

ASCE (American Society of Civil Engineers) 매뉴얼

신원데이터넷

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1. 출판사 소개 및 수록내용
2. Browse by Journal in ASCE
3. Browse by Proceeding in ASCE
4. Browse by eBook in ASCE
5. Search in ASCE (기본검색, 고급검색)
6. User Service in ASCE

□ 출판사 소개

토목 및 환경공학 관련 학회인 American Society of Civil Engineers (ASCE)는 최신의 교량, 빌딩, 상 하수도 시스템에 관한 최신 기술자료 및 연구에 관한 정보를 제공하고 있습니다.

□ 수록내용

- 주제분야 : 토목 및 환경공학
- 제공연도 : 1983 ~ 현재
- 제공종수 : 저널 38종 + Proceedings 약 930 Vol. 제공
- Service URL : <https://www.ascelibrary.org/>

2. Browse Journal in ASCE

- ASCE 메인 페이지 – <https://ascelibrary.org/>로 접속

ASCE LIBRARY

Search term(s) [Search] [Shopping Cart] Login / Register ▾

JOURNALS BOOKS ▾ MAGAZINES ▾ AUTHOR CENTER ▾ USER SERVICES ▾ TOPICS ▾ SUBSCRIBE RECOMMEND

Celebrating 150 Volumes | 2024

★ ASCE ★
150
VOLUMES

ASCE flagship journals reach the 150th volume milestone. Read select papers that reflect on our past and help us imagine the future.

[READ MORE](#) [Left Arrow] [Right Arrow]

Search term(s) [Search] [ADVANCED SEARCH](#)

EXPLORE ASCE LIBRARY

Journals > Books > Proceedings > Standards > Magazines >

2. Browse Journal in ASCE

- ASCE 저널 보기

ASCE LIBRARY Search term(s) Login / Register

JOURNALS BOOKS MAGAZINES AUTHOR CENTER USER SERVICES TOPICS SUBMIT SUBSCRIBE RECOMMEND

Click
Browse Journals

Use filters to browse titles.

1 2 3

저널 알파벳 별 필터링

TITLES

0-9
A B C D E F G
H I J K L M N
O P Q R S T U
V W X Y Z

1 - 20 of 41 Journals

Journal of Aerospace Engineering
Volume 37 | Issue 2 | Mar 1, 2024
Aim & Scope

Journal of Architectural Engineering
Volume 30 | Issue 1 | Mar 1, 2024
Aim & Scope

해당 저널 페이지로 이동

저널 토픽 별 필터링

TOPICS

Environment and Water Resources Engineering	7
Structural Engineering	5
Transportation and Urban Development Engineering	5
Construction Engineering	
Geotechnical Engineering	

EN: Multidisciplinary Journal of Civil

2. Browse Journal in ASCE

- ASCE Journal 보기

The screenshot shows the ASCE LIBRARY website for the Journal of Aerospace Engineering. The page features a blue header with the ASCE logo and navigation links. A search bar and 'Login / Register' link are in the top right. Below the header, there are tabs for 'JOURNALS', 'BOOKS', 'MAGAZINES', 'AUTHOR CENTER', 'USER SERVICES', and 'TOPICS'. The main content area is titled 'Journal of Aerospace Engineering' and includes a navigation bar with 'JOURNAL HOME', 'CURRENT ISSUE', 'ALL ISSUES', and 'ABOUT'. A callout box points to 'ALL ISSUES' with the text '전체 Issue : Volume별 선택 가능'. Below this, there are three tabs: 'MOST RECENT', 'MOST READ', and 'MOST CITED'. The 'MOST RECENT' tab is active, showing a list of technical papers. A callout box points to the first article title, 'The Aerodynamic Effects of Distributed Propulsion on the Performance of a UAV Wing', with the text 'Article 클릭 후 이동'. To the right, there is a 'Current Issue' section for 'Issue In Progress', 'Volume 38 | Issue 2 | March 2025', with buttons for 'SUBSCRIBE', 'SUBMIT AN ARTICLE', and 'RECOMMEND TO A LIBRARIAN'.

ASCE LIBRARY

Search Journal

Login / Register

JOURNALS BOOKS MAGAZINES AUTHOR CENTER USER SERVICES TOPICS

SUBSCRIBE RECOMMEND

Journal of Aerospace Engineering

최신 Issue

JOURNAL HOME CURRENT ISSUE ALL ISSUES ABOUT

전체 Issue : Volume별 선택 가능

MOST RECENT MOST READ MOST CITED

Technical Papers

The Aerodynamic Effects of Distributed Propulsion on the Performance of a UAV Wing

Article 클릭 후 이동

Technical Papers

Investigation of the Dynamic Properties of Viscoelastic Dampers with Three-Chain Micromolecular Configurations and Tube Constraint Effects

Technical Papers

Numerical Investigation of the Influence of Fuselage Corner Bluntness on a High-Pressure Capturing Wing Configuration

Technical Papers

SVD-Aided UKF Adaptation for Nanosatellite Attitude Estimation under Uncertain Process Noise Conditions

Current Issue

Issue In Progress

Volume 38 | Issue 2 | March 2025

SUBSCRIBE SUBMIT AN ARTICLE

RECOMMEND TO A LIBRARIAN

2. Browse Journal in ASCE

- ASCE Journal - Article

The screenshot shows the ASCE Library website interface. At the top, there is a search bar and navigation menus. The main content area displays an article titled "Improvement of Poststall Performance of NACA 0015 Airfoil Using Leading-Edge Synthetic Jets". The article is from the "Journal of Aerospace Engineering", Volume 37, Issue 2, published in March 2024. The page includes an abstract and a table of contents. Several callouts highlight key features: "Citation 다운로드, My Favorite 저장 등 가능" (Citation download, My Favorite save, etc. possible) points to the citation information; "원문 상세정보, 미디어 자료, 참고 문헌, 관련자료 제공" (Full text detailed information, media resources, references, related resources provided) points to the article details; "다운로드" (Download) points to the PDF download button; and "Email, SNS, linkedin 등 공유 가능" (Email, SNS, linkedin, etc. share possible) points to the sharing icons.

ASCE LIBRARY

Search Journal

JOURNALS BOOKS MAGAZINES AUTHOR CENTER USER SERVICES TOPICS SUBMIT SUBSCRIBE RECOMMEND

JOURNAL HOME CURRENT ISSUE ALL ISSUES ABOUT

Home / Journal of Aerospace Engineering / Archive / Vol. 37, No. 2

Technical Papers | Dec 9, 2023

Check for updates

Improvement of Poststall Performance of NACA 0015 Airfoil Using Leading-Edge Synthetic Jets

Authors: Lei Wang, Zhe Li, et al.

Publication: Journal of Aerospace Engineering • Volume 37, Issue 2 • <https://doi.org/10.1061/JAEEZ.ASENG-5243>

원문 상세정보, 미디어 자료, 참고 문헌, 관련자료 제공

Citation 다운로드, My Favorite 저장 등 가능

다운로드

Email, SNS, linkedin 등 공유 가능

Journal of Aerospace Engineering

Volume 37, Issue 2
March 2024

- Abstract
- Introduction
- Experimental Setup and Method
- Results and Discussion
- Conclusions

Abstract

Wind tunnel experiments were conducted to explore the control effect of a synthetic jet actuator array placed at the leading edge of a National Advisory Committee for Aeronautics (NACA) 0015 airfoil at two Reynolds numbers of 1.1×10^5 and 1.6×10^5 . Synthetic jets were generated perpendicular to the leading edge with high-frequency excitation to imitate the biomimetic effect of leading-edge tubercles. Force measurements over the angle of attack α from 0° to 40° display similar aerodynamic characteristics between the present synthetic-jet-controlled airfoils and previous leading-edge tubercled ones in both the prestall and poststall regimes. Thus, virtual tubercles constructed by synthetic jets can be used to effectively improve poststall aerodynamic performance of airfoils. Flow field characteristics at $\alpha = 8^\circ, 16^\circ,$ and 32° were analyzed to reveal the control mechanism at different angles of attack. At $\alpha = 8^\circ$, synthetic jets ruin the flow field structure and reduce the lift coefficient.

3. Browse Proceeding in ASCE

- ASCE Proceeding 보기

The screenshot shows the ASCE Library interface. At the top, there is a navigation bar with 'ASCE LIBRARY' and a search bar. Below the navigation bar, there are several menu items: 'JOURNALS', 'BOOKS', 'MAGAZINES', 'AUTHOR CENTER', 'USER SERVICES', and 'TOPICS'. A callout points to the 'BOOKS' menu with the text 'Click 후 Proceedings 접속'. Below the navigation bar, there is a section titled 'Use filters to browse titles.' with a pagination indicator '1 - 20 of 857 Proceedings' and a 'Sort by: Most recent' dropdown. The main content area displays a list of proceedings, including 'ICCREM 2023: The Human-Centered Construction Transformation', 'ASCE Inspire 2023: Infrastructure Innovation and Resilience for a Sustainable and Resilient World', and 'CICTP 2023: Innovation-Empowered Technology for Sustainable, Intelligent, Decarbonized, and Connected Transportation'. On the left side, there are three filter panels: 'Ebook 알파벳별 필터링' (Alphabetical filtering), '출판 연도별 필터링' (Publication year filtering), and '토픽/시리즈별 필터링' (Topic/series filtering). A callout points to the 'ICCREM 2023' entry with the text '해당 Proceeding 페이지로 이동' (Move to the corresponding Proceeding page).

3. Browse Proceeding in ASCE

- ASCE Proceeding 보기

ASCE LIBRARY

JOURNALS BOOKS MAGAZINES AUTHOR CENTER USER SERVICES TOPICS SUBMIT SUBSCRIBE RECOMMEND

ICCREM 2023: The Human-Centered Construction Transformation

VIEW PDF

PDF 다운로드

My Favorites에 추가, Email 전송, Citations 알림, Citation 다운로드, Email 알림 가능

원문 상세정보, 관련자료 제공

Abstract

Proceedings of the International Conference on Construction and Real Estate Management 2023, held in Xi'an, China, September 23–24, 2023. Sponsored by the Construction Industry High-Quality Development Institute of the China Construction Industry Association; *Journal of Engineering Management*; *Engineering, Construction and Architecture Management*; *Journal of Urban Management*; *Journal of Xi'an University of Architecture & Technology (Natural Science Edition)*; and the Construction Institute of ASCE.

This collection contains 121 peer-reviewed papers highlighting the role of people in construction.

Topics include: human-centered construction transformation; sustainable construction and green buildings; analysis of real estate and urban management; and intelligent construction and project management.

This proceedings creates a space for researchers, educators, and practitioners from colleges and universities, research institutes, government agencies, consulting firms, construction companies, financial institutions, and other related organizations to exchange ideas, share knowledge, build networks, and explore the potential future of the construction and real

ISBN (PDF): 97807844485217

Edited by:
Yaowu Wang
Feng Lan
Geoffrey Q. P. Shen

<https://doi.org/10.1061/97807844485217>

Conference Information
International Conference on Construction and Real Estate Management 2023
September 23–24, 2023 | Xi'an, China

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ASCE Book Series
ASCE Press

4. Browse ebook in ASCE

- ASCE ebook 보기

The screenshot shows the ASCE Library website interface. At the top, there is a search bar with the text 'Search term(s)' and a magnifying glass icon. To the right of the search bar, it says 'SHINWON Demo'. Below the search bar, there is a navigation menu with options: JOURNALS, BOOKS (highlighted), MAGAZINES, AUTHOR CENTER, USER SERVICES, TOPICS, SUBMIT, SUBSCRIBE, and RECOMMEND. The main heading is 'Browse Books'. Below this, there is a section titled 'Use filters to browse titles.' with a pagination indicator '1 - 20 of 466 Books' and a 'Sort by: Most recent' dropdown menu. On the left side, there are three filter sections: 'TITLES' with a grid of letters A-Z, 'PUBLICATION DATE' with a range slider from 1985 to 2023, and 'TOPICS' with a list of categories including 'Structural Engineering' and 'Environment and Water Resources'. Two book covers are visible: 'Designing to the Strongest Ground Motions' by Praveen K. Malhotra (2023) and 'Navigation Channel Sedimentation Solutions' by the Navigation Channel Sedimentation Task Committee (2023). Several blue callout boxes with white text are overlaid on the image, pointing to specific features: 'Click 후 Books 접속' points to the BOOKS menu item; 'ebook 알파벳별 필터링' points to the TITLES filter; '출판연도/ 토픽 / 시리즈별 필터링' points to the filter sections; '최근 출판 순, 오래된 출판 순, 알파벳 순 정렬 가능' points to the 'Sort by: Most recent' dropdown; and '해당 ebook 페이지로 이동' points to the book titles.

4. Browse ebook in ASCE

- ASCE ebook 보기

The screenshot shows the ASCE Library website interface. At the top, there is a navigation bar with 'ASCE LIBRARY' on the left, a search bar, and 'SHINWON Demo' on the right. Below the navigation bar are menu items: JOURNALS, BOOKS, MAGAZINES, AUTHOR CENTER, USER SERVICES, TOPICS, SUBMIT, SUBSCRIBE, and RECOMMEND. The main content area features the title 'Designing to the Strongest Ground Motions' with a book cover image. A callout box on the left lists features: 'My Favorites에 추가, Email 전송, Citations 알림, Citation 다운로드, Email 알림 가능'. A callout box on the right lists: '원문 상세정보, 관련자료 제공'. Below the title, there is an 'Abstract' section with a paragraph of text. Underneath the abstract, it says 'Topics include' followed by a bulleted list of topics. To the right of the abstract, there is a sidebar with the book cover, ISBN numbers for print and PDF, the author's name 'Praveen K. Malhotra, Ph.D., P.E.', a DOI link, and a copyright notice '© 2023 American Society of Civil Engineers'. Below this, there is a section titled 'ASCE Book Series' listing various publication types like ASCE Press, Council on Disaster Risk Management (CDRM) Monographs, etc.

5. Search in ASCE

- 기본 검색

The screenshot displays the ASCE Library website interface. At the top, there is a blue navigation bar with the ASCE LIBRARY logo on the left and a search bar on the right containing the text 'Search term(s)'. Below the navigation bar, a white callout box with a blue border contains the Korean text '검색하고자 하는 Keyword 입력 후 클릭' (After entering the keyword you want to search for, click) with a magnifying glass icon. The main content area features a search result card for 'Standard | 2023 Seismic Evaluation and Retrofit of Existing Buildings'. The card includes a book cover image on the left, the title in large bold text, and a 'READ MORE' link. Below the search result, there is another search bar with the text 'Search term(s)' and an 'ADVANCED SEARCH' link. At the bottom, there is a section titled 'EXPLORE ASCE LIBRARY' with five buttons: 'Journals >', 'Books >', 'Proceedings >', 'Standards >', and 'Magazines >'. Below this is a section titled 'JOURNALS'.

5. Search in ASCE

- 기본 검색

The screenshot shows the ASCE LIBRARY search results page for the keyword "bridge network". The page displays 13,431 results. Callouts highlight several features: "상세 검색을 원할 경우 Advanced Search 클릭" (Click Advanced Search if you want detailed search), "검색 결과 수" (Search results count) pointing to "13431", "검색한 Keyword" (Searched keyword) pointing to "bridge network", "Article Type, 저자, 출판유형, 출판일, 토픽 별 필터링" (Filtering by Article Type, Author, Publication Type, Publication Date, Topic), and "연관, 날짜순 정렬 가능" (Can be sorted by relevance, date).

ASCE LIBRARY Login / Register

JOURNALS BOOKS MAGAZINES AUTHOR CENTER USER SERVICES TOPICS SUBMIT SUBSCRIBE RECOMMEND

Search Results

bridge network **13431** results for "bridge network" **ADVANCED SEARCH**

Sort by: Relevance

Save search | RSS

Publications Site Information

Select all For selected items: Please Select

TECHNICAL PAPERS | Feb 1, 2005

Time-Dependent Bridge Network Reliability: Novel Approach
Ming Liu and Dan M. Frangopol
Journal of Structural Engineering Volume 131, Issue 2 (329 - 337)
Abstract FULL TEXT PDF

TECHNICAL PAPERS | Sep 1, 2006

Probability-Based Bridge Network Performance Evaluation
Ming Liu and Dan M. Frangopol
Journal of Structural Engineering Volume 11, Issue 5 (633 - 641)
Abstract FULL TEXT PDF

ARTICLE TYPE	
Technical Paper	8068
Chapters/Proceedings Papers	3861
Case Study	541
Front Matter	221
Technical Note	137
More (20)	

AUTHOR	
Frangopol, Dan M	81
Padgett, Jamie E	38
Zayed, Tarek	36
Sinha, Kumares C	33
More (20)	

5. Search in ASCE

- 기본 검색

The screenshot shows the ASCE LIBRARY search page. The top navigation bar includes 'ASCE LIBRARY', 'Login / Register', and various menu items like 'JOURNALS', 'BOOKS', 'MAGAZINES', 'AUTHOR CENTER', 'USER SERVICES', 'TOPICS', 'SUBMIT', 'SUBSCRIBE', and 'RECOMMEND'. The main content area displays search results for 'bridge network' with 13431 results. On the left, there are filters for 'ARTICLE TYPE' (Case Study, Front Matter, Technical Note, etc.) and 'AUTHOR' (Frangopol, Dan M., Padgett, Jamie E., etc.). The 'ADVANCED SEARCH' section is highlighted with a blue box and contains fields for search location, search term, publication date, and a 'SEARCH' button. Callouts provide additional information: '검색 결과 내 재 검색 기능' points to the 'Refine Search' dropdown; '검색 Keyword 저장하여 관련 된 새로운 Contents 알람' points to the 'SAVED SEARCHES' tab.

ASCE LIBRARY

JOURNALS BOOKS MAGAZINES AUTHOR CENTER USER SERVICES TOPICS SUBMIT SUBSCRIBE RECOMMEND

1 - 20 of 13431 result for "bridge network"

Refine Search

검색 결과 내 재 검색 기능

검색 Keyword 저장하여 관련 된 새로운 Contents 알람

ARTICLE TYPE

Case Study	3861
Front Matter	541
Technical Note	221
More (20)	137

AUTHOR

Frangopol, Dan M	81
Padgett, Jamie E	38
Zayed, Tarek	36
Sinha, Kumares C	33
Labi, Samuel	31
More (20)	

PUBLICATION

Proceedings	3647
Journal of Transportation Engineering, Part A: Systems	2167

ADVANCED SEARCH SEARCH HISTORY SAVED SEARCHES

Anywhere bridge network

Anywhere Enter Search term

Published in e.g. Journal of Theoretical Biology

Publication Date All Dates Last Custom Range

To

SEARCH

Publications Site Information

5. Search in ASCE

- 상세 검색

The screenshot displays the ASCE Library website interface. At the top, the ASCE LIBRARY logo is on the left, and a search bar with the text "Search term(s)" is on the right. Below the search bar, there are two buttons: "ADVANCED SEARCH" and "CITATION SEARCH". A white callout box with a blue border points to the "ADVANCED SEARCH" button, containing the Korean text "상세 검색을 원할 경우 Advanced Search 클릭". The main content area features a book cover for "Seismic Evaluation and Retrofit of Existing Buildings" (Standard | 2023) with a "READ MORE" link. Below the book cover is another search bar with "Search term(s)" and a "ADVANCED SEARCH" button. At the bottom, there is a section titled "EXPLORE ASCE LIBRARY" with five categories: Journals, Books, Proceedings, Standards, and Magazines, each with a right-pointing arrow. Below this is a section titled "JOURNALS".

5. Search in ASCE

- 상세 검색

The screenshot shows the ASCE LIBRARY Advanced Search interface. At the top, there is a search bar with the text "Search term(s)" and a magnifying glass icon, along with "Login / Register" and a shopping cart icon. Below the search bar is a navigation menu with "JOURNALS", "BOOKS", "MAGAZINES", "AUTHOR CENTER", "USER SERVICES", and "TOPICS". On the right side of the menu are "SUBMIT", "SUBSCRIBE", and "RECOMMEND". The main heading is "Advanced Search".

Annotations on the screenshot include:

- A blue box around the "All Content" dropdown menu.
- A blue callout bubble pointing to the search input field with the text "전체, 저자, Title 키워드 입력".
- A blue callout bubble pointing to the "Topic", "Published in", and "Publication Date" sections with the text "토픽, 출판사, 출판일 (전체, 최근 출판 기간, 기간 지정하여 검색 가능)".

On the right side of the page, there is a "Search Tips" section with the following content:

Search Tips

Boolean searches

You can use the Boolean Operators AND, OR, and NOT within search fields. By default, an AND relationship is assumed between search terms unless another operator is specified.

Searching for authors

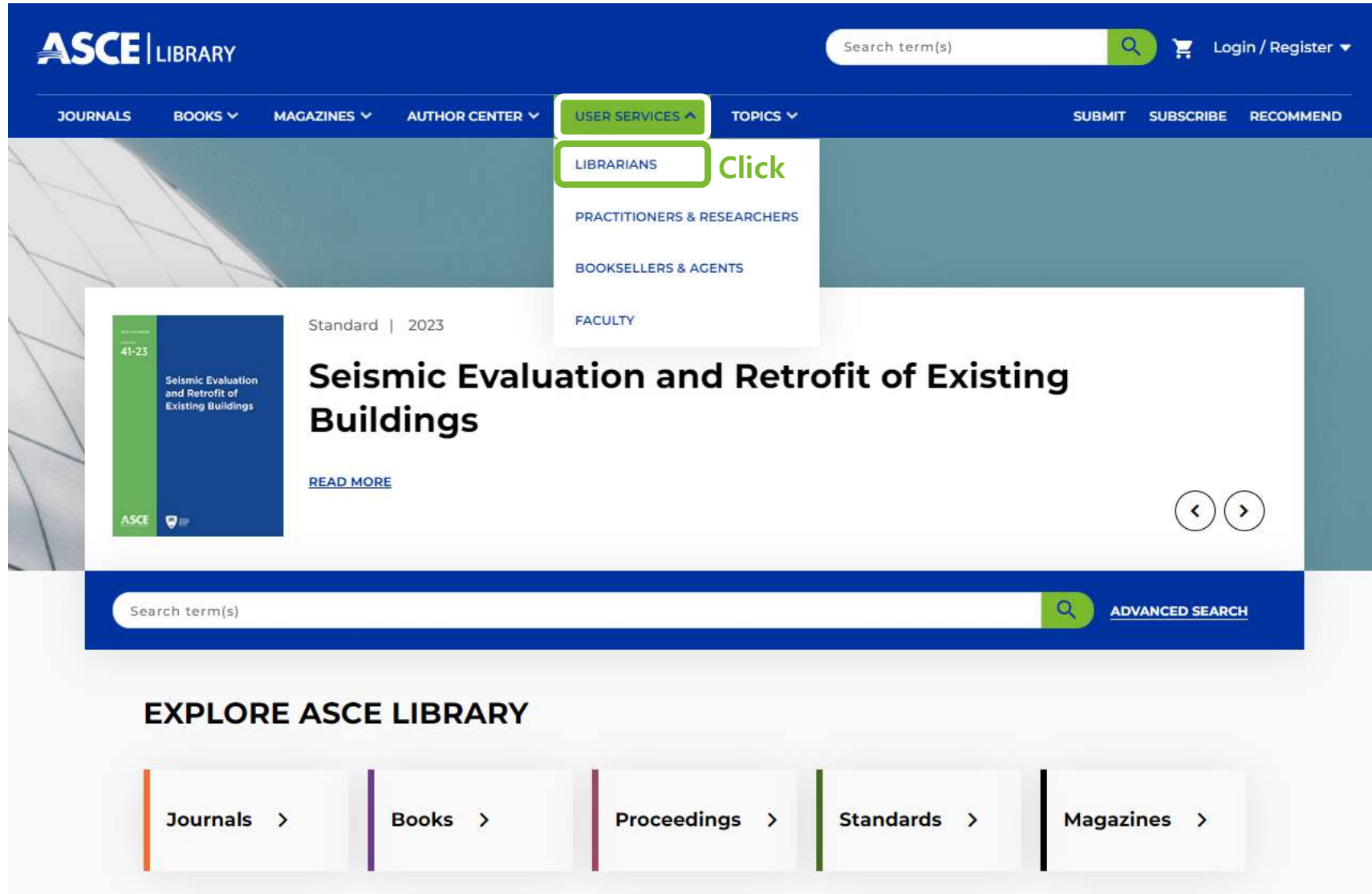
To search for multiple authors, separate each author name with either AND or OR. Using AND will search for content that has been co-authored by the authors. Using OR will search for content that has been authored by either of the authors.

Searching for phrases

Enclose your search term with quotation marks to search for an exact match of that phrase. Without quotation marks, articles including all of the search terms somewhere in the article will be listed. For example, searching for "civil war" will find articles containing that exact phrase.

6. User Service in ASCE

- User Service 보기



6. User Service in ASCE

- User Service 보기

The screenshot shows the ASCE Library website interface. At the top, there is a search bar and a user account dropdown labeled 'SHINWON Demo'. The main navigation bar includes 'ASCE LIBRARY', 'JOURNALS', 'AUTHOR CENTER', 'USER SERVICES', and 'TOPICS'. The 'My Account' section is highlighted, showing a list of services: Subscriptions / Purchases, Redeem Token, Alerts, Favorites, Saved Searches, Institutional Affiliations, Personal Settings, and Billing Address. A callout box on the left lists '내 정보', '신규 Content, Citation 알람 설정', and '저장된 검색 보기'. Another callout box in the center lists 'My Profile 클릭 시' followed by '계정 정보', '기관 정보', '구독 정보', 'ASCE Library Card 정보', '신규 Content, Citation 알람 설정', '저장한 원문, 저널, ebook 보기', and '저장된 검색 보기'. A third callout box on the left lists 'Tools' (with a note '[재등록 없음]') including 'My Profile', 'Content Alerts', 'Saved Searches', and 'RSS Feeds'. Below the 'Tools' section, there are sections for 'Services' (Rights Request, Bibliographic Indexes), 'Subscriptions', and 'FAQs'. The 'Journals' section describes the 34 ASCE journals and provides links for '2024 Subscription Pricing', '2024 ASCE Library Catalog (Download PDF, 4 MB)', and 'Journal Titles at a Glance'. The 'Proceedings' section describes the online proceedings collection and provides a link for '2024 Online Proceedings Pricing'.

ASCE IP Block 관련 주의사항

불법 프로그램 사용, 이용자 계정 해킹 또는 과도한 원문 열람 및 다운로드 시 ASCE Server에서 해당 PC IP 대역을 24시간 동안 자동 차단합니다. ASCE에서는 해당 기관 담당자에게 위 사실을 E-mail로 통보하며 과다 다운로드에 대한 자세한 조사 내역과 과다 다운로드 예방을 위한 기관 내 사후조치를 명시한 사유서 등을 기관 담당자에게 요청할 수 있습니다.

ASCE 이용자 분들께서는 불법/대량 다운로드 프로그램/시스템 이용을 삼가 주시고 단 시간 내 과다한 ASCE Full Text 다운로드를 자제하여 주시기 바랍니다.

감사합니다

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