

ASCE (American Society of Civil Engineers) 매뉴얼

신원데이터넷

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1. 출판사 소개 및 수록내용
2. Browse by eBook in ASCE
3. Search in ASCE (기본검색, 고급검색)
4. 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 750 Vol. 제공
- Service URL : <https://www.ascelibrary.org/>

2. Browse ebook in ASCE

- ASCE ebook 보기

The screenshot shows the ASCE Library 'Browse Books' interface. At the top, there is a search bar and a navigation menu with 'BOOKS' highlighted. A callout box says 'Click 후 Books 접속' (Click then go to Books). Below the header, the page title is 'Browse Books'. A central instruction reads 'Use filters to browse titles.' Below this, there are several filter sections: 'TITLES' with an alphabetical grid (A-Z), 'PUBLICATION DATE' with a range slider from 1985 to 2023, and 'TOPICS' with categories like 'Structural Engineering'. A 'Sort by: Most recent' dropdown is also visible. The main content area displays a list of books, with the first one being 'Designing to the Strongest Ground Motions' by Praveen K. Malhotra, published in 2023. A callout box points to the book title with the text '해당 ebook 페이지로 이동' (Move to the corresponding ebook page). Another callout box points to the 'Sort by' dropdown with the text '최근 출판 순, 오래된 출판 순, 알파벳 순 정렬 가능' (Sorting possible by most recent publication, oldest publication, and alphabetically). A third callout box points to the filter sections with the text '출판연도 / 토픽 / 시리즈별 필터링' (Filtering by publication year / topic / series). A fourth callout box points to the alphabetical grid with the text 'ebook 알파벳별 필터링' (eBook alphabetical filtering). The page shows '1 - 20 of 466 Books' and a pagination control.

2. Browse ebook in ASCE

- ASCE ebook 보기

The screenshot shows the ASCE Library interface for the ebook 'Designing to the Strongest Ground Motions'. The top navigation bar includes 'ASCE LIBRARY', a search bar, and a user profile 'SHINWON Demo'. Below the navigation are categories like 'JOURNALS', 'BOOKS', 'MAGAZINES', 'AUTHOR CENTER', 'USER SERVICES', and 'TOPICS'. The main content area features the book title and a callout box with icons for 'My Favorites', 'Citations', 'Email', 'Download', and 'Alerts'. Another callout box points to the book's metadata, including ISBNs and author information.

ASCE LIBRARY

JOURNALS BOOKS MAGAZINES AUTHOR CENTER USER SERVICES TOPICS SUBMIT SUBSCRIBE RECOMMEND

Designing to the Strongest Ground Motions

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

원문 상세정보, 관련자료 제공

Abstract

Designing to the Strongest Ground Motions determines the strongest ground motions from data, rather than predictions, and discusses the design of structures to withstand the strongest ground motions. Future ground motions are highly uncertain, but the response of structures to future ground motions will not be uncertain if structures are designed to the strongest ground motions. Uncertainty is not an option in the design of structures whose collapse can be catastrophic.

Topics include

- Characteristics of collapse-inducing ground motions, including energy-demand and cyclic-demand;
- Strongest ground motions from >200,000 instrument-year of recorded data worldwide;
- Comparison between predicted and recorded ground motions;
- Seismic characteristics and analysis of structures, including seismic-toughness and cyclic-capacity;
- Practical nonlinear analysis of structures;
- Role of aftershocks and number of cycles in seismic design; and

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ASCE Book Series

ASCE Press
Council on Disaster Risk Management (CDRM) Monographs
Geotechnical Practice Publication (GPP)
Geotechnical Special Publication (GSP)
Infrastructure Resilience Publication (IRP)
Lecture Notes in Mechanics (LNMECH)
Manuals of Practice (MOP)
Proceedings
Society Special Publications
Standards

3. Search in ASCE

- 기본 검색

The screenshot shows 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" followed by a magnifying glass icon and the word "클릭". The main content area features a featured article titled "Seismic Evaluation and Retrofit of Existing Buildings" under the category "Standard | 2023". The article includes a "READ MORE" link and navigation arrows. Below the article, there is another search bar with the text "Search term(s)" and a link to "ADVANCED SEARCH". 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".

3. 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 various search and filtering options:

- 상세 검색을 원할 경우 Advanced Search 클릭**: Points to the "ADVANCED SEARCH" button in the search bar.
- 검색 결과 수**: Points to the result count "13431".
- 검색한 Keyword**: Points to the search input field containing "bridge network".
- Article Type, 저자, 출판유형, 출판일, 토픽 별 필터링**: Points to the left-hand navigation menu with categories like "ARTICLE TYPE" and "AUTHOR".
- 연관, 날짜순 정렬 가능**: Points to the "Sort by: Relevance" dropdown menu.

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

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

Search results list includes:

- Time-Dependent Bridge Network Reliability: Novel Approach** by Ming Liu and Dan M. Frangopol, Journal of Structural Engineering, Volume 131, Issue 2 (329 - 337).
- Probability-Based Bridge Network Performance Evaluation** by Ming Liu and Dan M. Frangopol, Journal of Structural Engineering, Volume 11, Issue 5 (633 - 641).

3. Search in ASCE

- 기본 검색

The screenshot shows the ASCE LIBRARY search interface. 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 search area displays '1 - 20 of 13431 result for "bridge network"'. On the left, there are filters for 'ARTICLE TYPE' (Case Study: 3861, Front Matter: 541, Technical Note: 137, More (20)), 'AUTHOR' (Frangopol, Dan M: 81, Padgett, Jamie E: 38, Zayed, Tarek: 36, Sinha, Kumares C: 33, Labi, Samuel: 31, More (20)), and 'PUBLICATION' (Proceedings: 3647, Journal of Transportation Engineering, Part A: Systems: 2167). The 'ADVANCED SEARCH' section is highlighted with a blue box and contains a 'Refine Search' dropdown, search input fields for 'bridge network' and 'Enter Search term', a 'Published in' field with 'e.g. Journal of Theoretical Biology', and 'Publication Date' options: 'All Dates' (selected), 'Last' (with a 'Select' dropdown), and 'Custom Range' (with 'Month' and 'Year' dropdowns for both start and end dates). A 'SEARCH' button is at the bottom right of the advanced search section. Callouts explain: '검색 결과 내 재 검색 기능' (Search within search results), '검색 Keyword 저장하여 관련 된 새로운 Contents 알람' (Save search keywords to get alerts for new related content), and 'SAVED SEARCHES'.

3. Search in ASCE

- 상세 검색

The screenshot displays the ASCE Library website interface. At the top, there is a 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 search bar are two buttons: "ADVANCED SEARCH" and "CITATION SEARCH". The "ADVANCED SEARCH" button is highlighted with a blue box, and a white callout box with a blue border points to it, containing the Korean text "상세 검색을 원할 경우 Advanced Search 클릭". The main content area features a featured article titled "Seismic Evaluation and Retrofit of Existing Buildings" under the category "Standard | 2023". Below the article title is a "READ MORE" link. At the bottom of the page, there is a section titled "EXPLORE ASCE LIBRARY" with five buttons: "Journals >", "Books >", "Proceedings >", "Standards >", and "Magazines >". Below this is a section titled "JOURNALS".

3. 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 links for JOURNALS, BOOKS, MAGAZINES, AUTHOR CENTER, USER SERVICES, and TOPICS. On the right side of the menu are links for 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 "Enter Search term" 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

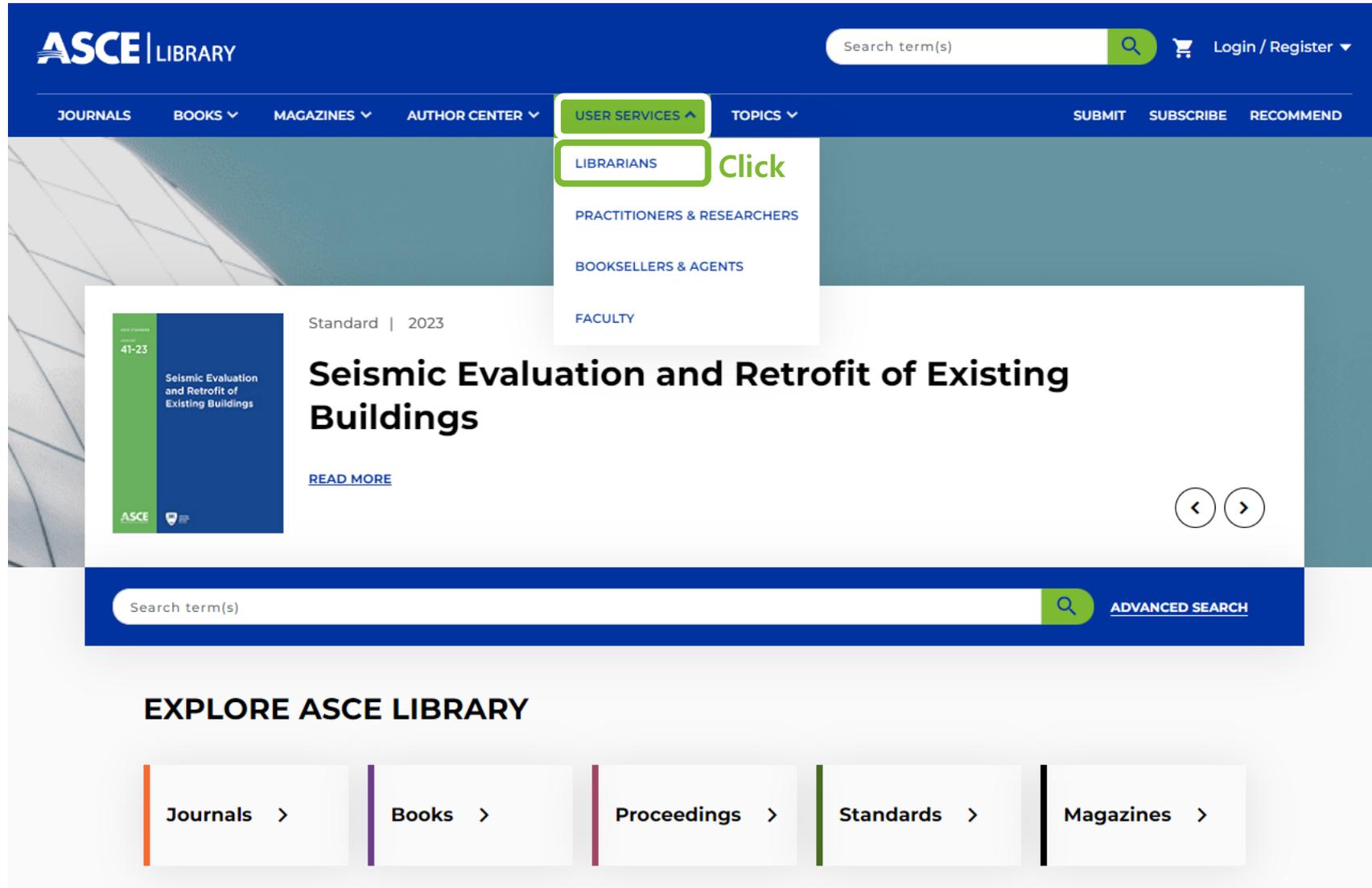
To search for multiple authors, separate each author name with either AND or OR. Using AND will search for content that has been co-authored by the authors. Using OR will search for content that has been authored by either of the authors.

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.

4. User Service in ASCE

- User Service 보기



- User Service 보기

The screenshot shows the ASCE Library website interface. The top navigation bar includes the ASCE LIBRARY logo, a search bar, and a user account dropdown labeled 'SHINWON Demo'. The main navigation menu contains 'JOURNALS', 'AUTHOR CENTER', 'USER SERVICES', and 'TOPICS'. The 'My Account' section is highlighted, showing a list of services and settings. Callouts provide detailed information about these services.

내 정보

- 신규 Content, Citation 알람 설정
- 저장된 검색 보기

Tools [재등록 없음]

- My Profile
- Content Alerts
- Saved Searches
- RSS Feeds

Services

- Rights Request
- Bibliographic Indexes

Subscriptions

FAQs

My Profile 클릭 시

- 계정 정보
- 기관 정보
- 구독 정보
- ASCE Library Card 정보
- 신규 Content, Citation 알람 설정
- 저장한 원문, 저널, ebook 보기
- 저장된 검색 보기

Subscriptions / Purchases

- Redeem Token
- Alerts
- Favorites
- Saved Searches
- Institutional Affiliations
- **Personal Settings**
- Billing Address

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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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