and chapter level**
- **No DRM**



The Complete ICE eBook Collection

www.icevirtuallibrary.com/complete-collection

The Complete ICE eBook Collection covers every major discipline in the field of civil engineering. Fully searchable across 13 subject specific areas, 1540 titles and over 400,000 pages, it constitutes the largest civil engineering eBook collection in the world.

Renowned works in the collection include *Shell Bitumen Handbook*, *Designing for Cycling Traffic*, *Underground Spaces Unveiled*, *Earthworks: A Guide* and the pioneering ICE Manual series, covering eight disciplines, with more being planned.

New volumes added to the collections include *Asset Management, Second edition*, *Seismic Design of Foundations: Concepts and applications*, *Energy and Mobility in Smart Cities* and *Environmental Impact Assessment Handbook*.

Collection discount: 50%

Titles: 1500+

Purchase: \$80,861

Subscription: \$20,465



eBOOK SUBJECT COLLECTIONS

Conference Proceedings Collection

www.icevirtuallibrary.com/conference-proceedings-collection

International conference and meeting proceedings covering all aspects of civil engineering. Includes *Engineering in Chalk*, organised by the British Geotechnical Association (BGA), with support from the Engineering Group of the Geological Society (EGGS).

Discount: 40%

Titles: 400+

Purchase: \$32,779

Subscription: \$8,199

Construction Materials Collection

www.icevirtuallibrary.com/construction-materials-collection

Covers all aspects of construction materials, includes titles such as *Design of Fire-resistant Concrete Structures*, which explains the physical processes that concrete materials experience when exposed to high temperatures.

Discount: 25%

Titles: 100

Purchase: \$13,708

Subscription: \$3,431



eBOOK SUBJECT COLLECTIONS

Contracts, Finance and Law Collection

www.icevirtuallibrary.com/contracts-finance-law-collection

Essential legal and financial analysis and information to help all those involved in the construction process. Includes titles such as *Delay and Disruption Claims in Construction, Third edition*.

Discount: 25%

Titles: 100+

Purchase: \$12,013

Subscription: \$3,007

Energy

www.icevirtuallibrary.com/energy-collection

This collection covers all aspects of energy and includes titles such as *Wind Turbine Foundations* and *Geothermal Energy, Heat Exchange Systems and Energy Piles*.

Discount: 25%

Titles: 100+

Purchase: \$8,460

Subscription: \$2,119

Engineering History Collection

www.icevirtuallibrary.com/engineering-history-collection

To understand our environment, we should understand how it developed. This collection looks at the history of civil engineering and includes titles such as *The Railway Metropolis*.

Discount: 25%

Titles: 200+

Purchase: \$8,101

Subscription: \$2,029

Environment Collection

www.icevirtuallibrary.com/environment-collection

This collection addresses many environmental issues and includes titles like *Contaminated Land Guidance, Third edition* and *Sustainable Infrastructure: Principles into practice*.

Discount: 25%

Titles: 100+

Purchase: \$11,198

Subscription: \$2,804

Eurocodes Collection

www.icevirtuallibrary.com/eurocodes-collection

Includes designers guides which interpret and assist use of the Eurocodes broken down by specific areas. They contain numerous references and concise worked examples.

Discount: 15%

Titles: 20+

Purchase: \$2,836

Subscription: \$709

Ground Engineering

www.icevirtuallibrary.com/ground-engineering-collection

Covers soil, rock and fluid mechanics, geo-environmental engineering, physical modelling, and engineering geology. Includes titles like *Geotechnical Design, Second edition* and *ICE Manual of Geotechnical Engineering*.

Discount: 30%

Titles: 200+

Purchase: \$18,272

Subscription: \$4,572

Evidence Based Acquisition (EBA)

A cost-effective way for academic, corporate and government libraries to evaluate and acquire content that meets the information needs of their users. With this acquisition model your library can maximise the return on investment with making informed decisions based on usage over a 12-month period.

Find out more: www.icevirtuallibrary.com/eba or [contact sales@icepublishing.com](mailto:sales@icepublishing.com)



Management Collection

www.icevirtuallibrary.com/management-collection

Provides leadership and management strategies for engineering projects, systems and businesses. Includes titles like *Asset Management, Second edition* and *BIM in Principle and in Practice, Second edition*.

Discount: 30%

Titles: 200+

Purchase: \$15,338

Subscription: \$3,839

NEC Commentaries Collection

www.icevirtuallibrary.com/nec-commentaries-collection

Looks at NEC contracts and how to successfully complete them. Includes titles like *Managing Reality, Third edition: Complete Set, NEC3: A User's Guide, NEC4 Practical Solutions* and *NEC3 and NEC4 Compared*.

Discount: 15%

Titles: 20+

Purchase: \$2,738

Subscription: \$685

Structures and Buildings Collection

www.icevirtuallibrary.com/structures-buildings-collection

Titles covering the design, strength, durability and behaviour of large structures, such as buildings, bridges, walls, dams and tunnels. Includes *Seismic Design of Foundations: Concepts and applications* and *Earthquake Design Practice for Buildings, Third edition*.

Discount: 30%

Titles: 300+

Purchase: \$25,852

Subscription: \$6,463

Transport Collection

www.icevirtuallibrary.com/transport-collection

Covers the planning, design, construction, maintenance and project management for the movement of goods and people. It includes *Designing for Cycle Traffic* and *Crossrail Project* titles.

Discount: 25%

Titles: 100+

Purchase: \$13,138

Subscription: \$3,284

Water and Wastewater Collection

www.icevirtuallibrary.com/water-wastewater-collection

Covering the procurement, planning, construction, operation and logistics of water resources and waste management such as *Long-term Hazard to Drinking Water Resources from Landfills* and *Basic Water Treatment, Sixth edition*.

Discount: 30%

Titles: 200+

Purchase: \$16,805

Subscription: \$4,205

2021 Annual Collection

www.icevirtuallibrary.com/annual-collection

Purchase titles publishing this year. This is expected to include *Infrastructure in a Circular Economy, ICE Manual of Bridge Engineering, Third edition* and *Practical Guide to Waste Management Law, Second edition*.

Discount: 15%

Titles: 20+

Purchase: \$2,298



INDIVIDUAL JOURNALS	Volume	Issues	Online	with print
Engineering Research Journals (pages 8-9)				
Advances in Cement Research	33	12	\$1,104.00	
Dams & Reservoirs	31	4	\$605.00	
Environmental Geotechnics	8	8	\$869.00	
Geosynthetics International	28	6	\$1,280.00	
Géotechnique	71	12	\$1,213.00	\$1,616.00
Géotechnique Letters	11	*	\$977.00	
Infrastructure Asset Management	8	4	\$649.00	
International Journal of Physical Modelling in Geotechnics	21	6	\$724.00	
Journal of Environmental Engineering and Science	16	4	\$1,254.00	
Magazine of Concrete Research	73	24	\$1,609.00	\$2,072.00
Specialist (ICE Proceedings) Journals (pages 10-13)				
Bridge Engineering	174	4	\$860.00	\$1,086.00
Civil Engineering	174	6	\$344.00	
Construction Materials	174	6	\$770.00	
Energy	174	4	\$494.00	
Engineering and Computational Mechanics	174	4	\$475.00	
Engineering History and Heritage	174	4	\$481.00	
Engineering Sustainability	174	8	\$876.00	
Forensic Engineering	174	4	\$419.00	
Geotechnical Engineering	174	6	\$638.00	
Ground Improvement	174	4	\$706.00	\$939.00
Management, Procurement and Law	174	4	\$594.00	
Maritime Engineering	174	4	\$335.00	
Municipal Engineer	174	4	\$336.00	
Smart Infrastructure and Construction	174	4	\$317.00	
Structures and Buildings	174	12	\$1,531.00	
Transport	174	6	\$478.00	
Urban Design and Planning	174	6	\$587.00	
Waste and Resource Management	174	4	\$460.00	
Water Management	174	6	\$556.00	
ICE Science (page 7)				
Bioinspired, Biomimetic and Nanobiomaterials	10	4	\$977.00	
Emerging Materials Research	10	*	\$1,073.00	
Green Materials	9	4	\$977.00	
Nanomaterials and Energy	10	*	\$990.00	
Surface Innovations	9	5	\$1,073.00	
Gold Open Access (page 8)				
Geotechnical Research	8	4	FREE	

*Continuous publication

COLLECTIONS

Journal Collections (pages 4-6)

	Discount	Contains	Online	with print
Complete Engineering Journals Collection	54%	Current Engineering Collection and Complete Engineering Journal Archive	\$16,506.00	\$18,826.00
Current Engineering Journals Collection	40%	All Engineering Research and Specialist Engineering journals	\$12,796.00	\$15,119.00
Specialist (ICE Proceedings) Journals Collection	30%	All Specialist (ICE Proceedings) Engineering Journals	\$7,906.00	\$8,778.00
ICE Science Collection*	20%	All five ICE Science journals	\$4,067.00	

* A further 10 discount is available when added to an existing Engineering Collection

Journal Archives e-only (pages 14-15)

	Contains	Purchase
Complete Engineering Journals Archive	Specialist (ICE Proceedings) journal archive 1836-2002 with all individual journal archives listed below	\$32,709.00
Specialist (ICE Proceedings) Engineering Journals Archive	Specialist (ICE Proceedings) journals 1836-2002	\$29,038.00
Géotechnique	1948-2002	\$8,424.00
Magazine of Concrete Research	1949-2002	\$4,424.00
Advances in Cement Research	1987-2002	\$524.00
Civil Engineering Innovation	2007-2009	\$359.00
Structural Concrete	2000-2010	\$434.00
Geosynthetics International	1994-2002	\$359.00

2021 eBook Collections (pages 16-19)

	Discount	Purchase	Subscription
Complete eBook Collection	50%	\$80,861.00	\$20,465.00
Conference Proceedings Collection	40%	\$32,779.00	\$8,199.00
Construction Materials Collection	25%	\$13,708.00	\$3,431.00
Contracts, Finance and Law Collection	25%	\$12,013.00	\$3,007.00
Energy Collection	25%	\$8,460.00	\$2,119.00
Engineering History Collection	25%	\$8,101.00	\$2,029.00
Environment Collection	25%	\$11,198.00	\$2,804.00
Eurocodes Collection	15%	\$2,836.00	\$709.00
Ground Engineering Collection	30%	\$18,272.00	\$4,572.00
Management Collection	30%	\$15,338.00	\$3,839.00
NEC Commentaries Collection	15%	\$2,738.00	\$685.00
Structures and Buildings Collection	30%	\$25,852.00	\$6,463.00
Transport Collection	25%	\$13,138.00	\$3,284.00
Water and Wastewater Collection	30%	\$16,805.00	\$4,205.00
Annual Collection	15%	\$2,298.00	
Pre 2021 Annual Collections			POA
Evidence Based Acquisition		\$15,000.00	

Customised collections available on request. NOTE: Multi-disciplinary titles are included in more than one eBook collection

ICE Premier Collection 2021 (page 4)

	Subscription
Everything we've ever published at one great price	\$33,277.00

Contact us

ICE Publishing

Telephone: +44 (0)20 7665 2460

Email: sales@icepublishing.com

Or contact our regional sales agents

Australia & New Zealand

Ollexi Publishing Services

Natalie Blanchard

Phone: +61 (0)422 44 34 11

Email: natalie.blanchard@icepublishing.com

China

Charlesworth China

Nopoo Li

Tel: +86 (10) 5869 6201

Email: nopoo_li@charlesworth.com.cn

www.charlesworth.com.cn

Czech Republic & Slovakia

Albertina icome Praha s.r.o.

Tel.: +420 222 231 212

Fax: +420 222 231 313

VAT ID CZ49612158

E-mail: aip@aip.cz

Germany, Austria & Switzerland

SAM - Standards and More GmbH & Co. KG

Tel: +49 89 25 54 48 2-0

Email: www.standardsandmore.com

Hong Kong

InfoAccess & Distribution (HK) Ltd

Tel: +852 2572 7228

Fax: +852 2575 8822

Email: info.hk@igroupnet.com

www.infoaccess.com.hk

India

Accucoms

Chandrima Roy

Tel: +91 11 45719347

Tel: +91 99 11555451

Email: chandrima@accucoms.com

www.accucoms.com

Indonesia

iGroup (Asia Pacific) Ltd

Tel: +6221 6385 3006

Fax: +6221 3686 3644

Email: info.indo@igroupnet.com

www.igroupnet.com

Japan

Maruzen-Yushodo Co Ltd

Tel: 81-3-6367-6047

Email: e-support@maruzen.co.jp

www.yushodo.maruzen.co.jp/

Latin America

ITMS Group

Tel: +1 305 826 6191

Fax: +1 305 826 6195

Email: ingrid.serrano@itmsgroup.net

www.itmsgroup.net

Malaysia

Access Dunia Sdn Bhd

Tel: 603 5569 1379

Fax: 603 55691459

Email: sales@accessdunia.com.my

www.accessdunia.com.my

Poland

ABE-IPS SP. z o.o.

Tel: +48 22 654 0675

Email: info@abe.pl

www.abe.pl

Philippines

Libtech Source Philippines Inc

Tel: +63 2808 1191

Fax: +63 2836 7935

Email: Info.ph@igroupnet.com

www.igroupnet.com

Print Division: info.ph@igrouppress.com

Singapore

InfoHOST Pte Ltd

Tel: +65 6741 8422

Fax: +65 6741 8821

Email: info.sg@igroupnet.com

www.igroupnet.com

South Africa

WorldWide Information Services

Tel: +27 11 789-9947

Fax: +27 11 789-9967

Email: info@wwis.co.za

http://www.wwis.co.za

South Korea

Shinwon Datanet Co., Ltd.

Tel: +8223263535

Fax: +8223260219

Email: info@shinwon.co.kr

www.shinwon.co.kr

Taiwan

FlySheet Info-Aggregate Services Co., Ltd.

Kris Hsu

Tel: +886-2-2657-5996 ext.535

Mobile: +886 926 594 079

Email: krishsu@flysheet.com.tw

http://econtent.flysheet.com.tw

Thailand

Book Promotion & Service Co. Ltd

Tel: +66 2769 3888

Fax: +66 2379 5182

Email: info.th@igroupnet.com

www.book.co.th

Turkey

Online Bilgi Hizmetleri A.S.

Tel: +90 216 6932272

Tel: +90 312 4281356

Fax: +90 216 6932274

Email: sales@onlinebilgi.com.tr

www.onlinebilgi.com.tr

USA & Canada

Publishers Communication Group

Tom Burnosky

Tel: +1 617 395 4057

Fax: +1 617 354 6875

Email: kcburn@pcgplus.com

Vietnam

iGroup (Asia Pacific) Ltd

Tel: +844 39 333 046

+844 39 333 047

Fax: +844 39 333 048

Email: marketing.igvn@igroupnet.com

www.igroupnet.com

Subscriptions Information

Terms and Conditions

Price and Payment Information

Prices are exclusive of VAT. UK customers will be asked to pay VAT where appropriate. Customers based in the EU outside the UK will be charged VAT at their national rate, where appropriate. Unless we are supplied with a local VAT registration number.

All subscriptions are based on calendar year and must be prepaid.

Subscriptions may be paid by BACS or cheque, crossed and made payable to 'ICE Publishing' and sent to: ICE Publishing, One Great George Street, Westminster, London, SW1P 3AA. We also accept Mastercard and Visa.

Prices are subject to change.

Online Access

ICE Virtual Library is compatible with major library systems and link resolver products including those from Serials Solutions, ExLibris, EBSCO and OCLC.

ICE Publishing operates a 'fixed wall' access policy with backfiles dating from 2003 provided during the paid subscription term.

ICE Journals and eBooks are available on the ICE Virtual Library www.icevirtuallibrary.com

Access is made available by IP address or Federated Access (Shibboleth, Athens).

Claims

Claims for damaged goods must be made within 14 days of receipt of the product.

Claims for missing issues of journals should be made within four months from the date of publication.

Claims for non-receipt of print books must be made within three months of placing the order.

Returns/Cancellation Policy

Cancellations or part volumes/years cannot be accepted.

Cancellations cannot be made after the publication of the first issue.

An administration charge may be levied when refunding duplicate subscriptions/payments.

All returns must be authorised before dispatch. Authorisation should be requested from sales@icepublishing.com

GDPR

ICE Publishing is registered under the Data Protection Act 1998. Your name and contact details may be included in a computerised mailing system in order to keep you informed of new products and marketing purposes. If you do not wish to receive such information, please write and inform us at sales@icepublishing.com.

Title and Risk

Goods remain the property of ICE Publishing until payment is made in full.

Governing Law and Jurisdiction

These terms and conditions shall be governed by and construed in accordance with English law.

Enquiries and Ordering

To place an order, discuss our collections, or for any sales queries, please use the details below:

Email: sales@icepublishing.com | Telephone: +44 (0)20 7665 2460

Or alternatively, contact us at the address below:

ICE Publishing, One Great George Street, Westminster, London, SW1P 3AA, UK

For other enquiries, please contact: info@icepublishing.com

