

ICE Virtual Library - User Guide



This presentation will guide you through searching the Virtual library and using some of its different functions.

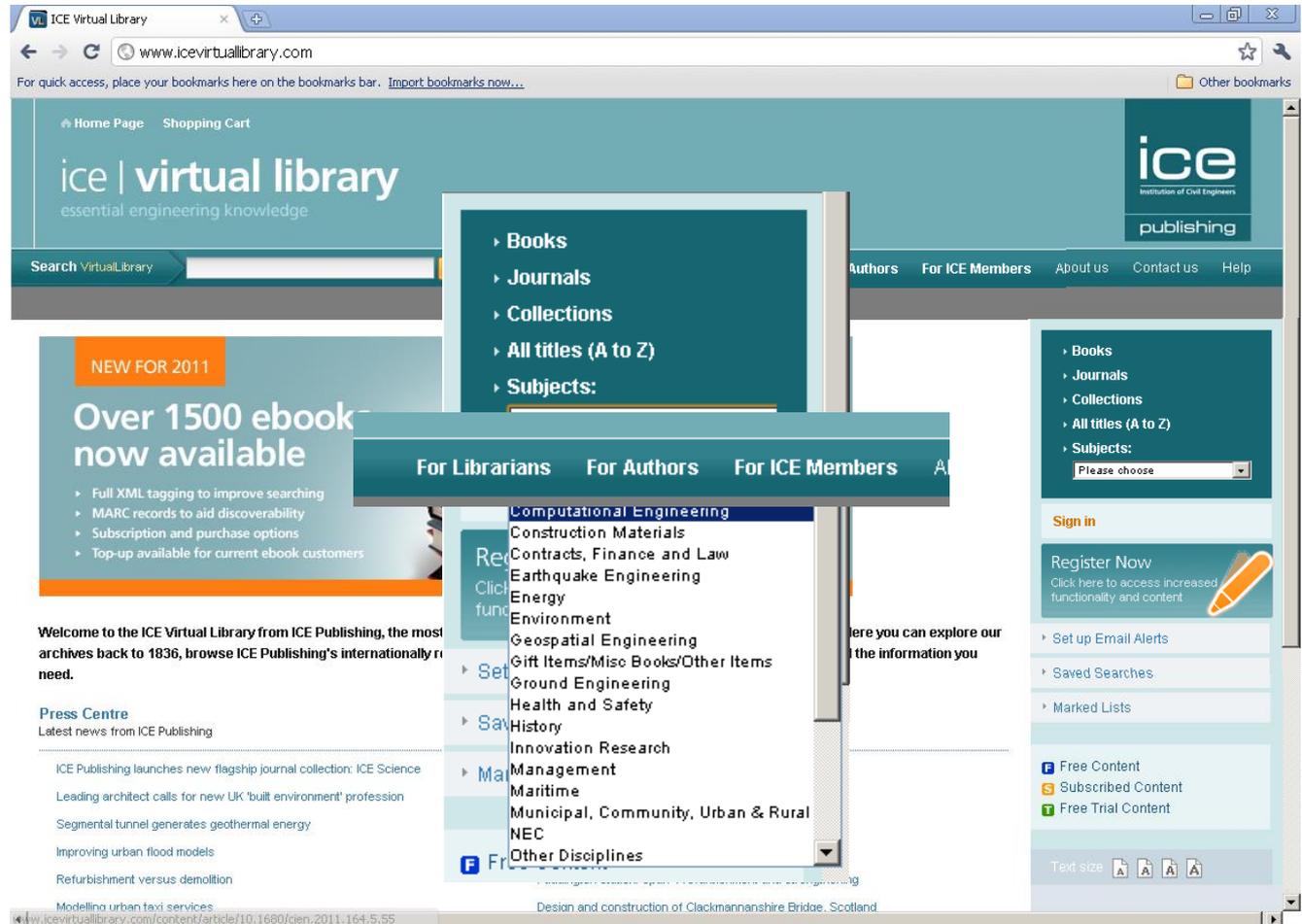
This includes:

- **Navigating from the home page**
- **Using the quick search function**
- **Using the advanced search**
- **Viewing articles in PDF and HTML format**
- **Saving searches, setting up a marked list and using email alerts to find out about latest content**
- **Using the administration area to personalize your Virtual Library, view usage statistics and edit passwords and account information**

Homepage

Navigate to books relevant areas and collections by clicking on the links shown here.

Or browse by subject using the drop down menu.



Using the Quick Search

Perform a quick search by typing the words into the tool bar.

You can also use double quotes to search an exact phrase.

The screenshot shows the ICE Virtual Library website interface. At the top, there is a navigation bar with links for Home Page, Shopping Cart, and a search bar. The search bar contains the text "Search VirtualLibrary" and a "Go" button. Below the search bar, there is a banner for "Over 1500 ebooks now available" with a "NEW FOR 2011" tag. The search bar is highlighted with a yellow border, and the text "prestressed concrete bridges" is entered. To the right of the search bar, there are links for "Advanced" search and "For Librarians", "For Authors", "For ICE Members", "About us", "Contact us", and "Help". Below the banner, there is a "Welcome to the ICE Virtual Library" message. The page is divided into sections for "Press Centre" and "May's Most Popular Articles". The "Press Centre" section lists several articles, and the "May's Most Popular Articles" section lists several articles. On the right side, there is a sidebar with links for "Books", "Journals", "Collections", "All titles (A to Z)", "Subjects", "Register Now", "Set up Email Alerts", "Saved Searches", "Marked Lists", "Free Content", "Subscribed Content", and "Free Trial Content".

Using the Advanced Search

On the home page you can also select the 'Advanced' search option, located here.

The screenshot shows the ICE Virtual Library website. At the top, there is a navigation bar with links for Home Page and Shopping Cart. The main header features the 'ice | virtual library' logo and the tagline 'essential engineering knowledge'. Below this is a search bar with a 'Go' button and an 'Advanced' search option highlighted by a callout box. The page also includes a 'NEW FOR 2011' banner for over 1500 ebooks, a 'Sign in' section, and a 'Register Now' section. The main content area is divided into 'Press Centre' and 'May's Most Popular Articles' sections.

NEW FOR 2011
Over 1500 ebooks now available

- Full XML tagging to improve searching
- MARC records to aid discoverability
- Subscription and purchase options
- Top-up available for current ebook customers

Welcome to the ICE Virtual Library from ICE Publishing, the most comprehensive online civil engineering resource in the world. Here you can explore our archives back to 1836, browse ICE Publishing's internationally renowned journals and access over 1,500 print and ebooks to find the information you need.

Press Centre
Latest news from ICE Publishing

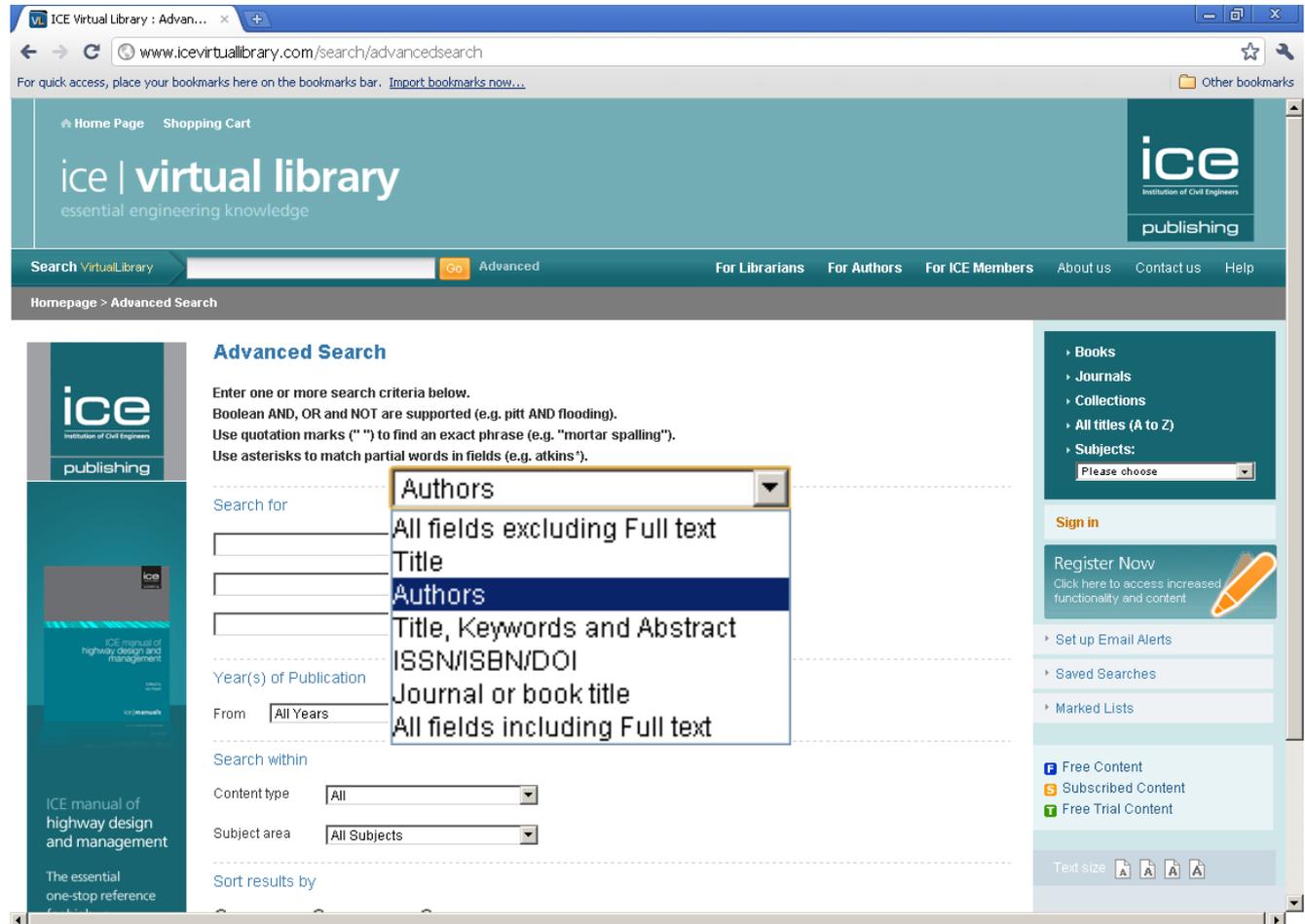
- ICE Publishing launches new flagship journal collection: ICE Science
- Leading architect calls for new UK 'built environment' profession
- Segmental tunnel generates geothermal energy
- Improving urban flood models
- Refurbishment versus demolition
- Modelling urban taxi services

May's Most Popular Articles
The most popular articles from the site

- Delivering London 2012: organisation and programme
- Delivering London 2012: master planning
- Delivering London 2012: spectator transport
- Delivering London 2012: procurement
- Paddington station: span 4 refurbishment and strengthening
- Design and construction of Clackmannanshire Bridge, Scotland

Using the Advanced Search

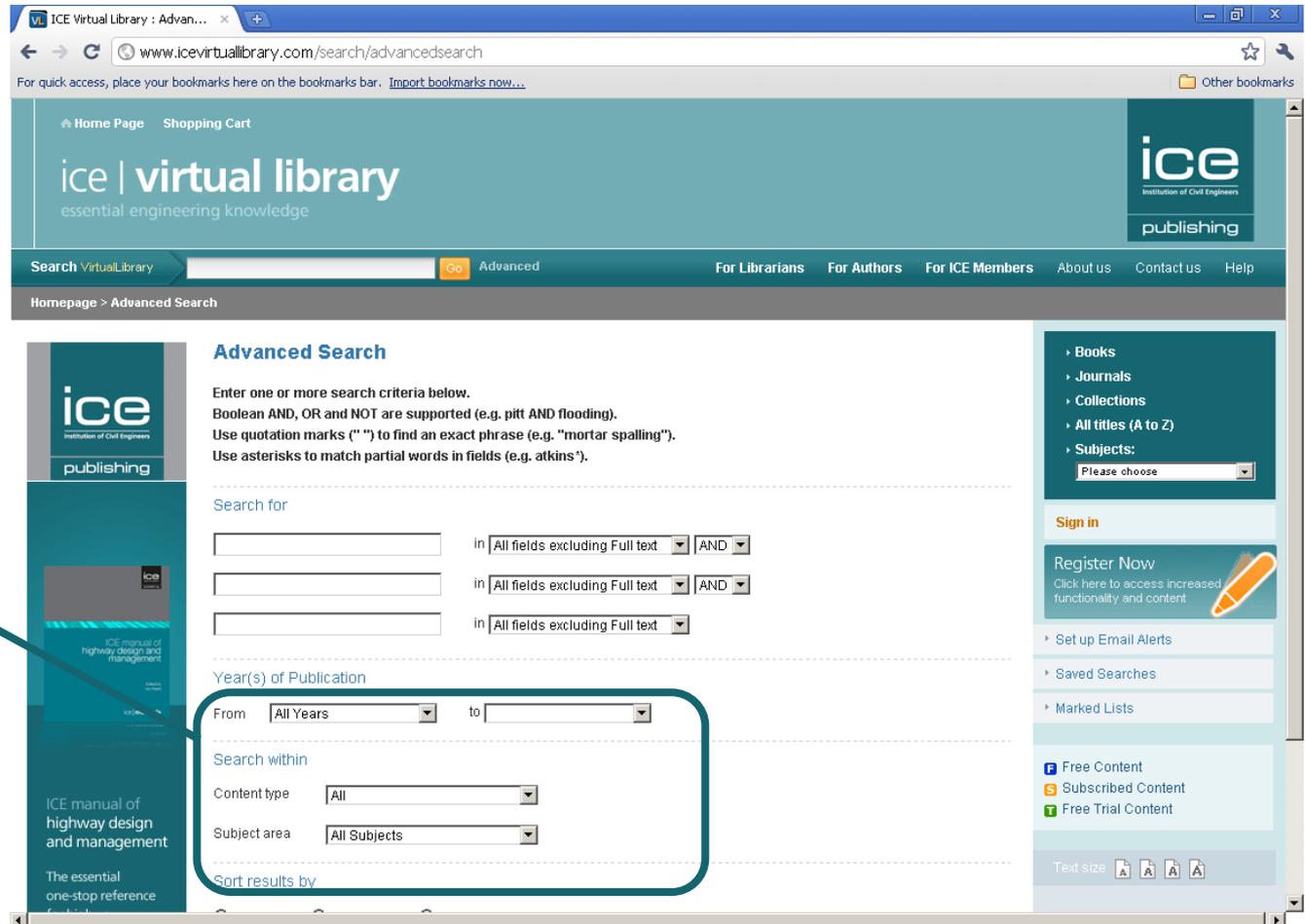
On the advanced search page you can narrow your search criteria using the drop down menus



Using the Advanced Search

There are drop down menus to limit searches

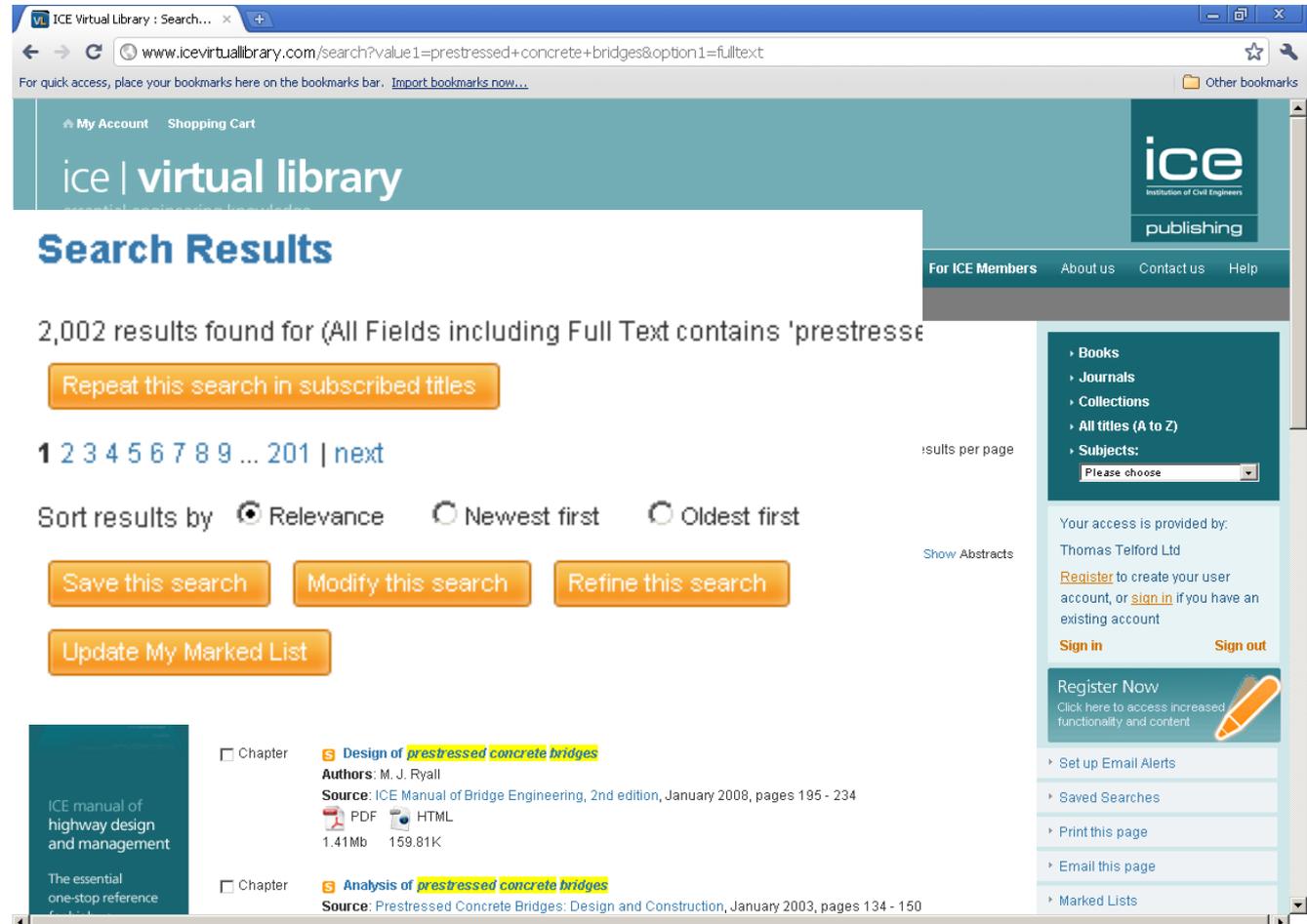
You can limit searches to books or journals, by subject area or by year of publication.



Refining your search

When you have your search, you can refine it to only the items to which you are subscribed.

You can also choose to sort the search by relevance, or have newest or oldest items first.



ICE Virtual Library : Search... x

www.icevirtualibrary.com/search?value1=prestressed+concrete+bridges&option1=fulltext

For quick access, place your bookmarks here on the bookmarks bar. [Import bookmarks now...](#) Other bookmarks

My Account Shopping Cart

ice | virtual library

Search Results

2,002 results found for (All Fields including Full Text contains 'prestressed concrete bridges')

[Repeat this search in subscribed titles](#)

1 2 3 4 5 6 7 8 9 ... 201 | next

Sort results by Relevance Newest first Oldest first

[Save this search](#) [Modify this search](#) [Refine this search](#)

[Update My Marked List](#)

Results per page:

Show Abstracts:

Your access is provided by: Thomas Telford Ltd

[Register](#) to create your user account, or [sign in](#) if you have an existing account

[Sign in](#) [Sign out](#)

Register Now
Click here to access increased functionality and content

- Set up Email Alerts
- Saved Searches
- Print this page
- Email this page
- Marked Lists

<input type="checkbox"/> Chapter	Design of prestressed concrete bridges Authors: M. J. Ryall Source: ICE Manual of Bridge Engineering, 2nd edition, January 2008, pages 195 - 234 PDF HTML 1.41Mb 159.81K
<input type="checkbox"/> Chapter	Analysis of prestressed concrete bridges Source: Prestressed Concrete Bridges: Design and Construction, January 2003, pages 134 - 150

Viewing your search results

The key point is that whether the article is online or in a printed format, it is available to subscribers, and that is publicly available.

ICE Virtual Library : Search... x

www.icevirtuallibrary.com/search?value1=prestressed+concrete+bridges&option1=fulltext

For quick access, place your bookmarks here on the bookmarks bar. [Import bookmarks now...](#) Other bookmarks

ICE manual of highway design and management
Apply guidance to your projects quickly and easily
[find out more >](#)

Chapter **Source:** ICE Proceedings, Volume 20, Issue 1, September 1961, pages 1 - 18
PDF
4.34Mb

Chapter **S** **Design of prestressed concrete**
Authors: M. J. Ryall
Source: ICE Manual of Bridge Engineering
PDF HTML
1.41Mb 159.81K

Chapter **S** **Analysis of prestressed concrete**
Source: Prestressed Concrete
PDF
1.26Mb

Article **F** **DISCUSSION: THE**
Authors: F TURTON, SPINDEL, N W W C WEST
Source: ICE Proceedings
PDF
2.75Mb

Article **S** **New trends in prestressed concrete**
Authors: M. Virlogeux
Source: Structural Concrete, Volume 10
PDF HTML
2.40Mb 168.32K

Chapter **S** **Condition Survey of Romanian Bridges**
Authors: C Mircea, M Filip, E Ciocoi, S Cionca
Source: Repair and Renovation of Concrete Structures, January 2005, pages 25 - 30
PDF
475.19K

Article **S** **CABLE DESIGN FOR CONTINUOUS PRESTRESSED CONCRETE BRIDGES.**
Authors: CJ BURGOYNE

Register Now
Click here to access increased functionality and content

[Set up Email Alerts](#)

[Saved Searches](#)

[Print this page](#)

[Email this page](#)

[Marked Lists](#)

[Export Options](#)
Plain text
EndNote
BibTeX

[Free Content](#)
[Subscribed Content](#)
[Free Trial Content](#)

Text size [A](#) [A](#) [A](#) [A](#)

F **F**
S **S**
T **F**

[Set up Email Alerts](#)
[Saved Searches](#)
[Print this page](#)
[Email this page](#)
[Marked Lists](#)
[Export Options](#)
Plain text
EndNote
BibTeX

Viewing your search results

You can select the searches to show abstracts of the titles or hide them if you prefer.

For more details on a specific article click the title.

The screenshot shows the ICE Virtual Library search results page. The browser address bar displays the URL: www.icevirtuallibrary.com/search?value1=prestressed+concrete+bridges&option1=fulltext. The page header includes navigation links for 'My Account' and 'Shopping Cart', and the ICE logo with the tagline 'essential engineering knowledge'. A search bar contains the text 'VirtualLibrary' and a 'Go' button. Below the search bar, there are links for 'Advanced', 'For Librarians', 'For Authors', 'For ICE Members', 'About us', 'Contact us', and 'Help'. The main content area is titled 'Search Results' and shows 2,002 results found for the search term. It includes a 'Repeat this search in subscribed titles' button, a 'Display 10 results per page' dropdown, and sorting options: 'Sort results by Relevance', 'Newest first', and 'Oldest first'. There are also buttons for 'Save this search', 'Modify this search', 'Refine this search', and 'Update My Marked List'. A 'Hide / Show Abstracts' button is highlighted with a callout box. The search results list includes three entries: 1. 'THREE PRESTRESSED CONCRETE RAILWAY BRIDGES.' by F TURTON, source: ICE Proceedings, Volume 20, Issue 1, September 1961, pages 1 - 18. 2. 'Design of prestressed concrete bridges' by M. B. RYAN, source: ICE Manual of Bridge Engineering, 2nd edition, January 2008, pages 195 - 234. 3. 'Analysis of prestressed concrete bridges' by M. B. RYAN, source: Prestressed Concrete Bridges: Design and Construction, January 2003, pages 134 - 150. A sidebar on the left shows a book cover for 'ICE manual of highway design and management'. A sidebar on the right contains navigation links for 'Books', 'Journals', 'Collections', 'All titles (A to Z)', and 'Subjects:'. It also includes a section for 'Your access is provided by: Thomas Telford Ltd' with 'Register' and 'Sign in' buttons, and a 'Register Now' section with a 'Click here to access increased functionality and content' link and an orange pencil icon.

Article overview

On the summary page select 'More like this', and click on the author(s) of your choice to view more articles by this person.



The screenshot shows a web browser window displaying the ICE Virtual Library page for the article "Design of prestressed concrete bridges". The page includes a search bar, navigation links, and a sidebar with a "More like this?" button highlighted by a red box. The article details include the author M. J. Ryall, source information, and ISBNs. The main content area contains a chapter summary and a list of related articles.

ICE Virtual Library : Design ... x

www.icevirtualibrary.com/content/chapter/mobe.34525.0195

For quick access, place your bookmarks here on the bookmarks bar. [Import bookmarks now...](#) Other bookmarks

My Account Shopping Cart

ice | virtual library
essential engineering knowledge

ice
Institution of Civil Engineers
publishing

Search VirtualLibrary Go Advanced For Librarians For Authors For ICE Members About us Contact us Help

Homepage > Books > ICE Manual of Bridge Engineering, 2nd edition > Chapter

Design of prestressed concrete bridges

Author: M. J. Ryall
Source: ICE Manual of Bridge Engineering, 2nd edition, 2008
Hardbound ISBN: 978-0-7277-3452-5
Ebook ISBN: 978-0-7277-3802-8
Format: Hardbound, Electronic

« Previous Chapter | Table of Contents | Next Chapter » | « Back to Search Results

HTML 159.81K PDF 1.41Mb

Add to Marked List

More like this?

Chapter Summary

This chapter provides coverage on all aspects of the design and construction of prestressed concrete bridges, from the fundamentals of prestressing and the equipment used, to insight into the problems that can occur and how they have been dealt with in different projects around the world.

It explains key issues for the designer to consider and provides guidance to the site engineer on some of the techniques and temporary works used in their construction. Simple in situ and precast beam bridges are described along with the more advanced techniques of precast segmental and incrementally launched decks. Both pretensioning and post-tensioning are included as well as precast and in situ construction. Recent developments in the use of non-metallic materials to improve the durability of prestressing systems and higher strength concrete are included to show how prestressed concrete bridges are likely to develop in the future.

Books
Journals
Collections
All titles (A to Z)
Subjects: Please choose

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Thomas Telford Ltd
[Register](#) to create your user account, or [sign in](#) if you have an existing account
[Sign in](#) [Sign out](#)

Register Now
Click here to access increased functionality and content

Set up Email Alerts
Saved Searches
Print this page
Email this page
Marked Lists

Article overview

In the article summary you can also elect to view the article in PDF or HTML format.

Click on the logos shown here for the preferred format.

The screenshot shows the ICE Virtual Library website interface. At the top, there's a navigation bar with 'My Account' and 'Shopping Cart' links. The main header features the 'ice | virtual library' logo and the tagline 'essential engineering knowledge'. A search bar is present with a 'Go' button and an 'Advanced' search option. Below the header, there are links for 'For Librarians', 'For Authors', and 'For ICE Members', along with 'About us', 'Contact us', and 'Help'.

The main content area displays the article title 'Design of prestressed concrete bridges' in blue. Below the title, the author 'M. J. Ryall' is listed, followed by the source 'ICE Manual of Bridge Engineering, 2nd edition, 2008'. ISBN numbers for hardbound (978-0-7277-3452-5) and ebook (978-0-7277-3802-8) are provided, along with the format 'Hardbound, Electronic'. Navigation links include '« Previous Chapter', 'Table of Contents', 'Next Chapter »', and '« Back to Search Results »'.

Two format options are highlighted with a red box: 'HTML' (159.81K) and 'PDF' (1.41Mb). Below these is an 'Add to Marked List' button. Further down, there are links for 'More details' and 'More like this?'. The 'Chapter Summary' section begins with the text: 'This chapter provides coverage on all aspects of the design and construction of prestressed concrete bridges, from the fundamentals of prestressing and the equipment used, to insight into the problems that can occur and how they have been dealt with in different projects around the world.' It continues to explain key issues for the designer and provides guidance on techniques and temporary works used in construction, mentioning pretensioning, post-tensioning, precast segmental and incrementally launched decks, and the use of non-metallic materials to improve durability.

On the right side, there's a sidebar with a 'Books' section containing 'Journals', 'Collections', 'All titles (A to Z)', and 'Subjects:'. Below this, it states 'Your access is provided by: Thomas Telford Ltd' and offers options to 'Register' or 'Sign in'. A 'Sign out' button is also present. At the bottom of the sidebar, there's a 'Register Now' section with a pencil icon and a link to 'Click here to access increased functionality and content'. A list of user preferences is visible at the bottom of the sidebar, including 'Set up Email Alerts', 'Saved Searches', 'Print this page', 'Email this page', and 'Marked Lists'.

Viewing articles in PDF

In PDF format you can read the article like a document.

The screenshot shows a web browser window with the URL www.icevirtualibrary.com/docserver/fulltext/mobe.34525.0195.pdf?expires=1308069092&id=id&accname=id23325&checksum=56714721910119998032372. The page content includes:

ice | manuals

Design of prestressed concrete bridges

N. R. Hewson Hewson Consulting Engineers Ltd

This chapter provides coverage on all aspects of the design and construction of prestressed concrete bridges, from the fundamentals of prestressing and the equipment used, to insight into the problems that can occur and how they have been dealt with in different projects around the world.

It explains key issues for the designer to consider and provides guidance to the site engineer on some of the techniques and temporary works used in their construction. Simple in situ and precast beam bridges are described along with the more advanced techniques of precast segmental and incrementally launched decks. Both pre-tensioning and post-tensioning are included as well as precast and in situ construction. Recent developments in the use of non-metallic materials to improve the durability of prestressing systems and higher strength concrete are included to show how prestressed concrete bridges are likely to develop in the future.

Introduction

Prestressed concrete decks constitute a large proportion of the current bridge stock around the world. Since prestressing was introduced into concrete bridges in the early 1930s it has challenged the bridge engineer's imagination as new techniques developed, spans became longer and the appearance of bridges more important. In situ or precast concrete; simply supported, continuous or cable-stayed structures; beams, slabs or boxes; all feature in prestressed concrete bridges.

Concrete is strong in compression but weak in tension; however, prestressing of the concrete can be used to ensure that it remains within its tensile and compressive capacity. Prestressing is applied as an external force to the concrete, by the use of wires, strands or bars and can increase the capacity of concrete alone many times. The development of prestressed concrete bridges has given the bridge engineer increased flexibility in the selection of bridge form and in the construction techniques available, resulting in prestressed concrete frequently being the

tendons. For post-tensioning, the tendon is pulled using a jack and the force is transferred directly on to the hardened concrete, while for pretensioning the tendon is jacked against a temporary anchor frame before concreting and the force released from the anchor frame to the concrete when sufficient strength has developed. In these ways an external compressive force is applied to the concrete which can be used to counter the tensile stresses generated under the bending moments and shear forces present.

The concrete can be either fully prestressed, which ensures that the longitudinal stresses are always in compression, or partially prestressed which allows some tension to occur under certain loading conditions.

Materials

Concrete

The required strength of the concrete is determined by the compressive stresses generated in the concrete by the prestress and applied forces. A minimum strength of f_{cu} equal to 45 N/mm² is typical for prestressed concrete having it

CONTENTS	
Introduction	195
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Bridge construction and design	216
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Viewing eBooks in PDF

eBooks are
viewed in
PDF .

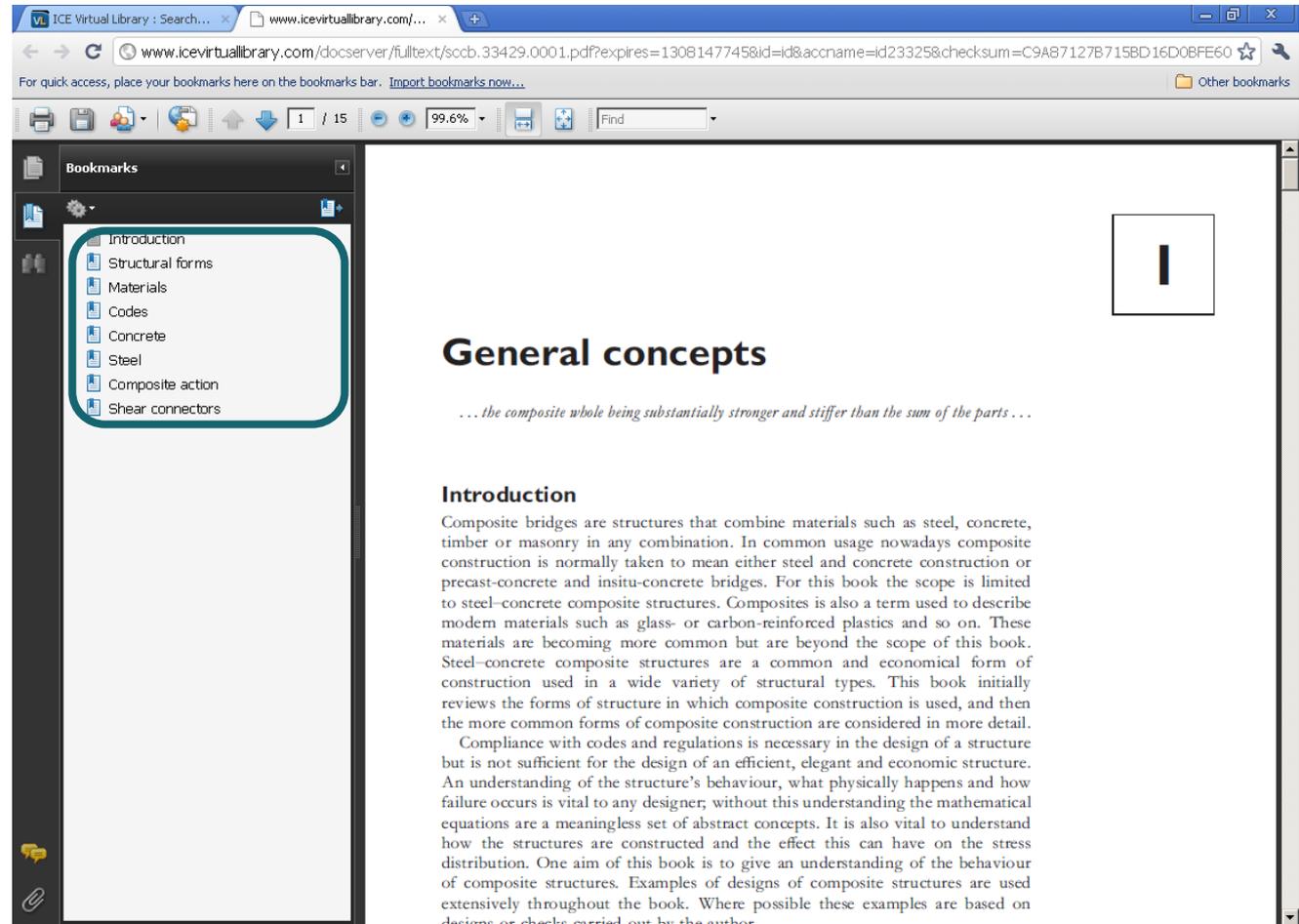
The screenshot displays the ICE Virtual Library interface. The browser address bar shows the URL www.icevirtualibrary.com/content/book/100014. The page features a sidebar on the left with the text "ICE manual of highway design and management" and "Apply guidance to your projects quickly and easily by engineers". The main content area lists several eBooks with checkboxes and "More details" links:

- Contents and Preliminary Pages** > More details
- Chapter 1 Effective stress and short term and long term stability** > More details
- Chapter 3 Immediate settlement**
 - pp. 56–86
 - Introduction
 - The use of elastic theory in soil mechanics
 - Elastic stress distributions
 - Elastic settlements
 - Heave of excavations
 - Estimates of undrained modulus
 - Seismic methods for measuring ground stiffness
 - PDF
 - 617.74K
- Chapter 5 Settlement analysis** > More details
- Chapter 6 Piled foundations** > More details

Additional features include a "Purchase this book" button, an "Update Marked List" button, and a "Register Now" section on the right with options for "Set up Email Alerts", "Saved Searches", "Marked Lists", "Free Content", "Subscribed Content", and "Free Trial Content".

Viewing eBooks in PDF

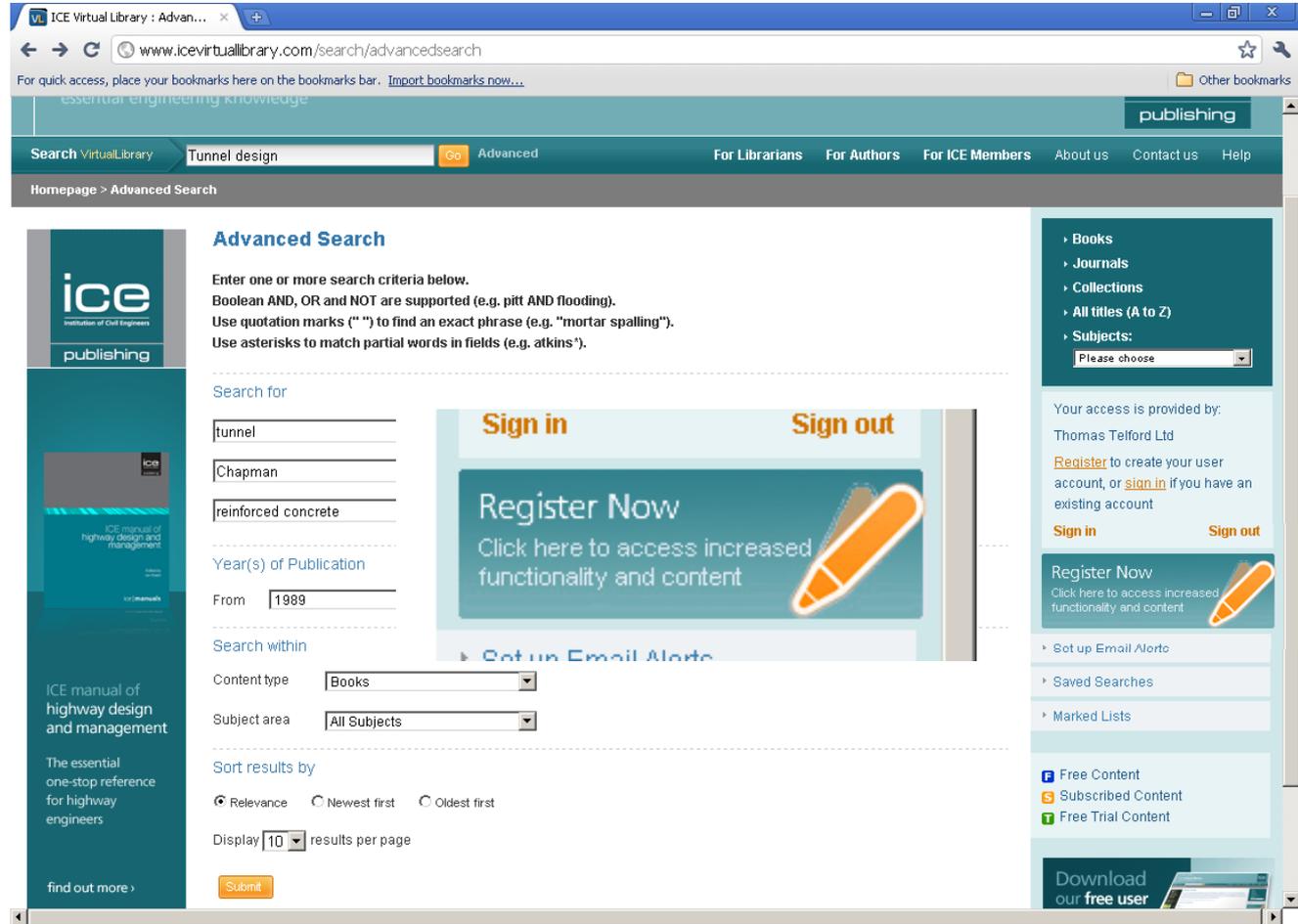
You can browse other chapters by selecting them on the left hand side.



Creating a user account

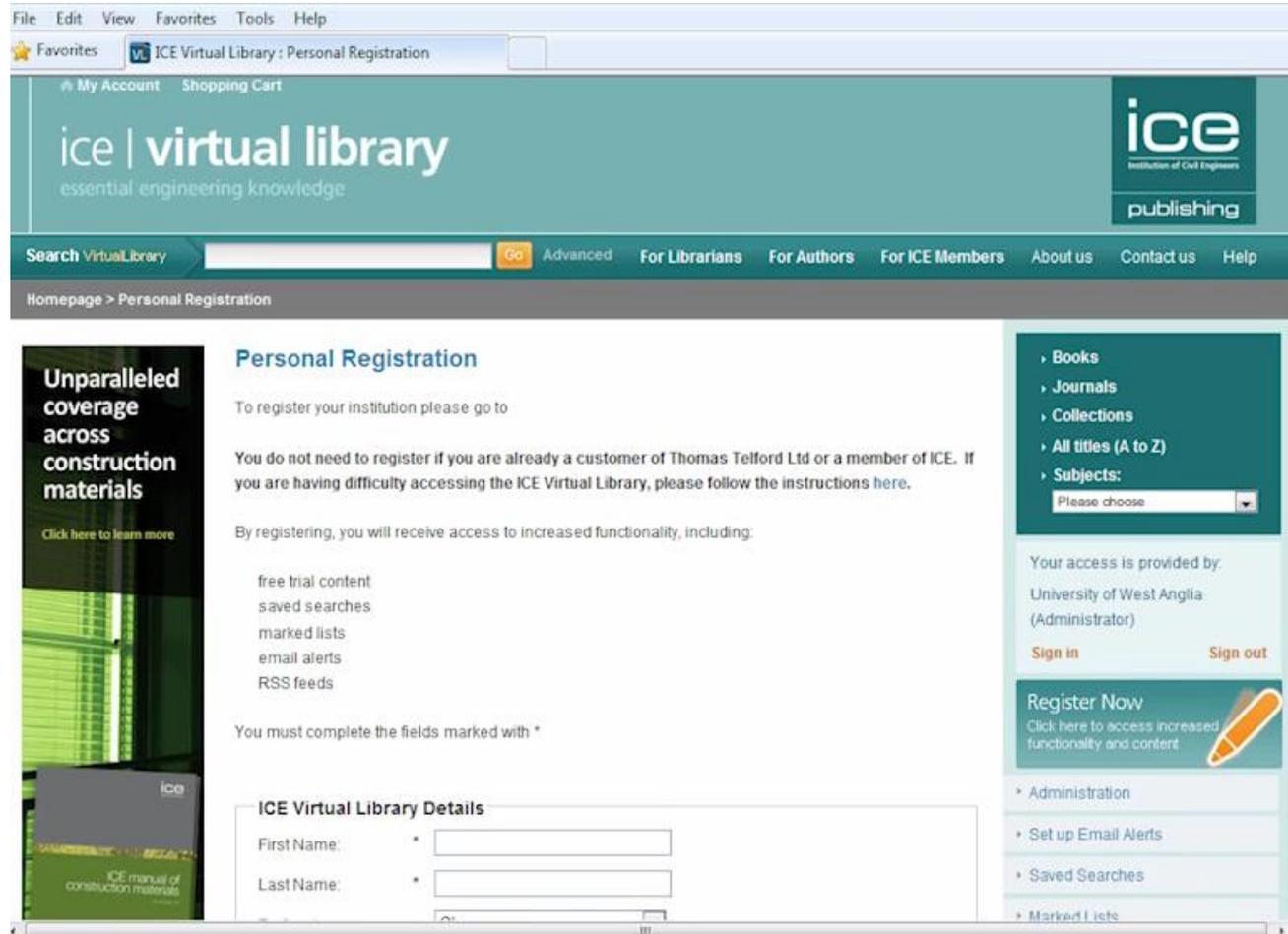
You may want to save a specific search so that it runs automatically when new content is uploaded.

This requires you to create a personal registration.



Creating a user account

To complete the personal registration form, fill out all the details and then create a user name and password.



The screenshot shows a web browser window displaying the 'ICE Virtual Library: Personal Registration' page. The browser's address bar shows the URL 'ICE Virtual Library: Personal Registration'. The page header includes the 'ice | virtual library' logo and the tagline 'essential engineering knowledge'. A navigation menu contains links for 'My Account', 'Shopping Cart', 'Search VirtualLibrary', 'Advanced', 'For Librarians', 'For Authors', 'For ICE Members', 'About us', 'Contact us', and 'Help'. The main content area is titled 'Personal Registration' and contains the following text:

To register your institution please go to

You do not need to register if you are already a customer of Thomas Telford Ltd or a member of ICE. If you are having difficulty accessing the ICE Virtual Library, please follow the instructions here.

By registering, you will receive access to increased functionality, including:

- free trial content
- saved searches
- marked lists
- email alerts
- RSS feeds

You must complete the fields marked with *

ICE Virtual Library Details

First Name: *

Last Name: *

On the right side of the page, there is a sidebar with a list of categories: Books, Journals, Collections, All titles (A to Z), and Subjects. Below this is a dropdown menu labeled 'Please choose'. Further down, it shows 'Your access is provided by: University of West Anglia (Administrator)' with 'Sign in' and 'Sign out' buttons. At the bottom of the sidebar, there is a 'Register Now' button with a pencil icon and a link to 'Click here to access increased functionality and content'. Below that are links for 'Administration', 'Set up Email Alerts', 'Saved Searches', and 'Marked Lists'.

Saving your search

You can now choose to save searches on their own...

The screenshot shows a web browser window with the address bar displaying "ICE Virtual Library : Search Results". The page title is "Search Results" and it indicates "833 results found for (All Fields including Full Text contains 'resonance')". There are several orange buttons for search management: "Repeat this search in subscribed titles", "Save this search", "Modify this search", "Refine this search", and "Update My List". A mouse cursor is hovering over the "Save this search" button. The search results are sorted by "Relevance" and displayed in a list format. The first result is an article titled "Machine Foundations and Soil Resonance" by Isaac Alpan, published in Géotechnique, Volume 11, Issue 2, June 1961, pages 95 - 113. The second result is "INFORMAL DISCUSSION. RESONANCES IN HARBOURS" by C TAYLOR, SECED, published in ICE Proceedings, Volume 44, Issue 1, September 1969, pages 65 - 66. The third result is "Modelling wave attenuation by submerged resonators" by T. V. Karambas, M. Gousidou, published in Proceedings of the ICE - Maritime Engineering, Volume 159, Issue 2, June 2006, pages 45 - 53. The page also features a sidebar with navigation options like "Books", "Journals", "Collections", and "Subjects", and a "Register Now" button. The ICE logo is visible in the bottom left corner of the page.

Saving your search

...or within a group of related searches, by selecting “to a new folder” in the drop down menu.

Explorer User Prompt

Script Prompt:
Please enter the new folder name:
Resonance

OK
Cancel

ice | virtual library
essential engineering knowledge

ice
Institution of Civil Engineers
publishing

Search VirtualLibrary Go Advanced For Librarians For Authors For ICE Members About us Contact us Help

Homepage > Saved Searches

Asset Management
The multi-disciplinary approach to managing physical assets

Saved Searches

Saved Searches Search History

to a new folder go

- Title: resonance
(All Fields including Full Text contains 'resonance')
(Hits 833)
show results
- Title: resonance
(All Fields including Full Text contains 'resonance')
(Hits 833)
show results
- Title: resonance
(All Fields including Full Text contains 'resonance')
(Hits 833)
show results
- Title: channel tunnel, Chapter
(All Fields including Full Text contains 'channel tunnel') AND (Content Type contains 'Chapter')

Books
Journals
Collections
All titles (A to Z)
Subjects:
Please choose

Your access is provided by:
University of West Anglia
(Administrator)
You are signed in as:
James Peach
Sign in Sign out

Register Now
Click here to access increased functionality and content

Administration
Setup Email Alerts

Saving your search

To receive a notification when new content is added that matches your search criteria, tick the receive email alert box shown here.

ice | virtual library
essential engineering knowledge

VirtualLibrary [Advanced](#) [For Librarians](#) [For Authors](#) [For ICE Members](#) [About us](#)

[Home](#) > [Saved Searches](#)

Saved Searches

	Receive email alert?	Add/move item to folder	Delete item or Folder
<input checked="" type="checkbox"/> Channel Tunnel			X
<input checked="" type="checkbox"/> Resonance			X
Title: resonance (All Fields including Full Text contains 'resonance' (run on 2010-11-05) show results	<input checked="" type="checkbox"/>		X

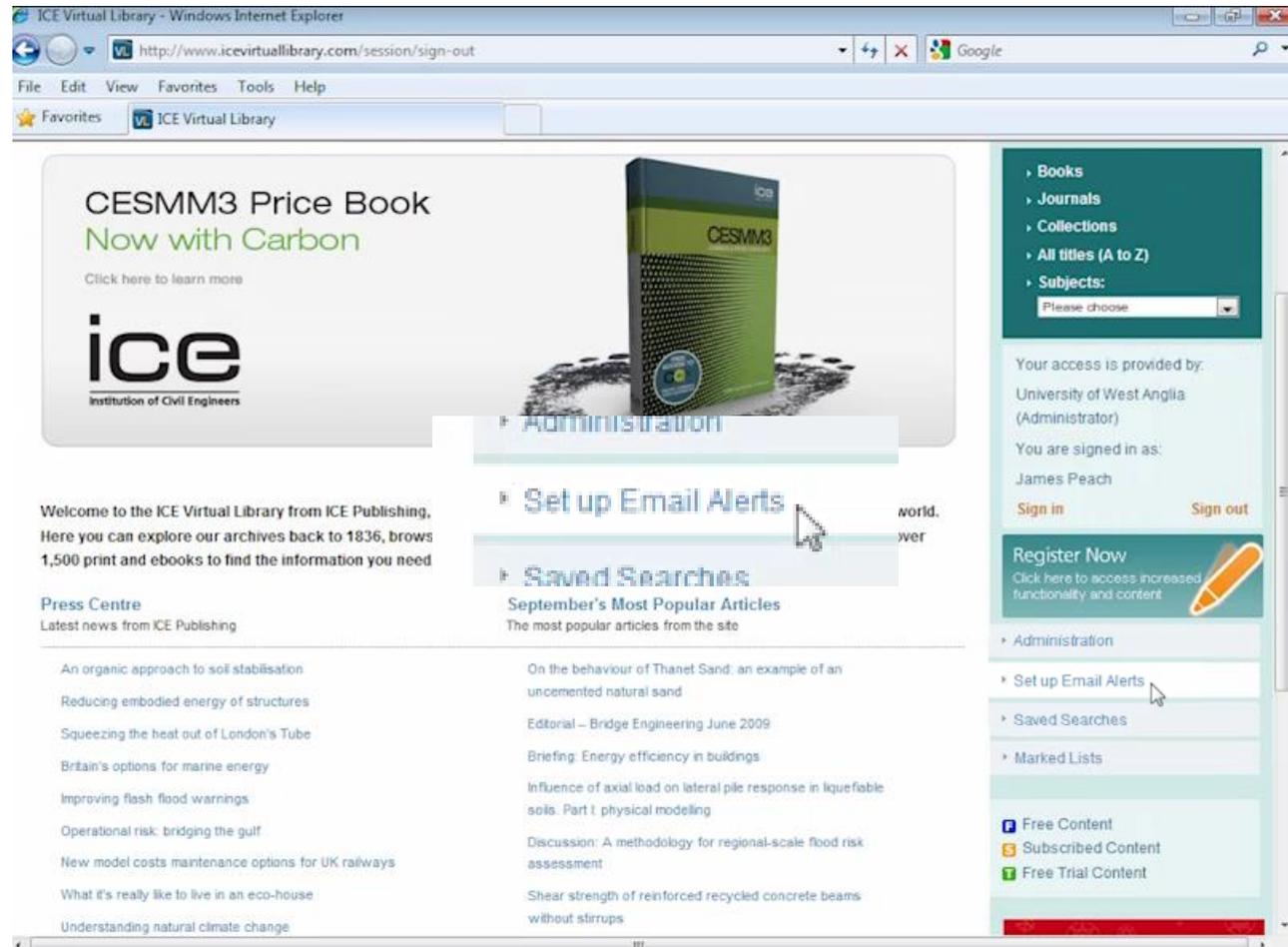
[Books](#)
[Journals](#)
[Collections](#)
[All titles](#)
[Subjects](#)

Your access:
University of
(Administrat
You are sign
James Pea
[Sign in](#)

Register N
Click here to s
functionality a
[Administrati](#)

Setting up email alerts

You can also choose to receive updates to the site from the home page.



Setting up email alerts

Updates will include new publications, new journal issues or new content in specified subject areas.

To do this click on the subject alerts link and go to the “add” tab.

ICE Virtual Library: Subject Alerts - Windows Internet Explorer
http://www.icevirtuallibrary.com/alerts/getalerts?alertContext=subject&view=add

ice | virtual library
essential engineering knowledge

Search VirtualLibrary [Go] Advanced For Librarians For Authors For ICE Members About us Contact us Help

Homepage > Subject Alerts

Subject Alerts

Current Add

To add new Subject Alerts choose from the list below. To remove or update subscribed alerts click the 'Current' tab.

Showing 1–20 of 28 available

Page: 1 2

Subject	Subscribe	Frequency
Building Design (non-structural)	<input checked="" type="checkbox"/>	Immediate
Civil Engineering Industry	<input type="checkbox"/>	Weekly
Computational Engineering	<input type="checkbox"/>	Immediate
Construction Materials	<input type="checkbox"/>	Immediate

Books
Journals
Collections
All titles (A to Z)
Subjects: Please choose

Your access is provided by:
University of West Anglia (Administrator)
You are signed in as:
James Peach
Sign in Sign out

Register Now
Click here to access increased functionality and content

Administration
Get in Email Alerts

Using your Marked List

Registering also allows you to bookmark articles that you want to return to in future.

You can do this from search results...

The screenshot shows a web browser window displaying search results on the ICE Virtual Library website. The search query is 'resonance'. The results list three articles:

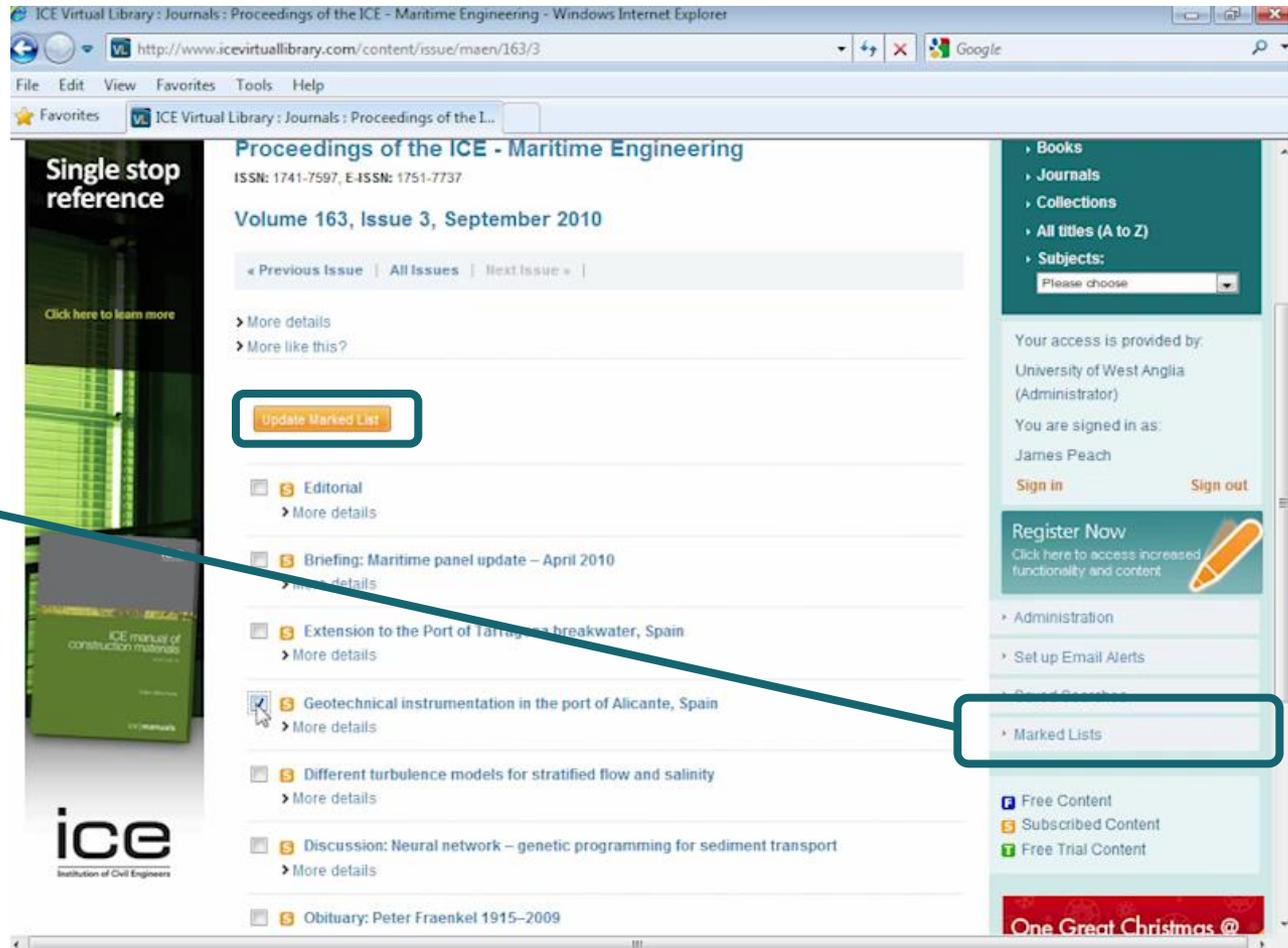
- Machine Foundations and Soil Resonance**
Authors: Isaac Alpan
Source: Géotechnique, Volume 11, Issue 2, June 1961, pages 95 - 113
Format: PDF (1.31Mb)
- INFORMAL DISCUSSION. RESONANCES IN HARBOURS**
Authors: C TAYLOR, SECED
Source: ICE Proceedings, Volume 44, Issue 1, September 1969, pages 65 - 66
Format: PDF (88.12K)
- Modelling wave attenuation by submerged resonators**
Authors: T. V. Karambas, M. Gousidou
Source: Proceedings of the ICE - Maritime Engineering, Volume 159, Issue 2, June 2006, pages 45 - 53
Format: PDF (300.54K), HTML (79.75K)

An orange button with the text "Update My Marked List" is overlaid on the search results. The page also features a sidebar with navigation options like "Books", "Journals", and "Collections", and a user login section for James Peach.

Using your Marked List

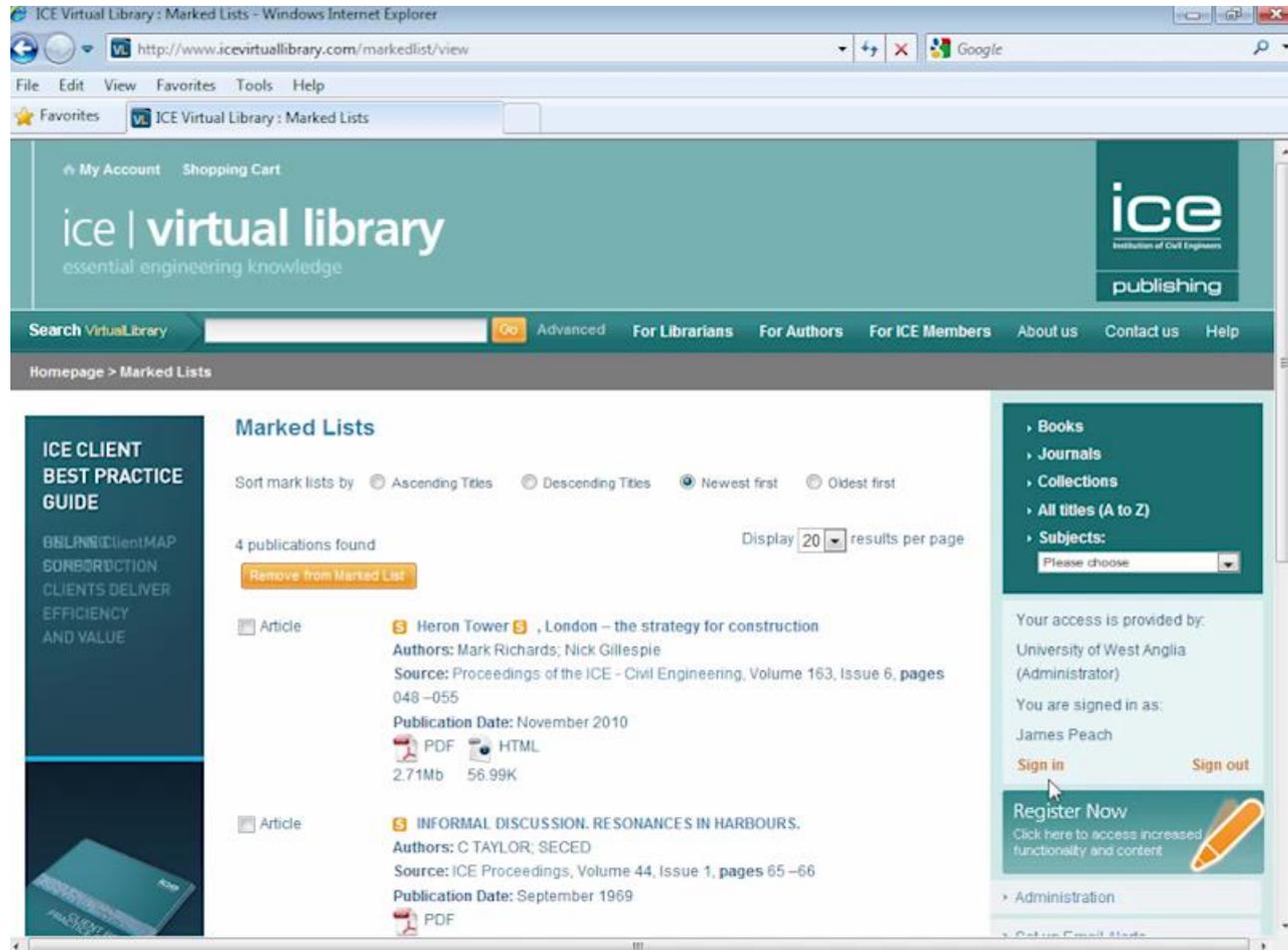
...or by browsing tables of contents.

You can then view or edit your marked list by clicking on the link shown here.



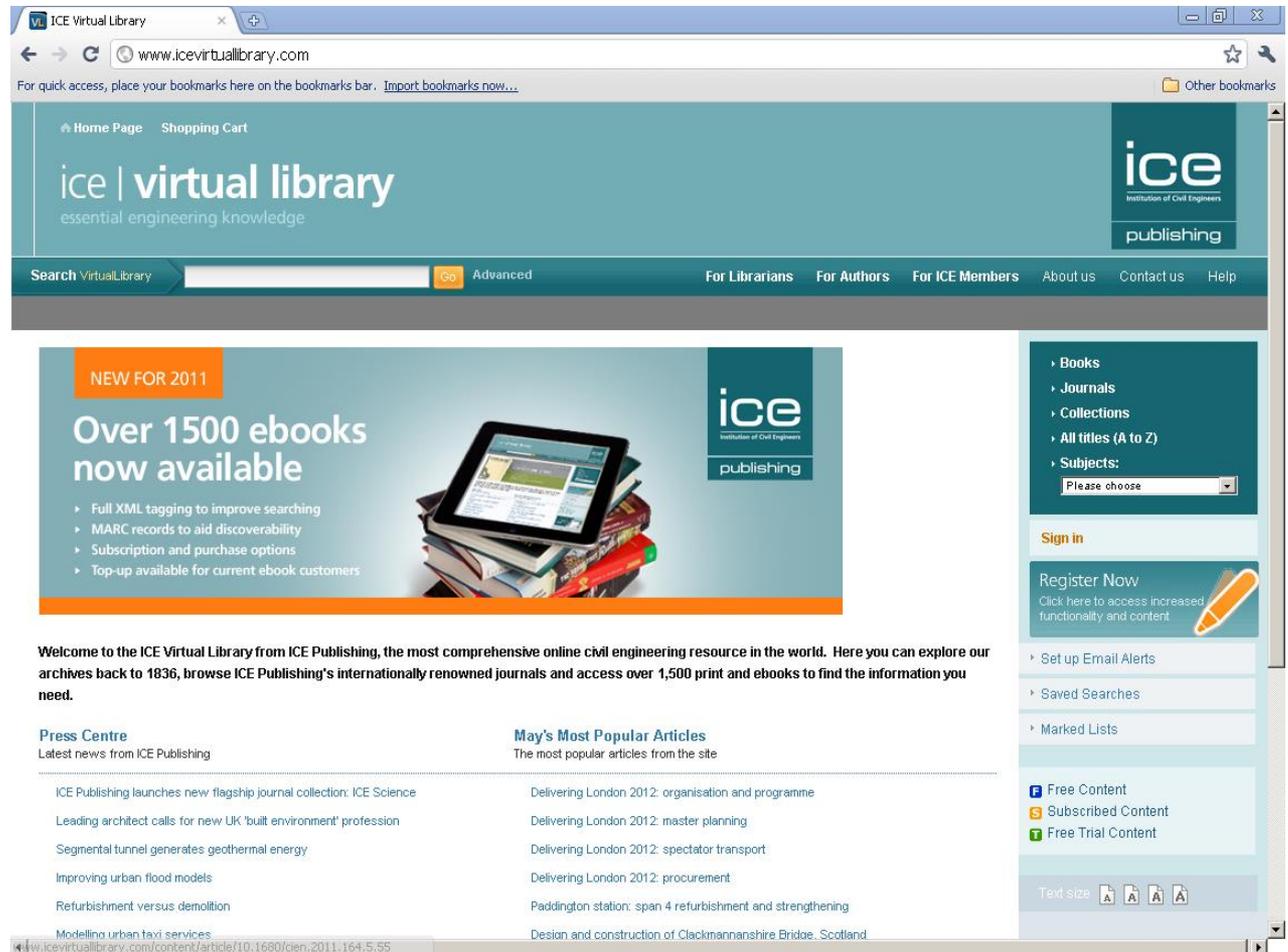
Using your Marked List

You can then view your marked list any time you are logged in.



Librarians user area

Click on the “For Librarians” tab to go to the librarians user area.



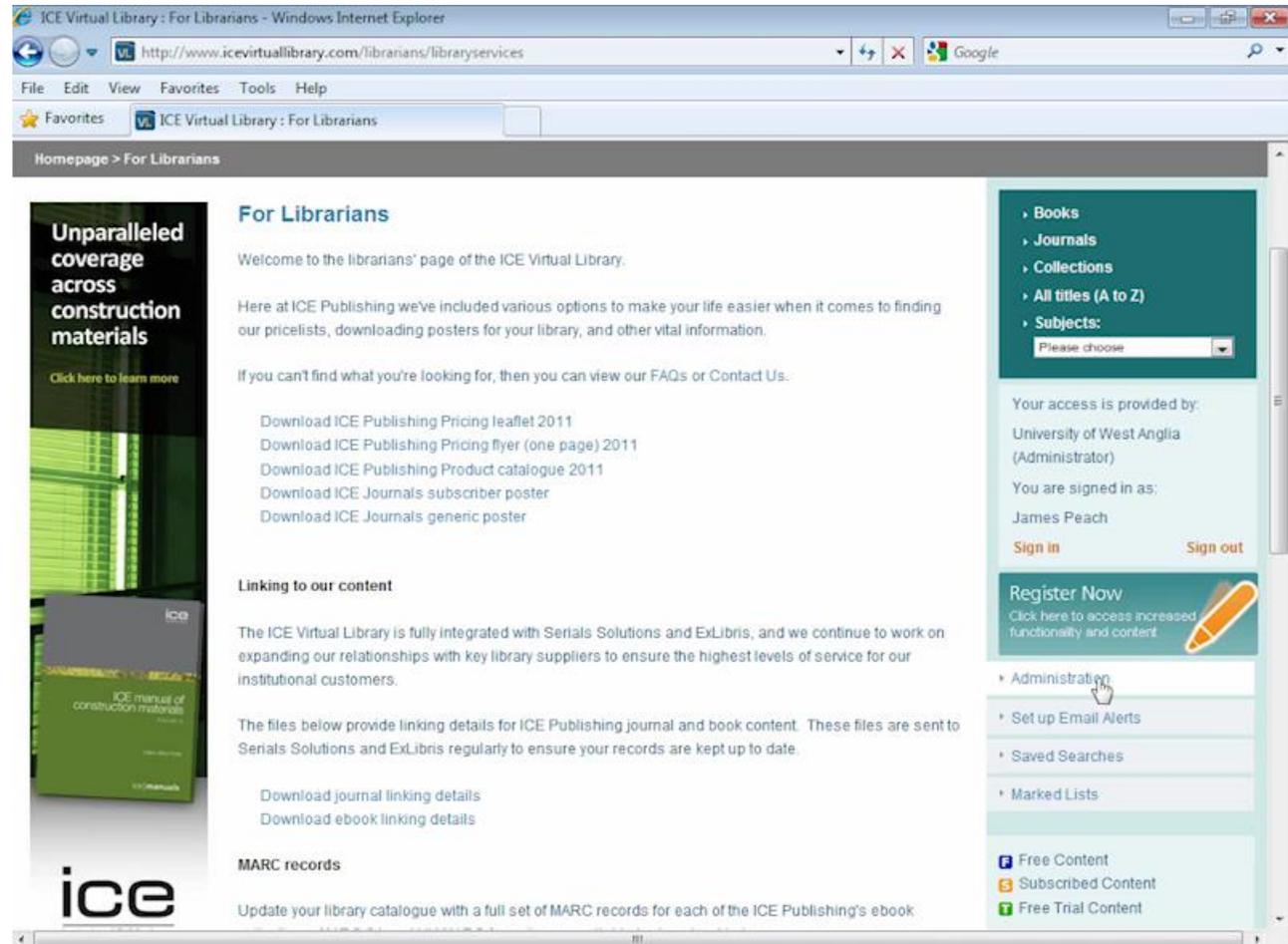
The screenshot shows the ICE Virtual Library website interface. At the top, there is a navigation bar with the ICE logo and 'publishing' text. Below this is a search bar with the text 'Search VirtualLibrary' and a 'Go' button. To the right of the search bar are links for 'Advanced', 'For Librarians', 'For Authors', 'For ICE Members', 'About us', 'Contact us', and 'Help'. The main content area features a large banner for 'NEW FOR 2011' with the headline 'Over 1500 ebooks now available'. The banner includes a list of features: 'Full XML tagging to improve searching', 'MARC records to aid discoverability', 'Subscription and purchase options', and 'Top-up available for current ebook customers'. Below the banner, there is a 'Welcome to the ICE Virtual Library' message. The page is divided into two columns: 'Press Centre' on the left and 'May's Most Popular Articles' on the right. The 'Press Centre' lists several news items, and the 'May's Most Popular Articles' lists several articles. On the right side of the page, there is a sidebar with a 'Sign in' button, a 'Register Now' button, and a list of links: 'Books', 'Journals', 'Collections', 'All titles (A to Z)', and 'Subjects:'. Below these links are 'Set up Email Alerts', 'Saved Searches', and 'Marked Lists'. At the bottom of the sidebar, there are icons for 'Free Content', 'Subscribed Content', and 'Free Trial Content', along with a 'Text size' selector.

Librarians user area

Here you can download the latest price lists...

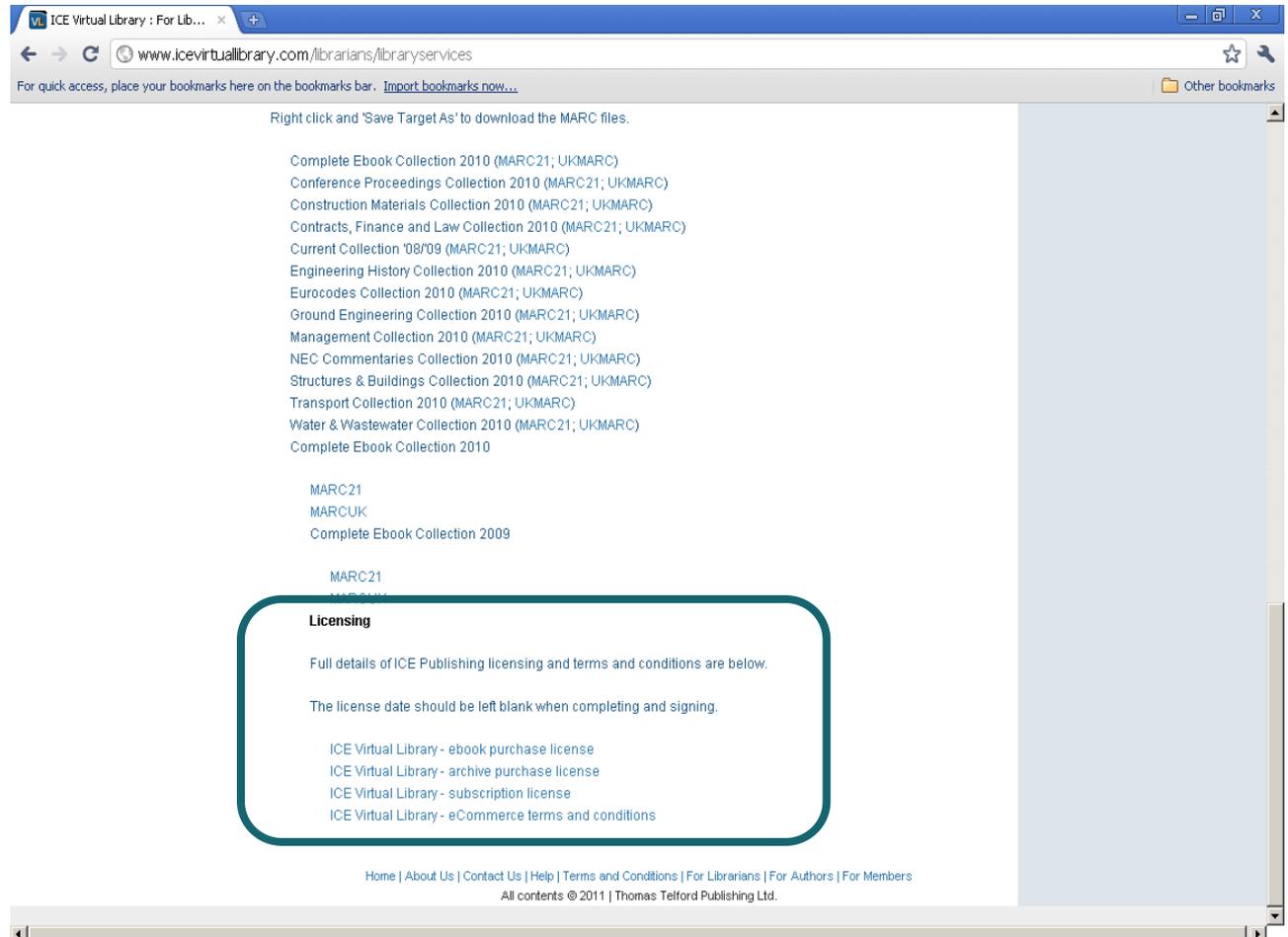
...MARC records for populating your catalogue...

...and view details for linking to licensed content...



Librarians user area

You can also download copies of our standard licence agreements.



The screenshot shows a web browser window with the URL www.icevirtuallibrary.com/librarians/libraryservices. The page content includes a list of collections for download, a 'Licensing' section with details on license types, and a footer with navigation links and copyright information.

For quick access, place your bookmarks here on the bookmarks bar. [Import bookmarks now...](#) Other bookmarks

Right click and 'Save Target As' to download the MARC files.

- Complete Ebook Collection 2010 (MARC21; UKMARC)
- Conference Proceedings Collection 2010 (MARC21; UKMARC)
- Construction Materials Collection 2010 (MARC21; UKMARC)
- Contracts, Finance and Law Collection 2010 (MARC21; UKMARC)
- Current Collection '08/'09 (MARC21; UKMARC)
- Engineering History Collection 2010 (MARC21; UKMARC)
- Eurocodes Collection 2010 (MARC21; UKMARC)
- Ground Engineering Collection 2010 (MARC21; UKMARC)
- Management Collection 2010 (MARC21; UKMARC)
- NEC Commentaries Collection 2010 (MARC21; UKMARC)
- Structures & Buildings Collection 2010 (MARC21; UKMARC)
- Transport Collection 2010 (MARC21; UKMARC)
- Water & Wastewater Collection 2010 (MARC21; UKMARC)
- Complete Ebook Collection 2010

MARC21
MARCUK
Complete Ebook Collection 2009

MARC21
MARCUK

Licensing

Full details of ICE Publishing licensing and terms and conditions are below.

The license date should be left blank when completing and signing.

- ICE Virtual Library - ebook purchase license
- ICE Virtual Library - archive purchase license
- ICE Virtual Library - subscription license
- ICE Virtual Library - eCommerce terms and conditions

Home | About Us | Contact Us | Help | Terms and Conditions | For Librarians | For Authors | For Members
All contents © 2011 | Thomas Telford Publishing Ltd.

Administration menu

By logging in with your administrator user name and password you can access the administration menu.

The screenshot shows a web browser window displaying the ICE Publishing website. The page title is "Library" and the main heading is "Digital library". The navigation menu includes "Go", "Advanced", "For Librarians", "For Authors", "For ICE Members", "About us", "Contact us", and "Help". The main content area is titled "Welcome to the Institutional Administration Tools" and lists several options under "Profile Management": "Update administrator details", "Update authentication details", "Upload institutional logo", "Order History", and "Counter Statistics". A mouse cursor is pointing at "Order History". On the right side, there is a sidebar with a menu for "Books", "Journals", "Collections", "All titles (A to Z)", and "Subjects:". Below the sidebar, there is a section for "Your access is provided by:" which lists "University of West Anglia (Administrator)" and "You are signed in as: James Peach". There are "Sign in" and "Sign out" buttons. At the bottom right, there is a "Register Now" button with the text "Click here to access increased functionality and content".

Personalising your Virtual Library

By selecting “Upload institutional logo”, you can create an image in the top right hand corner of the site.

Library : Upload your logo

ing Cart

ual library

ing knowledge

ice
Institution of Civil Engineers

publishing

Go Advanced For Librarians For Authors For ICE Members About us Contact us Help

Upload your logo

Use the form below to upload a logo that will be shown in the header of every page when users belonging to your institution log in. Logos will be scaled to a maximum height of 80 pixels and/or a maximum width of 210 pixels. You may specify some alternative text that will appear when the image is not shown and you may specify a URL to which the logo will be linked when the user clicks on it. Changes to this information will not be apparent until you begin a new authenticated session by logging out and back in again.

Alt text for logo:

URL link for logo:

Logo file:

- Books
- Journals
- Collections
- All titles (A to Z)
- Subjects:

Your access is provided by:
University of West Anglia
(Administrator)

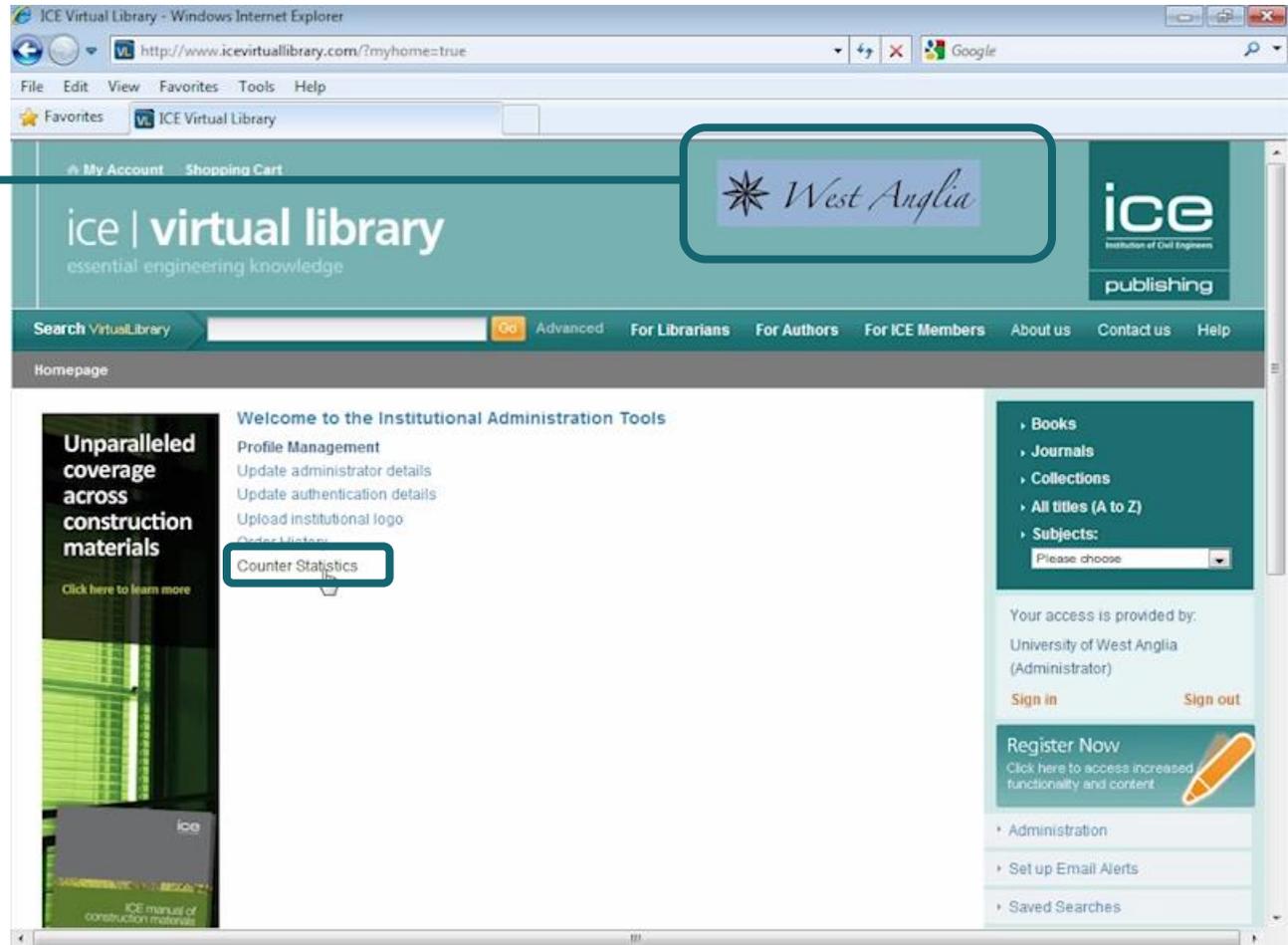
Register Now
Click here to access increased functionality and content

Administration

Personalising your Virtual Library

This will let users know that the site is licensed and endorsed by your organisation.

From this page you can also access counter statistics.



Accessing user statistics

These reports can allow you to monitor the use of you subscribed content.

The screenshot shows a web browser window titled "ICE Virtual Library: Counter Reports - Windows Internet Explorer". The address bar shows the URL "http://www.icevirtuallibrary.com/counterstats/requestform". The page header includes "My Account", "Shopping Cart", and the "ice | virtual library" logo with the tagline "essential engineering knowledge". A search bar is present with a "Go" button and links for "Advanced", "For Librarians", "For Authors", "For ICE Members", "About us", "Contact us", and "Help". The main content area is titled "Counter Reports" and contains the following text:

Please select the report that you want to be emailed and the email address where it should be sent below and click on the submit button.

The data for the period September 2009 to February 2010 was revised on 31st March 2010. We apologise for any inconvenience this may cause.

Please note that the previous month's usage will not be displayed until after the 5th of the following month, e.g. to run usage for October, you will need to run your report after 5th November.

Report type:

Email:

Year:

On the right side, there is a navigation menu with links for "Books", "Journals", "Collections", "All titles (A to Z)", and "Subjects: Please choose". Below this, it states "Your access is provided by: University of West Anglia (Administrator)" with "Sign in" and "Sign out" buttons. A "Register Now" section includes the text "Click here to access increased functionality and content" and an icon of a pencil. At the bottom of the right sidebar, there are links for "Administration", "Set up Email Alerts", and "Saved Searches".

Setting up email alerts

In the Librarians area you can set up email alerts for new content, as discussed earlier.

The screenshot shows the 'For Librarians' page of the ICE Virtual Library. The browser address bar shows 'http://www.icevirtuallibrary.com/librarians/libraryservices'. The page features a search bar, navigation links for 'Advanced', 'For Librarians', 'For Authors', 'For ICE Members', 'About us', 'Contact us', and 'Help'. The main content area is titled 'For Librarians' and includes a welcome message, a list of download links for pricing and product information, a section for linking to content, and a 'MARC records' section. On the right side, there is a sidebar with a menu containing 'Books', 'Journals', 'Collections', 'All titles (A to Z)', and 'Subjects:'. Below the menu, it shows the user's access is provided by 'University of West Anglia (Administrator)' and they are signed in as 'James Peach'. There are 'Sign in' and 'Sign out' buttons. A 'Register Now' button is also present. The sidebar menu is expanded to show 'Administration', 'Set up Email Alerts', 'Saved Searches', 'Marked Lists', and 'Free Content'. A mouse cursor is hovering over the 'Set up Email Alerts' option.

Updating account details

From the administration menu, you can update authentication details

Library

ing Cart

ual library
ng knowledge

ice
Institution of Civil Engineers

publishing

Go Advanced For Librarians For Authors For ICE Members About us Contact us Help

Welcome to the Institutional Administration Tools

Profile Management

- Update administrator details
- Update authentication details**
- Upload institutional logo
- Order History
- Counter Statistics

▸ Books

▸ Journals

▸ Collections

▸ All titles (A to Z)

▸ Subjects:

Please choose

Your access is provided by:

University of West Anglia
(Administrator)

You are signed in as:

James Peach

Sign in Sign out

Register Now

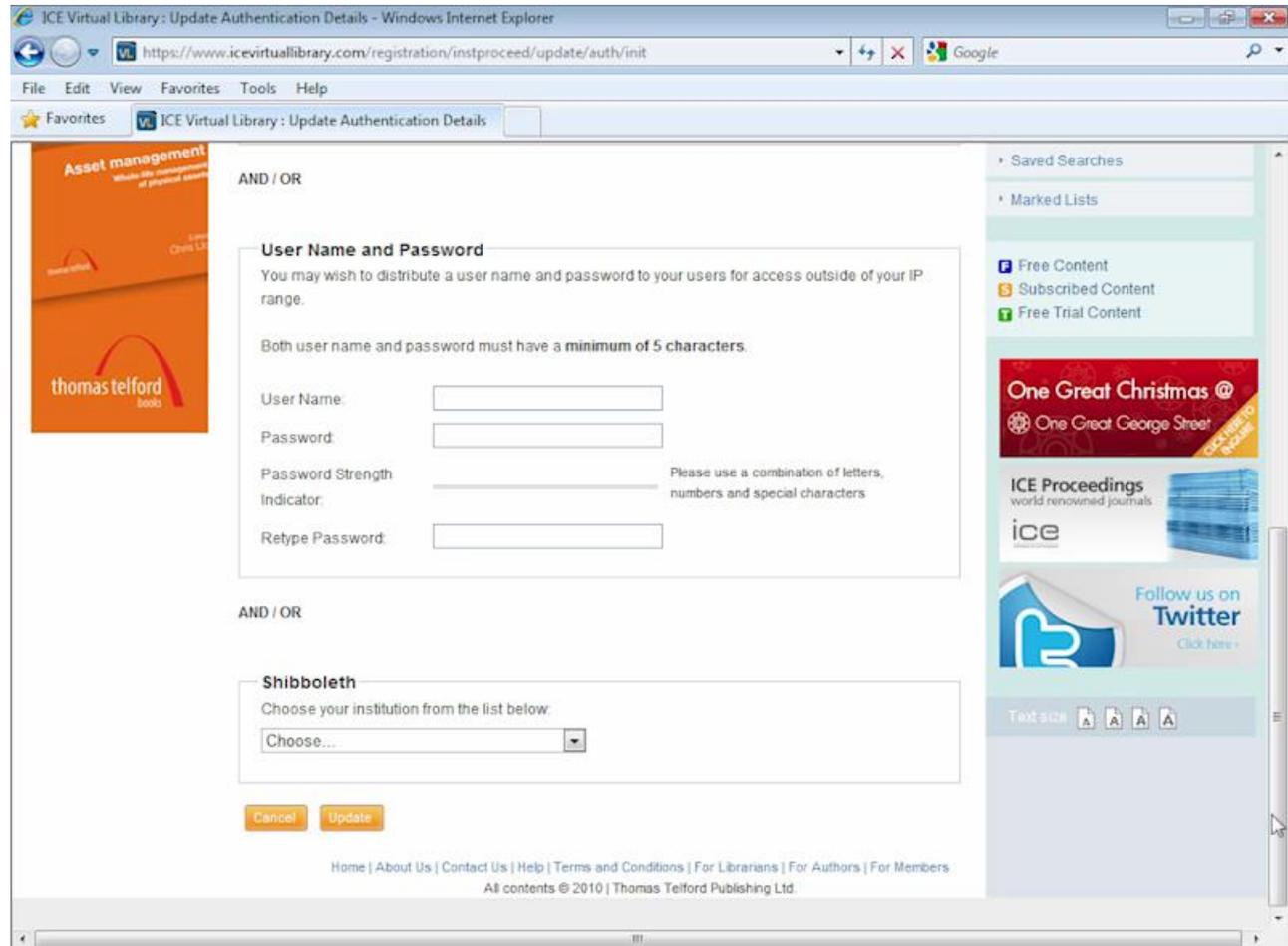
Click here to access increased functionality and content

Updating account details

In this section, you can update your IP address...

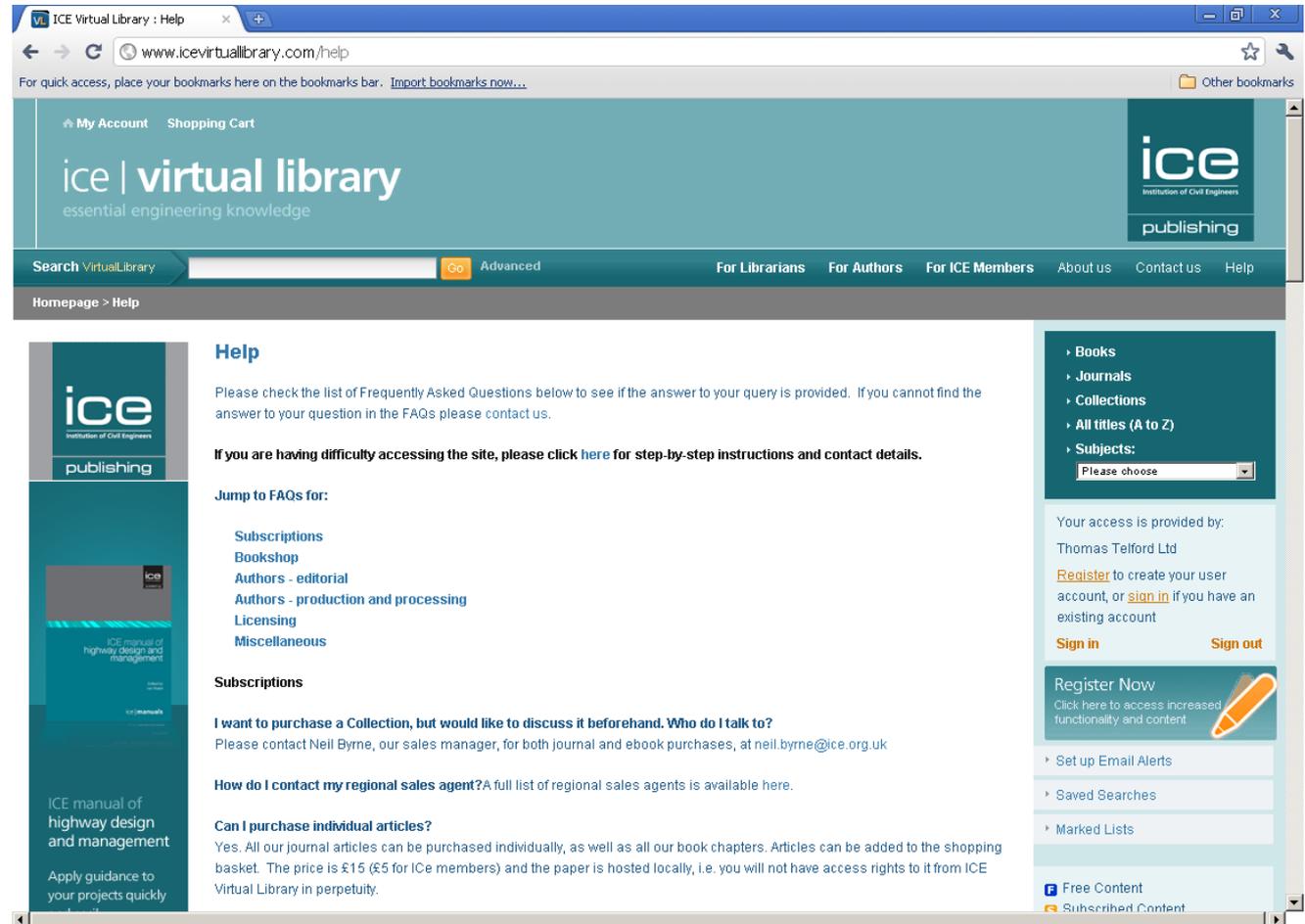
...change your user name and password

...and create your Shibboleth identity.



Help page

If you need any more help on your Virtual Library, you can go to the help page where you can view “Frequently asked questions”.



The screenshot shows a web browser window with the URL www.icevirtuallibrary.com/help. The page header includes navigation links for 'My Account' and 'Shopping Cart', and the ICE Virtual Library logo with the tagline 'essential engineering knowledge'. A search bar is present with a 'Go' button and a link to 'Advanced' search. The main content area is titled 'Help' and contains the following text:

Please check the list of Frequently Asked Questions below to see if the answer to your query is provided. If you cannot find the answer to your question in the FAQs please contact us.

If you are having difficulty accessing the site, please click [here](#) for step-by-step instructions and contact details.

Jump to FAQs for:

- [Subscriptions](#)
- [Bookshop](#)
- [Authors - editorial](#)
- [Authors - production and processing](#)
- [Licensing](#)
- [Miscellaneous](#)

Subscriptions

I want to purchase a Collection, but would like to discuss it beforehand. Who do I talk to?
Please contact Neil Byrne, our sales manager, for both journal and ebook purchases, at neil.byrne@ice.org.uk

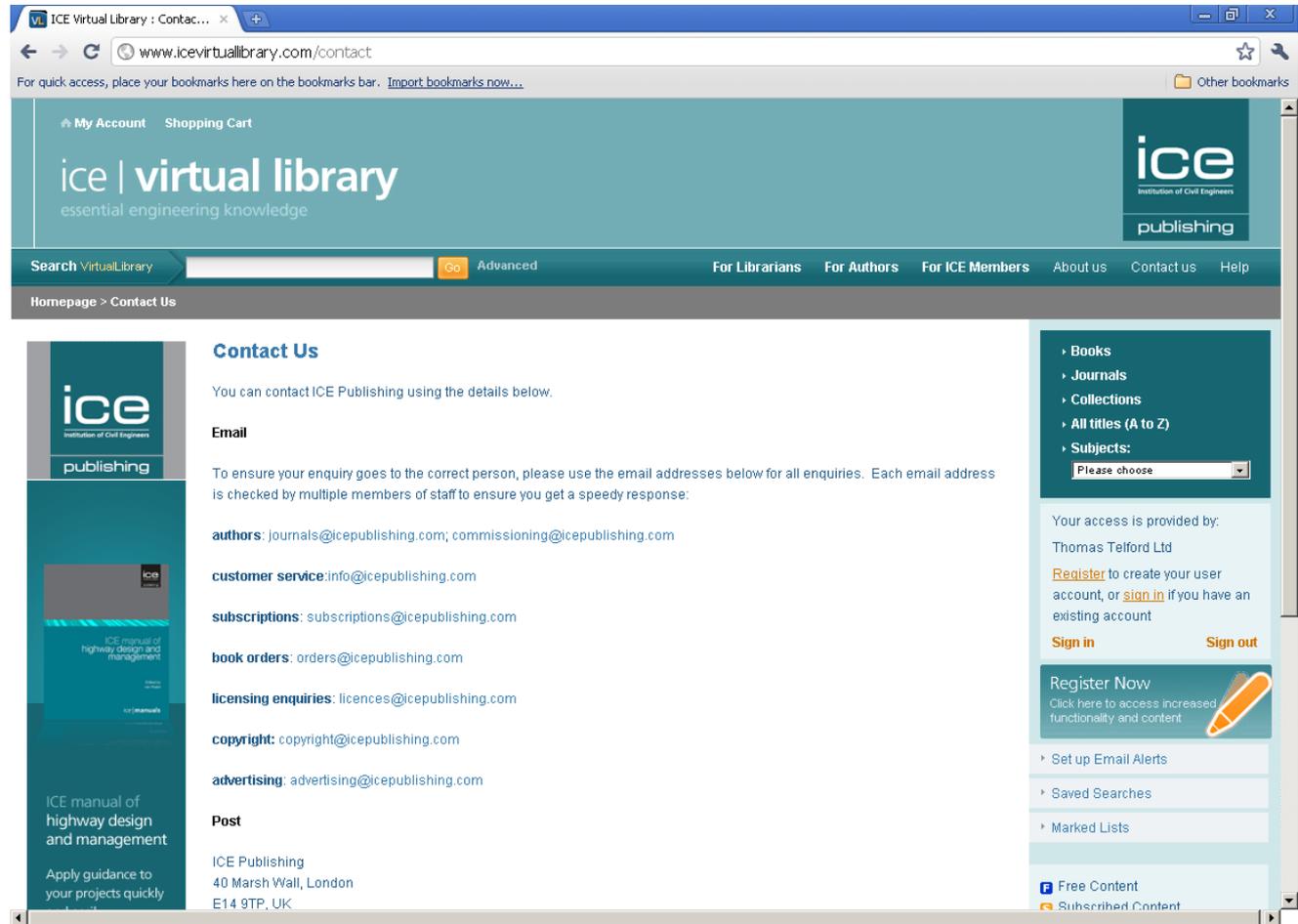
How do I contact my regional sales agent? A full list of regional sales agents is available [here](#).

Can I purchase individual articles?
Yes. All our journal articles can be purchased individually, as well as all our book chapters. Articles can be added to the shopping basket. The price is £15 (£5 for ICE members) and the paper is hosted locally, i.e. you will not have access rights to it from ICE Virtual Library in perpetuity.

The right sidebar contains a navigation menu with links to 'Books', 'Journals', 'Collections', and 'All titles (A to Z)'. It also features a 'Subjects' dropdown menu and a section for user access, stating 'Your access is provided by: Thomas Telford Ltd' and providing links for 'Register' and 'Sign in'. At the bottom of the sidebar, there are links for 'Set up Email Alerts', 'Saved Searches', 'Marked Lists', 'Free Content', and 'Subscribed Content'.

Contact us

Alternatively,
you can
contact us



The screenshot shows a web browser window with the URL www.icevirtuallibrary.com/contact. The page header includes navigation links for 'My Account' and 'Shopping Cart', and the 'ice | virtual library' logo with the tagline 'essential engineering knowledge'. A search bar is present with a 'Go' button and an 'Advanced' search option. The main content area is titled 'Contact Us' and provides contact details for ICE Publishing. On the right side, there is a sidebar with a list of categories (Books, Journals, Collections, All titles (A to Z), Subjects) and a 'Register Now' section with a pencil icon.

Contact Us

You can contact ICE Publishing using the details below.

Email

To ensure your enquiry goes to the correct person, please use the email addresses below for all enquiries. Each email address is checked by multiple members of staff to ensure you get a speedy response:

authors: journals@icepublishing.com; commissioning@icepublishing.com

customer service: info@icepublishing.com

subscriptions: subscriptions@icepublishing.com

book orders: orders@icepublishing.com

licensing enquiries: licences@icepublishing.com

copyright: copyright@icepublishing.com

advertising: advertising@icepublishing.com

Post

ICE Publishing
40 Marsh Wall, London
E14 9TP, UK

ICE manual of highway design and management
Apply guidance to your projects quickly

- Books
- Journals
- Collections
- All titles (A to Z)
- Subjects:

Your access is provided by:
Thomas Telford Ltd
[Register](#) to create your user account, or [sign in](#) if you have an existing account
[Sign in](#) [Sign out](#)

Register Now
Click here to access increased functionality and content 

- Set up Email Alerts
- Saved Searches
- Marked Lists
- Free Content
- Subscribed Content