

The ASME
Digital Collection
EXCELLENCE IN ENGINEERING



ASME Digital Collection Platform

The screenshot shows the ASME Digital Collection website homepage. At the top left is the ASME logo with the text "DIGITAL COLLECTION" and "THE AMERICAN SOCIETY OF MECHANICAL ENGINEERS". To the right are links for "Cart" and "Sign In". Below the header is a navigation bar with categories: Journals, Conference Proceedings, eBooks, Standards, Topic Collections, and Resources. A search bar is located on the right side of the navigation bar. The main content area features a banner with the text "The ASME Digital Collection" and a description: "ASME's authoritative, online reference of current and archival literature. It provides unparalleled depth, breadth, and quality of peer-reviewed content including journals, conference proceedings and ASME Press books. Read more...". Below the banner is a "Featured Content" section displaying six book covers with their respective titles and authors.

The ASME Digital Collection

ASME's authoritative, online reference of current and archival literature. It provides unparalleled depth, breadth, and quality of peer-reviewed content including journals, conference proceedings and ASME Press books. [Read more...](#)

Featured Content

- J. Eng. Sustain. Bldgs.
- ASME Letters Dyn. Sys.
- IMECE
- IDETC/CIE
- New Online Guide
- New Edition

The ASME Digital Collection has been hosted on the Silverchair platform since March, 2013. Silverchair supports OUP, AMA, Wolters Kluwer Health, Duke University Press, MIT Press, etc. Overall around 30 scholarly publishers on the platform. Our platform is located at <http://www.asmedigitalcollection.asme.org> and content is accessed via IP authentication or in special cases, username/password

ASME Digital Collection Platform - Navigation

Once you are on the platform, the following slides will help you understand the different search features, Single Sign-On options as well as assigning Admins to individual Institutions within a Consortium

ASME Digital Collection Platform

Each University will access their content via the IPs associated with them. Students, faculty, etc, have the option to set-up single sign-on accounts (SSOs). This would allow them the ability to save search results, receive TOC alerts, etc.

- On the right-hand side of the screen, you will find the "Sign In" box, where you would enter your email address, and click continue.
- Choose a 7 to 14 character password and then click on "Create Account".
- Through the IP authentication, their account will have the same access as their institution, for remote access

Instructions provided on next slide with drop downs of each function

Student User Guide

ASME DIGITAL COLLECTION
THE AMERICAN SOCIETY OF MECHANICAL ENGINEERS

Sign up for a free ASME Digital Collection account providing you with the ability to save search results, receive TOC alerts and RSS Feeds to mention a few.

Getting Started

Click on "SIGN IN"

Enter your email address and click on "Continue" (Current ASME Members please enter the email address associated with your account. Choose a 7-14 character password and then click on "Create Account". Through the IP authentication, your account will have the same access as your institution, for remote access.

pg 1

Description of Tabs

My Subscriptions & Downloads
Lists your subscriptions, but not those affiliated with the institution as well as any article purchases made.

My Tokens
Shows content purchased using the article pack.

My Alerts
Sign up for email alerts. This tab will show any new content, Accepted Manuscripts, etc.

Saved Searches
Save figures and tables from content for easy access while working.

Account Information
Contains Name, ASME Customer Number and email address affiliated with your account.

pg 2

ASME Digital Collection Platform

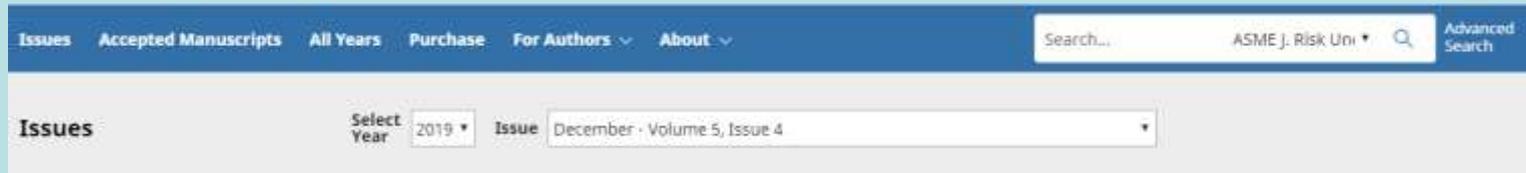
In addition to content access, each University will also have the option to assign their own Administrator. Administrators have the ability to see IPs associated to their University, current subscriptions and dates as well as the ability to pull COUNTER usage themselves. This can be set-up by emailing asmedigitalcollection@asme.org with a name and email. Anything that needs to be modified to their page, however, needs to be sent to ASME. For example, Institutional logos added to their landing page, IPs added or removed, OpenURL, Referring URLs as well as Shibboleth

Instructions provided on next slide with drop downs of each function

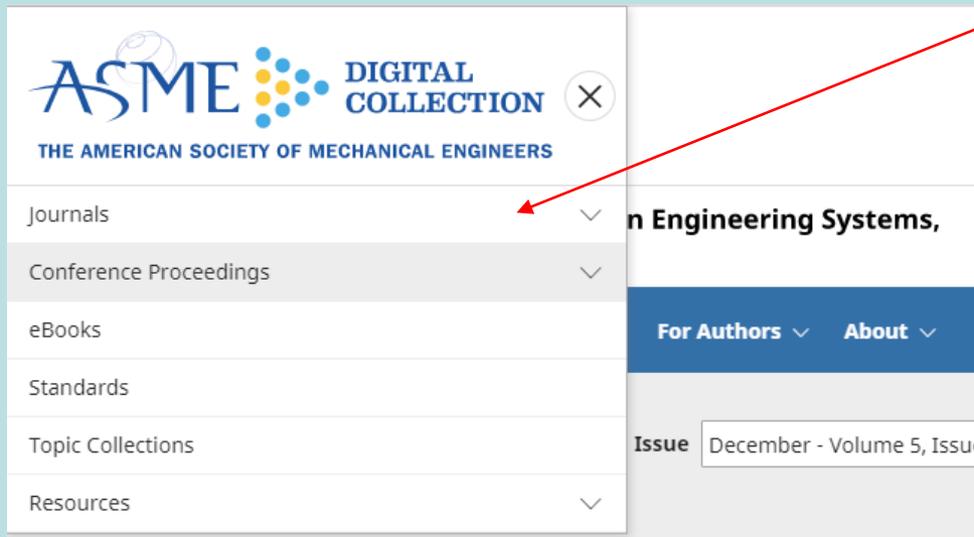
Digital Collection Highlights and Features

- Powerful search tools that retrieve content simultaneously
- Advanced filtering tools to refine search results by keywords, topics, journal citation and date range
- Topic collections for specific subject area
- Enhanced user experience (UX), providing simplified navigation, and inline figures and tables
- Responsive web pages for better desktop and mobile experience
- Links to CrossRef, Google Scholar, and Web of Science to discover citing articles
- Tools for citation export
- Ability to share links by social media and email
- Email alerts for saved searches and newly published content
- COUNTER/SUSHI compliant
- Shibboleth Institutional login
- Indexed in leading abstracting and indexing (A&I) services

ASME Digital Collection Platform



The Issues tab allows you to search for your Journal by either year or Issue. You can also use the Advanced Search box on the upper right hand box



On the top left-hand side of the screen you will see a drop down arrow next to Digital Collection; you can search for Journals there as well

ASME Digital Collection Platform



ASCE-ASME Journal of Risk and Uncertainty in Engineering Systems, Part B: Mechanical Engineering



Just Accepted Manuscript

RESEARCH-ARTICLE | November 1, 2019

Design for Interface Stiffness of Mechanical Products Using Integrated Simulation

Jian Zhang, Mengxiang Wu, Qingjin Peng, Uday S. Dixit, Peihua Gu

ASME J. Risk Uncertainty Part B. doi: <https://doi.org/10.1115/1.4045556>

Abstract ▾

View article

 PDF

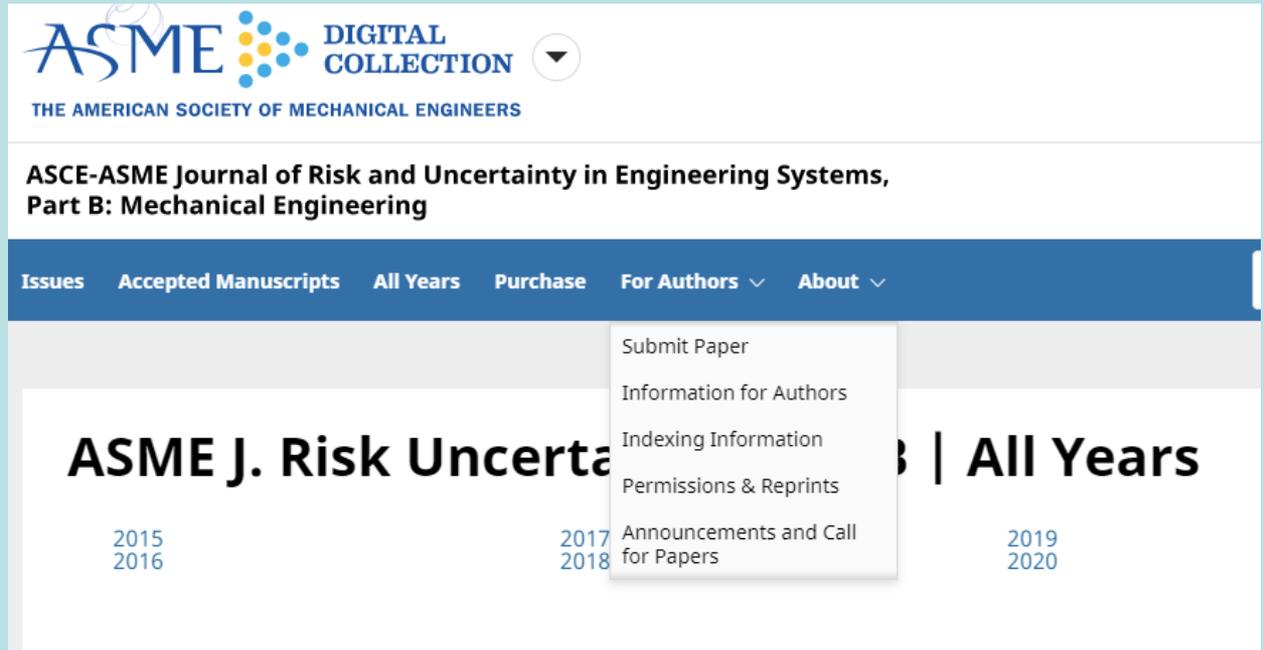
The “Accepted Manuscripts” tab lists all current Research Articles that were most recently accepted

ASME Digital Collection Platform

The screenshot displays the ASME Digital Collection interface. At the top, a dark blue navigation bar contains the following links: [Issues](#), [Accepted Manuscripts](#), [All Years](#), [Purchase](#), [For Authors](#) (with a dropdown arrow), and [About](#) (with a dropdown arrow). Below this is the ASME logo, which includes the text "ASME" in a large serif font, "DIGITAL COLLECTION" in a smaller sans-serif font, and "THE AMERICAN SOCIETY OF MECHANICAL ENGINEERS" in a very small font below. To the right of the logo is a small circular dropdown menu. The main content area features the text "ASCE-ASME Journal of Risk and Uncertainty in Engineering Systems, Part B: Mechanical Engineering". Below this, a second dark blue navigation bar is visible, with the same links as the top bar, but with "All Years" highlighted in white. The main content area below this bar has a light gray background and displays the title "ASME J. Risk Uncertainty Part B | All Years" in a large, bold, black font. Underneath the title, the years 2015, 2016, 2017, 2018, 2019, and 2020 are listed in a smaller, blue font, arranged in three columns: 2015 and 2016 on the left, 2017 and 2018 in the middle, and 2019 and 2020 on the right.

The "All Years" tab lists the Journal publication years available

ASME Digital Collection Platform



The "For Authors" tab is where you would find information on submitting papers and the steps needed to take

ASME Digital Collection Platform

Issues Accepted Manuscripts All Years Purchase For Authors About

ASME DIGITAL COLLECTION
THE AMERICAN SOCIETY OF MECHANICAL ENGINEERS

ASCE-ASME Journal of Risk and Uncertainty in Engineering Systems,
Part B: Mechanical Engineering

Issues Accepted Manuscripts All Years Purchase For Authors About

About ASCE-ASME journal of Risk and Uncertainty in Engineering Systems, Part B: Mechanical Engineering
Meet the Editors

ASME J. Risk Uncertainty P years

2015 2017 2019
2016 2018 2020

The "About" tab will give you some information on the particular Journal you are searching, such as who the Editors are, Frequency, ISSNs as well as links to submitting a paper for the particular Journal

ASME Digital Collection Platform

Below the Journal, you will see Latest, Most Read and Most Cited

Latest	Most Read	Most Cited
<p>A New Approach for Forecasting the Price Range With Financial Interval-Valued Time Series Data <i>ASME J. Risk Uncertainty Part B</i> (June 2015)</p> <hr/>		
<p>Reliability Analysis of Repairable System With Multiple Fault Modes Based on Goal-Oriented Methodology <i>ASME J. Risk Uncertainty Part B</i> (March 2016)</p> <hr/>		
<p>Uncertainty Management in Remanufacturing Decisions: A Consideration of Uncertainties in Market Demand, Quantity, and Quality of Returns <i>ASME J. Risk Uncertainty Part B</i> (June 2015)</p> <hr/>		

These drop down search boxes will provide the Latest Research article published, the Most Read articles as well as Most Cited.

ASME Digital Collection Platform

Directly under the above, you will see links below to help with Papers and Media Information for each Individual Journal



ASME Journal Media

Subscribe to our YouTube channel to see interviews with our Journal Editors discussing their research and vision for their journal. We also have a podcast series by Harry Dankowicz interviewing leading experts in a variety of Mechanical Engineering fields.



Call for Papers

ASME continuously publishes special issues in emerging areas. Stay up to date on the latest call for papers if you'd like to submit.



ASME's Guide for Journal Authors

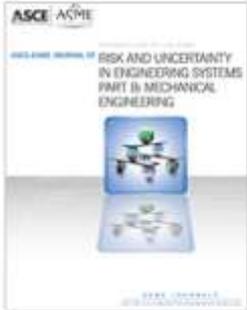
If you're new to the ASME Journals, here's our guide for submitting a paper, open access, benefits to authors and much more. Still have questions? We're happy to hear from you! Send us an email at journals@asme.org.

ASME Digital Collection Platform

Once you have chosen the Journal you wish to extract articles from, you will have the following options:

Issues

Volume 5, Issue 4
December 2019



[Previous Issue](#) [Next Issue](#)

ISSN 2332-9017
EISSN 2332-9025

In this Issue

- Guest Editorial
- Special Papers
- Special Section Papers
- Research Papers

GUEST EDITORIAL

Special Papers

Special Section on Risk Analysis and Management of Complex Systems [🔗](#)

Gilberto de Souza, Marcelo A. Trindade

ASME J. Risk Uncertainty Part B. December 2019, 5(4): 040301. doi: <https://doi.org/10.1115/1.4044666>

Extract [v](#)

View article

 PDF

Topics: [Complex systems](#), [Risk analysis](#), [Uncertainty](#), [Design](#)

On the left-hand side, you can toggle between issues. Under the Guest Editorial Box above, you can Extract, View Article or download the PDF as shown above

Digital Collection Upgrade launched on August 20, 2019

- UI redesign based on Silverchair's latest standard themes
- Responsive pages for better desktop and mobile experiences
- Enhanced UX (navigation, Split-view, etc.)
- Search improvements (better indexing, query builder, additional facets for filtering)
- CrossRef features (ORCID, CitedBy, CrossMark and Chorus)
- Full HTML eBooks, not just PDF
- Author supplied keywords

Topic Collections on the Digital Collection

- Aerospace Industry
- Applied Mechanics
- Automotive Industry
- Biomechanical Engineering
- Boilers & Pressure Vessels
- Building & Construction
- Careers
- Computer-Aided Design (CAD)
- Computers & Information in Engineering
- Conventional Power & Fuels
- Defense Industry
- Design Engineering
- Dynamic Systems & Control
- Electronic & Photonic Packaging
- Energy
- Engineering Technology Management
- Environmental Engineering
- Fluids Engineering
- Heat Transfer
- Internal Combustion Engines
- Manufacturing & Processing
- Nanotechnology
- Noise Control & Acoustics
- Nondestructive Evaluation
- Nuclear Engineering
- Numerical Analysis
- Ocean, Offshore & Arctic Engineering
- Pipeline & Piping Systems
- Renewable Energy
- Robotics & Mechatronics
- Transportation
- Tribology

Digital Collection Benefits

- Access full text articles, from every recognized device, 24 hours a day
- Mobile-optimized content
- New articles are online up to two months ahead of print publication
- Get the latest news and research via Table of Contents e-alerts
- Valuable services that enable users to download key information, organize references, save images and tables in the user accounts
- Article references link to the full abstracting services including: Ex Libris, Crossref, SCOPUS, EBSCO A-Z
- MARC records for eBooks, currently available through 2019 titles
- KBART lists
- Post-cancellation rights
- Accessible customer service
- Access via Shibboleth, for applicable institutions
- Customizable interface integrating your institution name

Usage and Turn-away Reports

In compliance with COUNTER standards, reports are available to administrators with prior month's data by the 5th business day each month.

January 2017 - September 2017 (Current Year-to-Date)	
Book Report 2: Number of Successful Section Requests by Month and Title	Download XLSX
Book Report 3: Access Denied to Content Items by Month, Title and Category. Please note: this report will begin to display data starting in early February, 2014 when January COUNTER data becomes available.	Download XLSX
Journal Report 1: Number of Successful Full-Text Article Requests by Month and Journal	Download XLSX
Journal Report 2: Access Denied to Full-Text Articles by Month, Journal and Category. Please note: this report will begin to display data starting in early February, 2014 when January COUNTER data becomes available.	Download XLSX
Journal Report 5: Number of Successful Full-Text Article Requests by Year-of-Publication (YOP) and Journal	Download XLSX
Platform Report 1: Total Searches, Results Clicks and Record Views by Month and Platform	Download XLSX