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# 美国土木工程学会数据库使用指南



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- 检索技巧

**ASCE**

AMERICAN SOCIETY OF CIVIL ENGINEERS

# 美国土木工程学会介绍

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- 成立于1852年，是美国历史最悠久的工程学会。
- 在177个国家拥有超过15万名会员。
- 在规划、设计、建造、建筑环境以及保护和恢复自然环境等领域处于行业前沿。
- 技术和专业会议及继续教育提供商，世界上最大的土木工程内容出版商，以及保护公众的规范和标准的权威来源。
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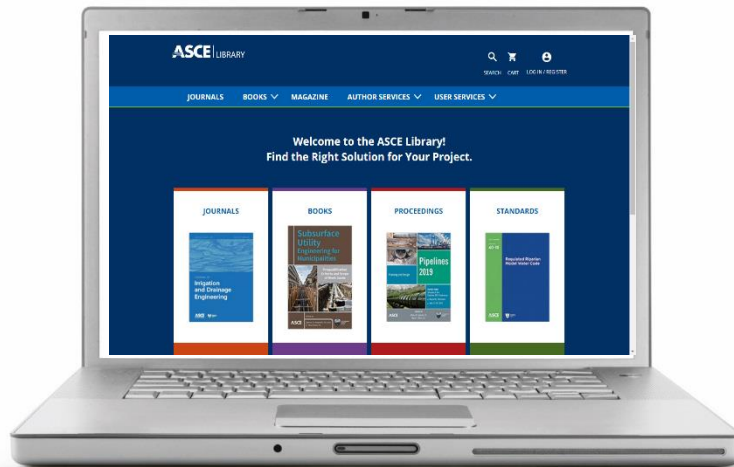
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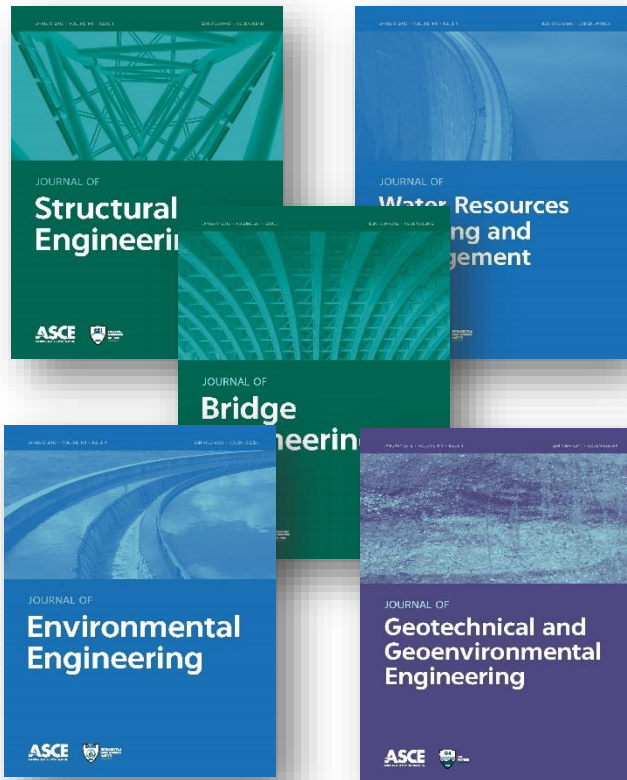
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Journal of Bridge Engineering	《桥梁工程期刊》	月刊
Journal of Structural Engineering	《结构工程期刊》	月刊
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Journal of Management in Engineering	《工程管理期刊》	双月刊
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International Journal of Geomechanics	《国际地质力学期刊》	月刊
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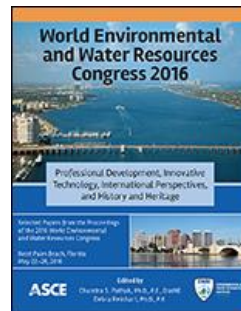
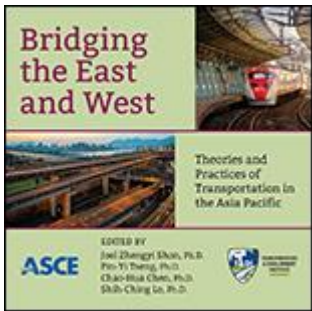
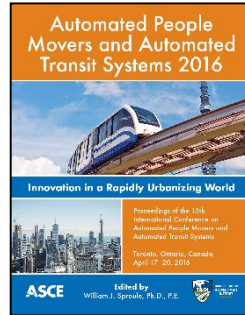
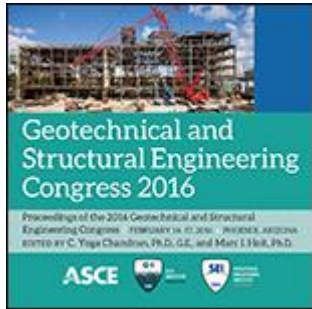
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Journal of Hazardous, Toxic & Radioactive Waste Management	《危险性、毒性和放射性废物管理实用期刊》	季刊

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ASCE-ASME Journal of Risk and Uncertainty in Engineering Systems, Part A: Civil Engineering	《ASCE-ASME工程系统风险和不确定性期刊, A辑: 土木工程期刊》	季刊
Journal of Aerospace Engineering	《航天工程期刊》	双月刊
Journal of Architectural Engineering	《建筑工程学报》	季刊
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建筑材料	39
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港口建设	10
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可持续发展	43
交通运输	86
隧道和地下施工	44
城市规划和發展	27
水资源管理	66
航道	30



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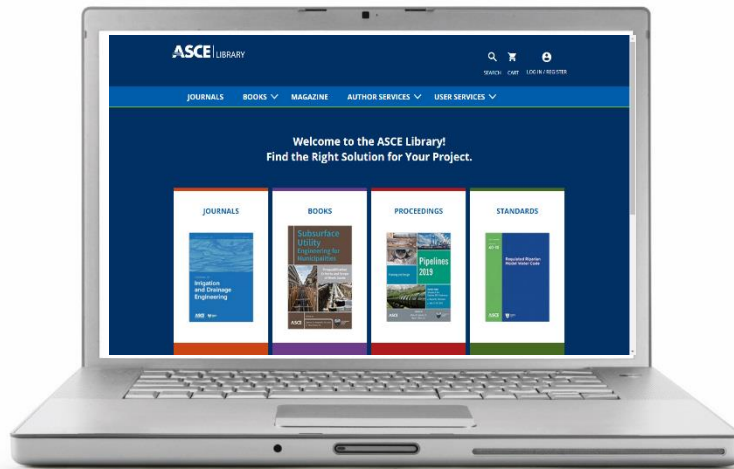
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- 体裁有：技术报告、名人传记、历史纪实、经验总结、操作指南、职场策略、会议录和电子书的投稿指南。



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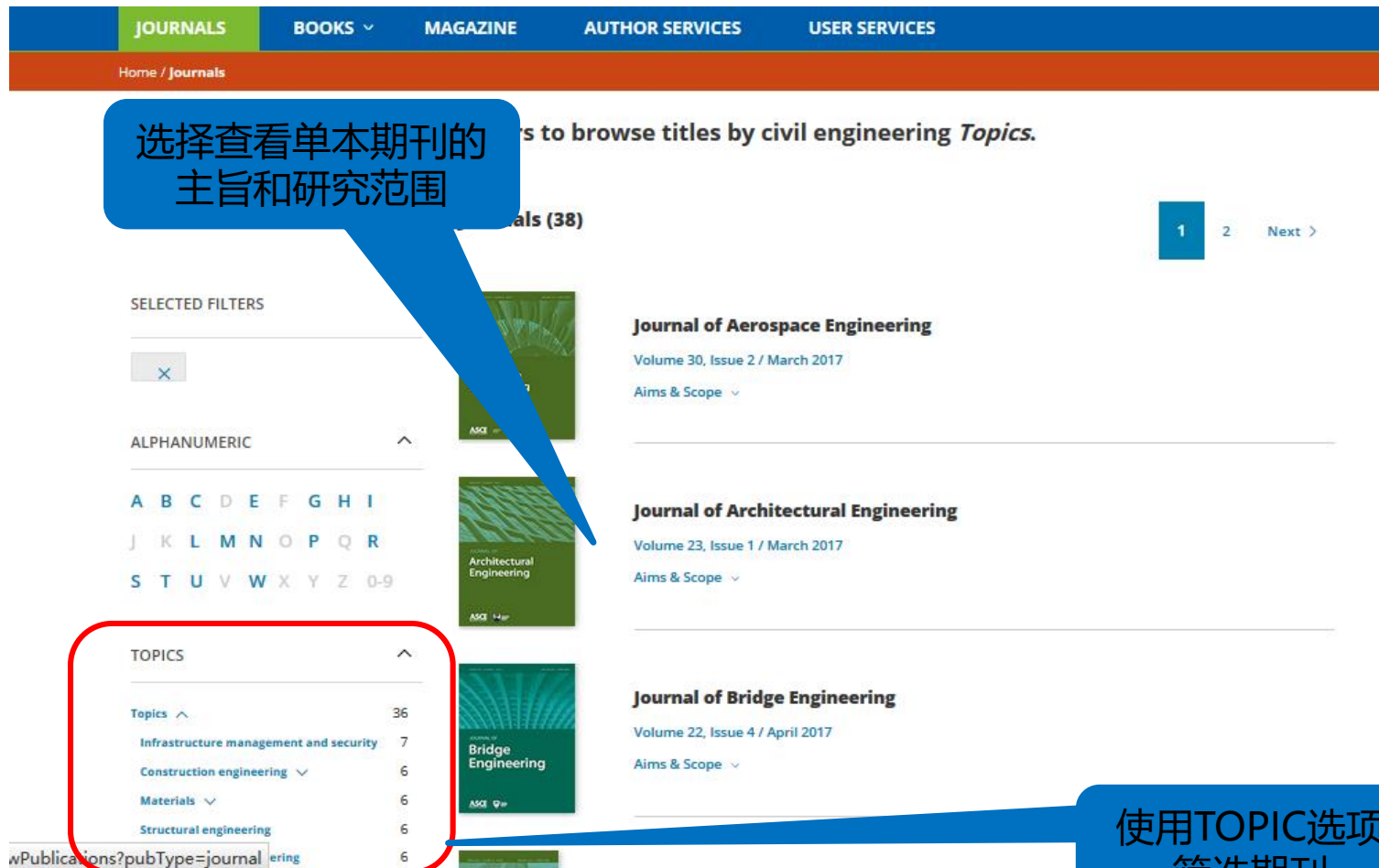


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- ASCE 使用自己设计的数据库平台，收录其所有电子出版物。
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Construction engineering	6
Materials	6
Structural engineering	6

Journal of Aerospace Engineering  
Volume 30, Issue 2 / March 2017  
Aims & Scope

Journal of Architectural Engineering  
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Journal of Bridge Engineering  
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Aims & Scope

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Journal of Management in Engineering Volume 33 Issue 1 - January 2017

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## MARS: Metaframework for Assessing Ratings of Sustainability for Buildings and Infrastructure

Dean Papajohn, P.E., M.ASCE; Chris Brinker; and Mounir El Asmar, Ph.D., A.M.ASCE

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### Abstract

Many sustainability rating systems have been developed to assess the sustainable development of the built environment. Most rating systems rely on indicators to measure specific project features. However, there is no widely accepted framework to evaluate sustainability rating systems. This paper contributes to the body of knowledge by developing a metaframework for assessing ratings of sustainability (MARS). Instead of assessing specific projects, MARS provides a novel view by analyzing the sustainability rating systems themselves. A literature review highlights relevant theories, concepts, and processes used in the development of sustainable rating systems. A content analysis of 95 peer-reviewed articles identified 19 key criteria. These 19 criteria are used to develop a metaframework that can be used to assess, improve, and validate existing rating systems, and may also serve as a basis to create new rating systems. A MARS scorecard is presented and its application

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DOI: [http://dx.doi.org/10.1061/\(ASCE\)ME.1943-5479.0000478](http://dx.doi.org/10.1061/(ASCE)ME.1943-5479.0000478)

Received: November 25, 2015

Accepted: May 18, 2016

Published online: July 13, 2016

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Dean Papajohn, P.E., M.ASCE; Chris Brinker; and Mounir El Asmar, Ph.D., A.M.ASCE

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### Abstract

Many sustainability rating systems have been developed for the development of the built environment. This paper presents a new measure specific project rating system (MARS) to help evaluate sustainability. MARS is a new measure of knowledge by developing a new sustainability (MARS). In this paper, a high-level view by analyzing the literature review highlights the key frameworks of sustainability.

#### MARS: Metaframework for Assessing Rating...



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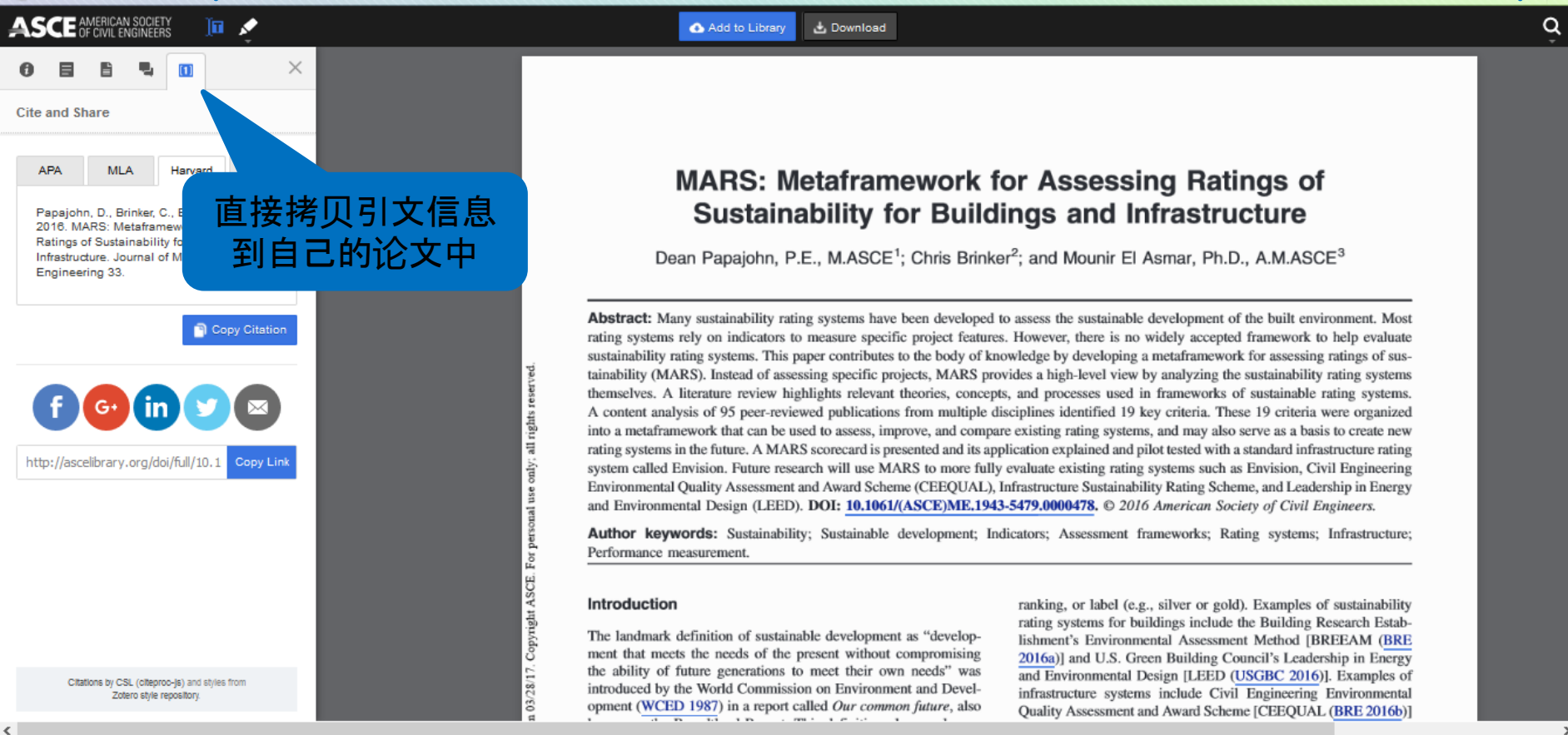
publications from multiple disciplines identified 19 key criteria. These 19 criteria were organized into a metaframework that can be used to assess, improve, and compare existing rating systems, and may also serve as a basis to create new rating systems in the future. A MARS scorecard is presented and its application

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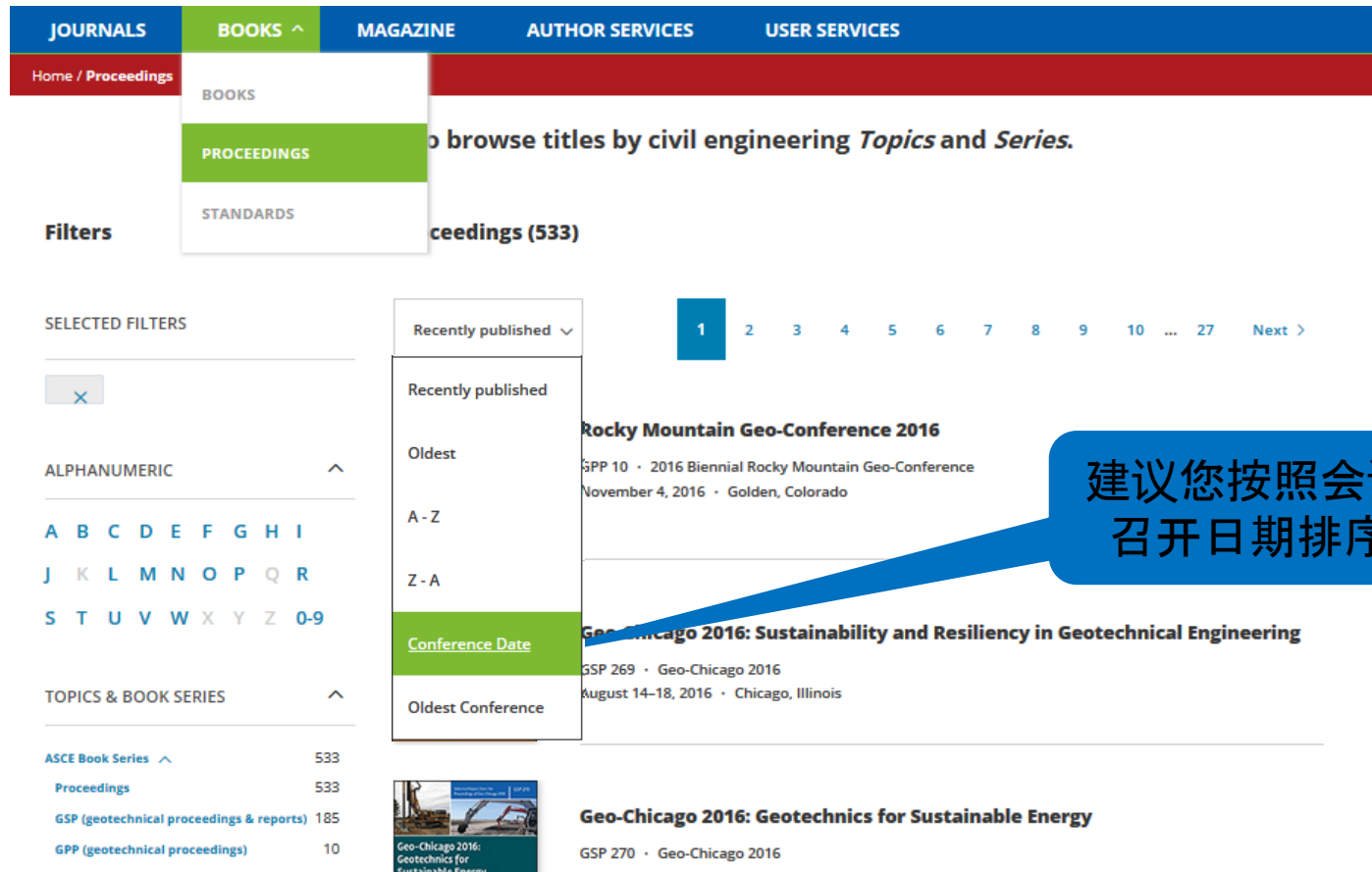
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**Rocky Mountain Geo-Conference 2016**

GPP 10 · 2016 Biennial Rocky Mountain Geo-Conference  
November 4, 2016 · Golden, Colorado

**Geo-Chicago 2016: Sustainability and Resiliency in Geotechnical Engineering**

GSP 269 · Geo-Chicago 2016  
August 14-18, 2016 · Chicago, Illinois

**Geo-Chicago 2016: Geotechnics for Sustainable Energy**

GSP 270 · Geo-Chicago 2016

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## B. 会议录的浏览技巧

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Cold regions	1



### World Environmental and Water Resources Congress 2016: Hydraulics and Waterways and Hydro-Climate/Climate Change

World Environmental and Water Resources Congress 2016  
May 22–26, 2016 · West Palm Beach, Florida



### World Environmental and Water Resources Congress 2016: Water, Wastewater, and Stormwater and Urban Watershed Symposium

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**Development of a Road Monitoring and Reporting System Based on Location-Based Services and Augmented-Reality Technologies**

Journal of Performance of Constructed Facilities | December 2012 | Volume 26, Issue 6 (812 - 823)

Online publication date: August 03, 2011

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**Generate-Select-Check Based Daily Reporting System**

Journal of Computing in Civil Engineering | October 2005 | Volume 19, Issue 4 (412 - 425)

Online publication date: October 01, 2005

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Case Report	案例报告
Brief Report	快报
Book Review	书评
Discussion	会议或讨论的结果
Chapter	会议录和电子书
Prelim	序言或目录的检索结果
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Journal of Professional Issues in Engineering Education and Practice | January 2016 | Volume 142,  
Online publication date: May 26, 2015

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Journal of Construction Engineering and Management | November 2011 | Volume 137, Issue 11 (1015 - 1025)  
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Journal of Surveying Engineering | November 2016 | Volume 142, Issue 4  
Online publication date: March 29, 2016

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Tenth International Conference of Chinese  
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Hua Zang ; Yong-ming Tu ; Kui-hua Mei ; and Wei Zhang

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AWWA (American Water Works Association). (1998). "Standard methods for the examination of water and wastewater." Water Environment Federation, Washington, DC.

Bas, D., and Boyacı, İ. H. (2007). "Modeling and optimization. I: Usability of response surface



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Q & A