

土木水利工程國際研究成果發表經驗分享

土木水利工程國際研究成果發表經驗分享(11/21 下午 13:20，臺灣科技大學 IB301)

各位學術先進及同儕：

國科會土木水利工程學門繼去年(2023)根據國內外學者專家的意見，量化「期刊聲譽」發表「土木水利工程學門國際期刊排序報告」，希對學者未來投稿期刊的選擇有所助益。今年(2024)接續為進一步協助研究人員提升在國際期刊及會議的投稿成功率，將於 2024 年 11 月 21 日(四)舉辦「土木水利工程國際研究成果發表經驗分享」座談會。因應各專業領域的特質，研發面向及重點仍有異同，本次講座很榮幸地邀請到學門內各領域(結構工程、結構材料、水利生態、交通運輸、大地工程、建築都市、測量製圖、土木材料、營建管理、資訊科技)擔任國內外期刊編輯委員及具有豐富投、審稿經驗的學者，以專題演講及開放式座談分享研究主題研擬、備稿、投稿、審稿、修訂、校稿、刊登乃至延續未來方向的生命周期歷程中的學術經驗。座談中並邀請 Elsevier、ASCE (American Society of Civil Engineers)、Springer Nature、Taylor & Francis 等國際期刊主編及編審委員，針對投稿流程關鍵事宜、審稿方式等進行重點解說，對土木水利工程領域年輕學者未來爭取擔任知名國際期刊編輯、或欲投稿至國際社群的碩博士生、教授及研究人員極具參考價值，歡迎報名參加，共襄盛舉~

講座資訊：

- 活動名稱：土木水利工程國際研究成果發表經驗分享
- 活動時間：2024 年 11 月 21 日 (四) 13:20 (12:30 開放入場)
- 活動地點：臺灣科技大學 國際大樓三樓 301 (IB301)
- 報名連結：<https://forms.gle/BE96XgJDZB7uGfHv8>

13:20	國際研究成果發表的價值與經驗分享 講者介紹 臺灣科技大學 周瑞生 講座教授兼國科會土木水利工程學門召集人
13:40	(結構工程) 美國土木工程師學會(ASCE)結構工程期刊副主編經驗分享(一)及中國工程學刊共同主編經驗分享 國家地震中心 歐昱辰 主任
14:00	(結構材料) 美國土木工程師學會(ASCE)結構工程期刊副主編經驗分享(二)及愛思唯爾(Elsevier)工程結構領域期刊客座主編經驗分享 成功大學 洪崇展 特聘教授
14:20	(水利生態) 愛思唯爾(Elsevier)水文領域期刊主編、美國土木工程師學會(ASCE)水文期刊最佳副主編及Springer Nature水利領域期刊編輯委員經驗分享 臺灣大學 蔡宛珊 特聘教授
14:40	(交通運輸) 愛思唯爾(Elsevier)交通運輸領域期刊副主編經驗分享 陽明交通大學 盧宗成 特聘教授
15:00	(大地工程) 泰勒與法蘭西斯(Taylor & Francis)大地工程領域期刊助理編輯經驗分享 中興大學 蔡祁欽 特聘教授
15:20	(建築都市) 建築都市領域國際研究成果發表經驗分享 高雄師範大學 王仁俊 特聘教授 兼研發長
15:40	(測量製圖) 美國土木工程師學會(ASCE)測量工程期刊副主編經驗分享 臺灣大學 韓仁毓 教授暨自然處空間資訊科技學門召集人
16:00	(土木材料) 土木材料領域國際研究成果發表經驗分享 臺灣大學 廖文正 教授兼總務長
16:20	(營建管理) 愛思唯爾(Elsevier)營建管理領域期刊副主編經驗分享 朝陽科技大學 余文德 特聘教授
16:40	(資訊科技) Springer Nature資訊科學領域期刊助理編輯及美國土木工程師學會(ASCE)電腦計算諮議委員經驗分享 中央大學 陳介豪 特聘教授兼智慧營建研究中心主任
17:00	座談討論 Q&A (中、英文對談)

主辦單位: 國科會工程處土木水利工程學門、臺灣科技大學、台灣營建管理學會

土木水利工程學門國際期刊列表建議

土木水利學門

最新公告(Announcement)

學門簡介(Introduction)

研究領域(Research Development)

研究人才(Researcher)

國際期刊(International Journal)

國內期刊(Domestic Journal)

聯絡窗口(Contact Us)

相關連結(Related Link)

Construction

營管領域國際期刊列表 (2024)

聲譽排名		指標排名		綜合排名	
1	JOURNAL OF CONSTRUCTION ENGINEERING AND MANAGEMENT ASCE	1	RENEWABLE & SUSTAINABLE ENERGY REVIEWS ELSEVIER	1	AUTOMATION IN CONSTRUCTION ELSEVIER
2	AUTOMATION IN CONSTRUCTION ELSEVIER	2	ARCHIVES OF COMPUTATIONAL METHODS IN ENGINEERING SPRINGER	2	APPLIED ENERGY ELSEVIER
3	JOURNAL OF MANAGEMENT IN ENGINEERING ASCE	3	RESOURCES, CONSERVATION AND RECYCLING ELSEVIER	3	CITIES: THE INTERNATIONAL JOURNAL OF URBAN POLICY AND PLANNING ELSEVIER
4	JOURNAL OF COMPUTING IN CIVIL ENGINEERING ASCE	4	INTERNATIONAL JOURNAL OF PRODUCTION ECONOMICS ELSEVIER	4	RENEWABLE & SUSTAINABLE ENERGY REVIEWS ELSEVIER
5	ADVANCED ENGINEERING INFORMATICS ELSEVIER	5	AUTOMATION IN CONSTRUCTION ELSEVIER	5	ADVANCED ENGINEERING INFORMATICS ELSEVIER
6	APPLIED ENERGY ELSEVIER	6	APPLIED ENERGY ELSEVIER	6	BUILDING AND ENVIRONMENT ELSEVIER
7	BUILDING AND ENVIRONMENT ELSEVIER	7	CITIES: THE INTERNATIONAL JOURNAL OF URBAN POLICY AND PLANNING ELSEVIER	7	INTERNATIONAL JOURNAL OF PRODUCTION ECONOMICS ELSEVIER
8	KNOWLEDGE-BASED SYSTEMS ELSEVIER	8	JOURNAL OF MANUFACTURING SYSTEMS ELSEVIER	8	RESOURCES, CONSERVATION AND RECYCLING ELSEVIER
9.5	CITIES: THE INTERNATIONAL JOURNAL OF URBAN POLICY AND PLANNING ELSEVIER	9	ENERGY ELSEVIER	9	KNOWLEDGE-BASED SYSTEMS ELSEVIER
9.5	ENGINEERING APPLICATIONS OF ARTIFICIAL INTELLIGENCE ELSEVIER	10	COMPUTERS IN INDUSTRY ELSEVIER	10	INTERNATIONAL JOURNAL OF PROJECT MANAGEMENT ELSEVIER
11	IEEE TRANSACTIONS ON ENGINEERING MANAGEMENT IEEE	11	JOURNAL OF CLEANER PRODUCTION ELSEVIER	11	ENGINEERING APPLICATIONS OF ARTIFICIAL INTELLIGENCE ELSEVIER
12	INTERNATIONAL JOURNAL OF PROJECT MANAGEMENT ELSEVIER	12	SUSTAINABLE CITIES AND SOCIETY ELSEVIER	12	JOURNAL OF MANAGEMENT IN ENGINEERING ASCE
13	SAFETY SCIENCE ELSEVIER	13	BUILDING AND ENVIRONMENT ELSEVIER	13	ENERGY ELSEVIER
14	RELIABILITY ENGINEERING AND SYSTEM ELSEVIER	14	ADVANCED ENGINEERING INFORMATICS ELSEVIER	14	SUSTAINABLE CITIES AND SOCIETY ELSEVIER



Journal Selection & Decision Making

Research type	Academic: Methodology/Techniques/Skills/Tools	Industry: Problem Solving & Domain Knowledge	Target Journal JCR Category Ranking
1	Newly developed method	New problem	Top 5%
2	Newly developed method	Existing (Old) problem w/ literature comparison	Top 10% or Top 15%
3	Updated/Refined/Enhanced/Modified method w/ literature comparison	New	Top 15% or Q1(Top 25%)
4	Updated/Refined/Enhanced/Modified method w/ literature comparison	Existing (Old) w/ literature comparison	Q1(Top 25%)
5	Existing (Old) method w/ literature comparison	New	Q2 (25% - 50%)
6	Existing (Old) method w/ literature comparison	Existing (Old) w/ literature comparison	Q3 or Being rejected
7	<i>Please don't even think about it</i>		Q4

- Based on the self-evaluation of your research work and personal need, you can decide which journal **category ranking** (e.g., Top 10%, 15%, or Q1) to submit.

Submission Life-Cycle

- **Journal Finder:** Elsevier, Springer Nature, Wiley, Taylor & Francis, ASCE, WOS, JCR
- **File Preparation:**
 - ✓ Cover Letter (specify purpose, novelty, research methodology, accomplishment, and contributions)
 - ✓ Manuscript (stylish format? page limit?)
 - ✓ Highlights, Graphical Abstract (follow the guideline?)
 - ✓ Conflict of Interest Statement
 - ✓ List of Suggested Reviewers (latest and related!)
 - ✓ Source Code, Dataset, Experimental Settings (boost the acceptance!)
- **Submission:** Submit, await the editorial decision, and then set it aside.
- **Move on** to initiate your subsequent research work.

Key Takeaways

- **Emphasize Novelty:** Consistently highlight unique aspects of your work.
- **Review Delay Management:** Keep your submission process moving forward.
- **Common Reasons for Desk Rejection:**
 - ✓ Not relevant to the journal's scope
 - ✓ Insufficient novelty or contribution to the body of knowledge
 - ✓ Inadequate citations
 - ✓ High text similarity (over 25%)
- **Recommend Capable Reviewers:** Choose reviewers known for their expertise and ability to appreciate your research.
- **Journal Selection:** Opt for journals that align with your personal goals, such as promotion or awards.
- **Reflect on Feedback:** Consider rejections and reviewer comments as opportunities for improvement.
- **Adhere to Submission Guidelines:** Carefully follow the journal's formatting and submission instructions.
- **Patience and Persistence Are Keys:** Stay committed and patient throughout the research and publication process.

Sharing Experiences of Publishing in Top Structural Engineering Journals



Yu-Chen Ou, Ph.D., FACI

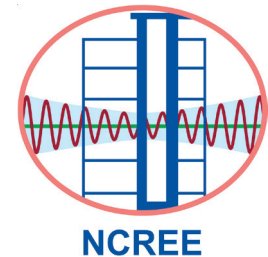
Tao Jia-Wei Chair Professor, Distinguished Professor

National Taiwan University

&

Director General

National Center for Research on Earthquake Engineering



My Background in Publishing...



- **Editorial Board**

- ASCE Journal of Structural Engineering
- Springer – Advances in Bridge Engineering
- Frontiers in Built Environment
- Journal of the Chinese Institute of Engineers
- Urban Resilience & Earthquake Engineering
- Journal of Chinese Institute of Civil and Hydraulic Engineering

- **Author & Reviewer**

- ASCE – Journal of Structural Engineering, Journal of Bridge Engineering, Journal of Materials in Civil Engineering
- ACI Structural Journal
- Elsevier – Engineering Structures, Journal of Building Engineering, Structures, Construction and Building Materials.
- Wiley – Earthquake Engineering & Structural Dynamics
- Taylor & Francis – Journal of Earthquake Engineering
- Others

Outline – To share my experience as:

- **Author**
 - *Selecting the right journal*
 - *Preparing the manuscript*
 - *Submission process*
 - *Addressing review comments*
- **Reviewer**
 - *What excites me?*
 - *What annoys me?*
- **Journal Editor**
 - *Review process*
 - *Role of the editor*
- **Final Thoughts**



My Experience as Author

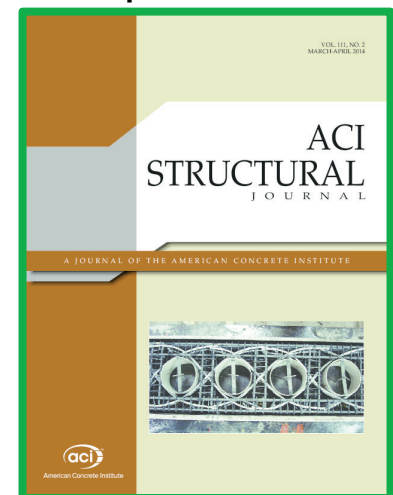


Step 1/4: Selecting the Right Journal

- **Most Important: Discuss with your advisor**
 - *The experience and knowledge of advisor is invaluable*
 - Advisors usually have good idea about the appropriate journal for the work that is going to be presented in the paper.
- **Scope, audience, and impact factor of the journal**
 - *My expertise is reinforced and prestressed concrete*
 - Hence I usually prefer ASCE JoSE, ASCE JoBE, ACI, Eng. Structures...
 - *Don't worry too much about Impact Factor and CiteScore !!!*
 - In structural engineering, some very reputed journals have impact factors that are not very high. Example: ACI Structural Journal.
 - 可參考”土木水利工程國際期刊排序”聲譽排序。

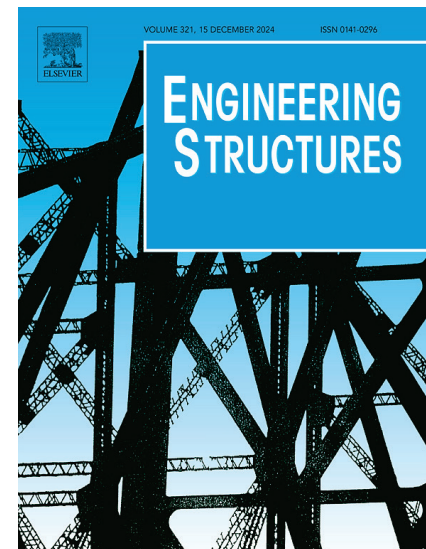
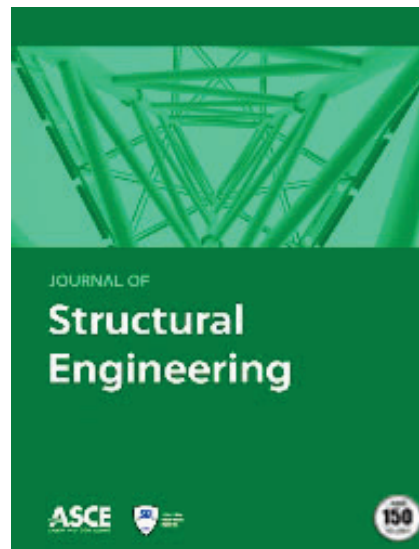
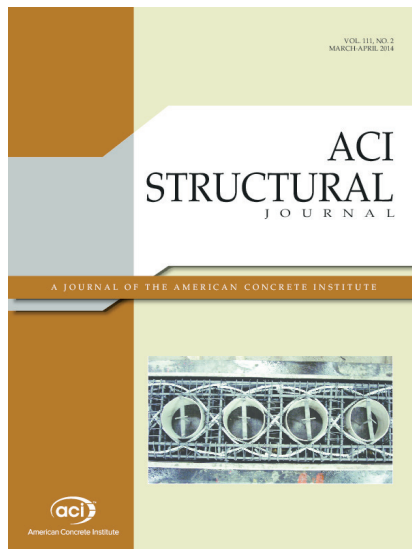
2023 Impact Factor of ACI
Structural Journal = 1.3 !!!

But it's a very reputed
journal



Step 1/4: Selecting the Right Journal

- **Awareness about the time that will take for publication**
 - *Time taken for review to acceptance varies with journals*
 - ACI: Usually very long – ~ 6 to 18 months
 - ASCE: Moderate - ~ 5 to 14 months
 - Elsevier: Usually very quick - ~ 3 to 9 months



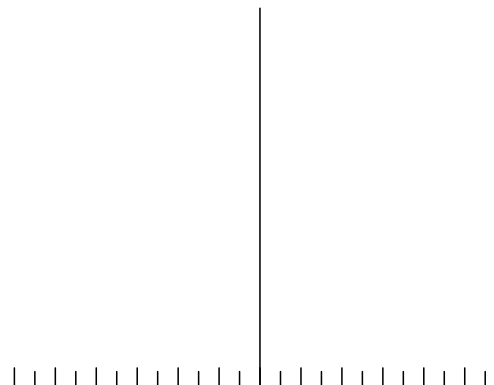
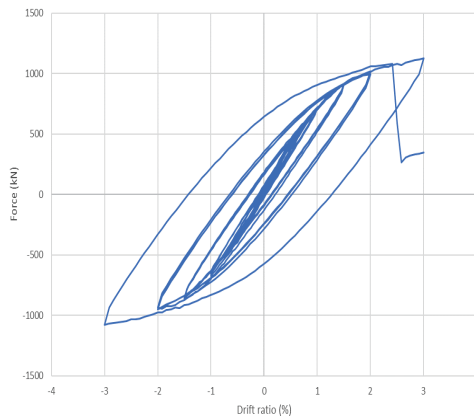
Step 2/4: Preparing Manuscript

- **Structure and size of research paper**

- *Abstract, Introduction, Methods, Results, Discussion, Conclusion, References*
 - Follow the structure suggested by the specific journal
 - Carefully go through the “Guide for Authors” from journal website
- *Try not to exceed page limits*
- *Be consistent with the units used in the paper: SI, FPS...*

- **Prepare high quality graphs and figures**

- Use appropriate software tools to prepare clear, vector quality graphs



Step 2/4: Preparing Manuscript

- **Reduce the size of image files used in the paper**
 - *Do not use large .jpeg files directly*
 - Large .jpeg images will be compressed heavily during conversion to .pdf leading to loss in quality



Image with good clarity

Pdf file generated from .jpeg file
whose size has been reduced.
.jpeg size: < 500 KB



Pdf file generated from
raw/original .jpeg file
.jpeg size: ~8MB



Blurred image

Step 2/4: Preparing Manuscript

- **Grammatically and technically correct English**

- Clear communication ensures your research is understood by a global audience
- Technical accuracy reflects the professionalism of your work.
- *Few tips*
 - Use simple, precise language – avoid complex sentences that obscure meaning
 - Define all acronyms and symbols at first use
 - Ensure consistency in units, equations, and terminologies
- *Make good use of online tools to improve English*
 - Grammar tools like Grammarly or Hemingway Editor
 - LLMs like ChatGPT, Gemini, etc.



grammarly

Hemingway
Editor



ChatGPT

Gemini

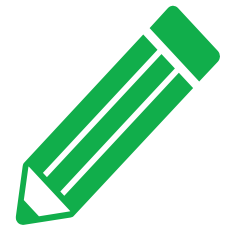
Step 3/4: Submission Process

- **Uploading files in journal's online submission system**
 - *Ensure the manuscript adheres to the journal's specific formatting guidelines*
 - *Ensure the manuscript file, figures, and tables are uploaded as per the required formats (e.g., PDF, Word, TIFF for images).*
 - *Pay attention to resolution and quality, especially for structural diagrams and graphs.*
 - *Familiarize yourself with the journal's online submission system (e.g., ScholarOne, Editorial Manager).*
- **If not in the correct format**
 - *Resubmission*
 - *Sometimes even rejection !!!*



Step 4/4: Addressing Review Comments

- **Strategies for addressing reviewer comments**
 - *Stay calm and open-minded*
 - Avoid taking criticism personally; focus on improving the manuscript
 - *Read the reviewers' feedback multiple times to ensure clarity*
 - Address the comments to the point
 - *Create response document*
 - List each comment individually, followed by your response
 - Provide, reference line or page numbers in the paper for ease of review
 - ***Be polite and professional***
 - Thank the reviewers for their insights
 - Use neutral language; avoid defensiveness.



My Experience as Reviewer

What excites me?



- **Clear and logical writing**
 - *Easy-to-follow narrative without excessive jargon*
- **Originality and relevance**
 - *Novel ideas that address critical gaps in knowledge*
- **Rigorous methodology and meaningful conclusions**
 - *Robust and well-documented research design and experiments*
 - *Results that are well-analyzed and supported by evidence*
- **High-quality visuals and data presentation**
 - *Clear graphs, tables, and figures that enhance understanding*
- **I very rarely reject a manuscript which are:**
 - *Readable and has a well conducted experiment*

What annoys me?



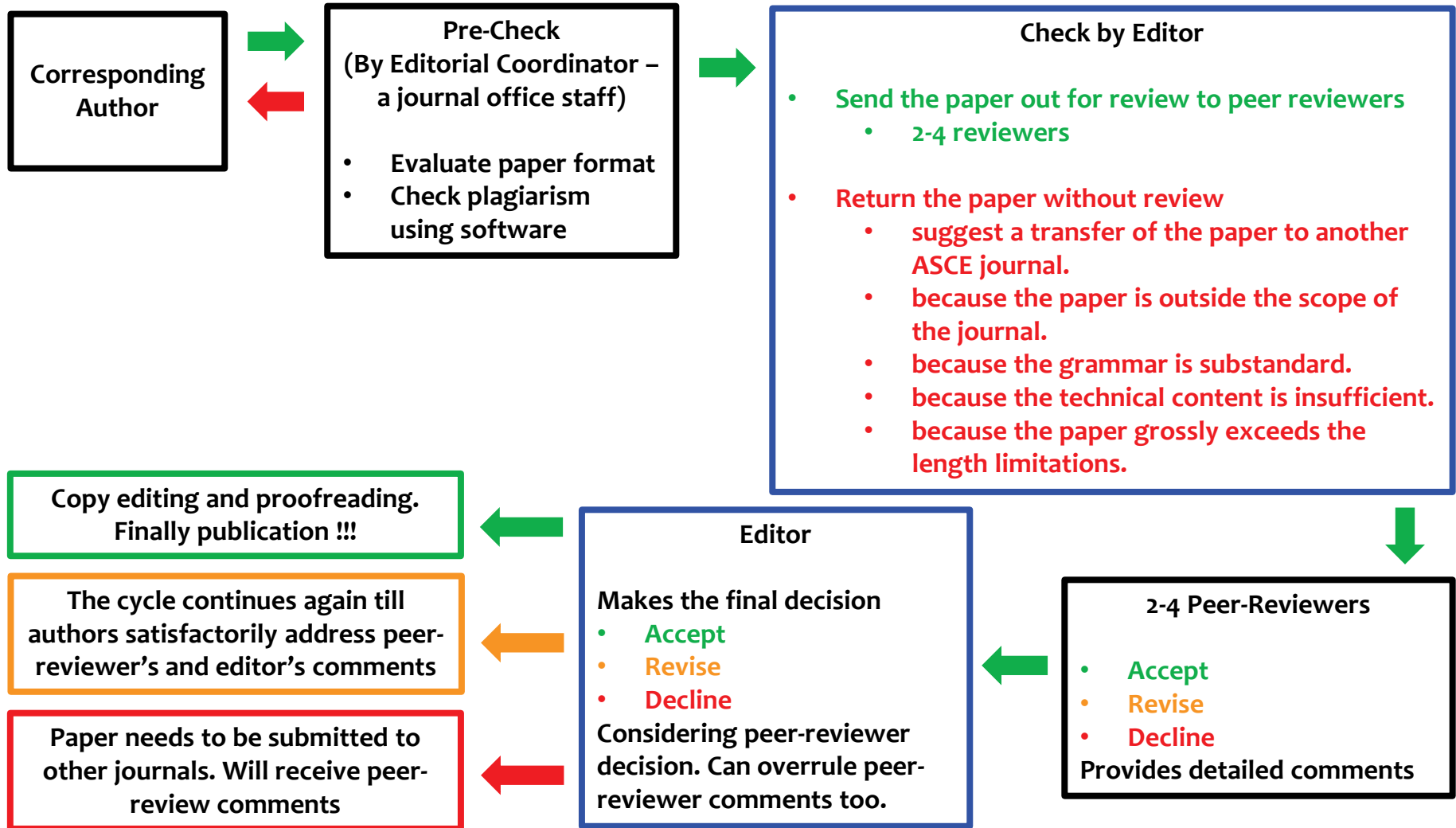
- **Lack of clarity and organization**
 - *Poorly structured manuscripts with unclear objectives and conclusions.*
- **Incomplete or flawed research**
 - *Inadequate description of methods, making replication impossible.*
- **Ethical concerns**
 - *Plagiarism or lack of proper citations for prior work*
- **Overloading with redundancy**
 - *Repetition of the same data or findings across sections*
- **Sloppy presentation**
 - *Errors in grammar, spelling, or figures*

My Experience as Journal Editor



The Review Process

- ASCE Procedure – similar for other journals too



Role of the Editor

- **Gatekeeper:**

- *Ensures only high-quality and relevant research gets published*
 - Make sure that **ABSTRACT** is compelling, and reflective of the main findings
 - Clearly define the problem and its importance
 - Highlight what is novel about your approach
 - Use **high-quality visuals** for key results

- **Evaluator**

- *Balances between innovation, rigor, and readability in manuscripts*

- **Facilitator**

- *Manages the peer review process to refine your work*
 - **Usually the peer-reviewers are selected from the works that are referenced in the manuscript. Young peer-reviewers often accept editors invitation to perform review.**
 - Very rarely, the manuscript is send to the reviewers suggested by the author to avoid quid pro quo.

Final Thoughts



Final Thoughts

- **Time and patience**
 - *Publishing in top structural engineering journal takes 6 months +*
 - So be patient, many things are out of your control
- **Remember: A good work will get published**
 - *There are instances in my career, where paper was rejected by a journal, but eventually got published in a better journal !!!*
- **Just do our part well and ethically**
 - *Clear, well-structured manuscripts with logical flow and proper formatting*
 - *High-quality visuals*

Closing Thought

“Publishing in top journals is not just about research quality—it’s also about presentation, perseverance, and understanding the publication process”



Thank You!



土木水利工程國際研究成果發表經驗分享

洪崇展

成功大學土木工程學系所

特聘教授

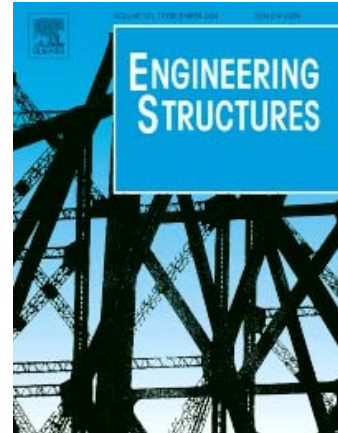
Journal of Structural Engineering ASCE :

- Associate Editor (since 2013/ 8)
- Guest Editor, Special Collection on "RC Structures with High and Ultra-high Performance Materials" (2019-2020)
- Best Paper Award Committee (2018-2019)

Engineering Structures (Elsevier):

- Guest Editor, Special Issue on " Structural Application of Non-Conventional Materials", (2024-)

Editor Decision Phrases available for inclusion in the Decision Letter are displayed below.



- ☐ The work is of a straightforward nature of limited **interest** to our international readers.
- ☐ The paper does not demonstrate any **innovative methods, approaches or novelty**.
- ☐ The manuscript does not appear to **contribute significantly** to the state of the art.
- ☐ The manuscript does not provide **sufficient detail** of the experimental and numerical work employed and does not appear to contribute significantly to the state of the art.
- ☐ Although the paper reports potentially valuable experimental data, there is little **insight and innovation evident** in the paper. For this reason, I must decline the paper.
- ☐ We have received many similar papers and there is no **clear innovation or novelty** in this work.
- ☐ The work is of a preliminary nature and needs more **detailed research** before publication.
- ☐ The training of the machine learning requires **a larger data base** before it can be used widely.
- ☐ The manuscript does not provide **sufficient detail** of the experimental and numerical work employed.
- ☐ The work is more appropriate to a regional journal.
- ☐ The work shows a strongly regional character, something that would impact the penetrability of the study in the **international audience** that the journal aims at for all its published studies. In this case, the study could be submitted to a national/regional journal or conference.

Editor Decision Phrases available for inclusion in the Decision Letter are displayed below.

- ☐ The work is more appropriate to a conference presentation.
- ☐ The review is not incisive – more a list of other work presented.
- ☐ There is no **synthesis of new ideas from the review**.
- ☐ The review is typical of a student thesis literature review and not appropriate for a journal publication.
- ☐ The work focuses on material science/characterization and is more appropriate for submission to a journal with that focus.
- ☐ The work focuses on electrochemical processes involved in corrosion and is more appropriate for submission to another journal.
- ☐ The study is closer to XYZ concepts and not directly related to structural engineering and mechanics which is the main subject of this journal.
- ☐ The manuscript is too focused on a case study.
- ☐ The manuscript is out of scope and focused on XX (most often this is materials or construction).



Scientific Contribution



GROUPE
novelty



Abstract

Introduction

Methods

Results

Discussion

References

總是會有發芽的種子



NSTC workshop November 21, 2024

Editorial Insights and Strategies for Success: Experiences as Editor-in-Chief, Associate Editor and Author

Speaker: Christina W. Tsai, Ph.D. (蔡宛珊)

Distinguished Professor

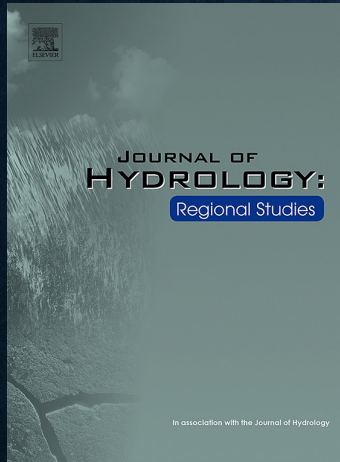
Department of Civil Engineering

National Taiwan University



Personal Background

Elsevier



Editor-in-Chief (EIC)

Journal of Hydrology:
Regional Studies

(SCI, IF=4.7, Top 13% in
Water Resources)

ASCE



Associate Editor (AE)

Journal of Hydrologic
Engineering

(SCI, IF=2.2, ASCE
Flagship journal)

Springer Nature



Editorial Board Member Associate Editor (AE)

Stochastic Environmental
Research and Risk
Assessment

(SCI, IF=3.9,
Top 4.5% in Statistics &
Statistics)

Elsevier



Journal of Hydro-
environment Research

(SCI, IF=2.4, IAHR
Flagship journal)

Editorial Perspectives:

Roles and responsibilities

- **EIC:** Overseeing Journal Operations & Development
Strategic Leadership
Editorial Oversight
Peer Review Management
Editorial Board Management
Ethical Stewardship
Advancing the Discipline (scope and visions, special issues, publication standards)
- **AE:** Supporting the Editor-in-Chief
Manuscript peer review
Upholding Editorial Standards
Supporting Journal Development

Editorial Perspectives:

Editor-in-Chief Responsibilities:

- Editorial Oversight
- Decision-Making
- Leadership
- Communication
- Innovation and Growth
- Problem Solving
- Accountability

Expectations for Editor-in-Chief:

Journal Metrics
Submission Trends
Peer-Review Efficiency
Author Satisfaction
Editorial Board Performance
Ethics and Integrity
Journal Growth and Reach
Financial Health
Community Engagement
Alignment with Journal Vision

Editorial Perspectives:

Associate Editors Responsibilities

- Receiving an assigned manuscript
- Pre-evaluation of an assigned manuscript
- Selection of reviewers
- Progress, evaluating and deciding on reviews
- Submit recommendations to Editor-in-Chief

Expectations for Associate Editor:

Timeliness

Reviewer Management

Decision Quality

Manuscript Handling

Contribution to Journal Goals

Communication Skills

Engagement and Initiative

Ethical Standards

Responsiveness

Professional Development

Minutes of the Virtual Journal of Hydrologic Engineering Editorial Board Meeting

January 15, 2021, 1:00 to 3:00 pm EST

Attendees:

Introduction of attendees: (1:00 pm - 1:20 pm)

Items for Discussion:

1. Status of the Journal (# of submissions, # of papers under review, acceptance rate, and others) – *ASCE Staff* (1:20 pm - 1:40 pm)
Tricia provided a summary of statistics that were shared with associate editors. GS asked for a more detailed report that would contain (i) how much time a paper on averages resides in the various stages of the review process, and (ii) a comparison of statistics with other ASCE journals.
Action item: Holly Koppel to share this information with the editorial board once the reports are run and that information is available.
Some journals access the Scopus database and suggest reviewers based on paper title and keywords provided by the authors. This may be an expensive feature but ASCE should look into this. GS suggests this should be discussed at the editor's meeting.
2. Journal awards: (1:40 pm - 1:50 pm) – *Rao S. Govindaraju*
 - a. Updates on the awards process
Last year's awards were all submitted to ASCE through Bob Swain who represents us at the Awards Council.
 - b. Ramifications for a possible change in ASCE rules for Norman Medal nominations
GS shared that ASCE is considering the best paper award from each journal to be an automatic nomination for the Norman Medal. This would require us to change our awards process significantly. Currently, papers co-authored by section editors (SEs) and editor-in-chief (EIC) are not eligible for journal awards and allows for managing conflict of interest. Our current process of selecting the Norman Medal nomination considers all eligible papers to be able to send our strongest paper forward. The Norman Medal requires at least 50% of

Taiwan 1-3am

Everything starts with a good review

- -Be a responsible, good reviewer
- -Write a thorough, credible review
- -Attend the editorial board meeting when possible (as an AE)
- -Provide a justifiable, well-reasoned recommendation as an AE (integrate reviews received)

Peer-review process from Top-Down:

EIC: Desk rejection

- Out of scope
- High similarity
- Author Credibility
- Limited impact, lack of novelty and rigor, low quality of work
- Little chance of success in the full peer-review process
- Failure to secure reviewers
- Writing issues (language, structure, formatting, writing style)
- Ethical concerns

Peer-review process from Top-Down:

AE: Peer-review process

- Author-suggested reviewers (avoid conflict of interest)
- Reviewer selection based on classifications, expertise, cited references
- Interested reviewers from the database

- Recommendations to Editor-in-Chief
 - Acceptance
 - Revision (major, moderate, minor)
 - Rejection (final, invitation to resubmit)
 - Transfer

My Best Advice:

Reputation, Reputation, Reputation

Keep Calm, Publish and Flourish



國際期刊審稿、投稿經驗分享

盧宗成 特聘教授
國立陽明交通大學 運輸與物流管理學系
(2024.11.21)

審稿經驗

- Centralized (集權) vs Decentralized (分工)
 - **Centralized**: Initial screen and assignment by EIC --> AE/GE --> Reviewers
 - **Decentralized**: Assignment by EIC --> Initial screen by AE/GE --> Reviewers
- How to find (qualified) reviewers
 - Search by title/ keywords/ abstract (優先找認識的審查委員)
 - Cited references (找key papers的作者)
 - 正式邀請+私下請託
 - Other sources (database, AI)
- Reviewers
 - **榮譽**: 獲得認可 (qualified scholars in the areas)
 - **義務**: 不能只享受別人的服務 (1:3 原則)、能力所及
 - 審查標準: 創新、正確、完整 (不同期刊，標準不同)

投稿經驗分享

(如何產出重要學術貢獻的研究?)

- (1) 具有影響力(Impacts)
- (2) 發表在傳統優良國際期刊

土木學門國際期刊排序(運輸領域) 2023

排序	期刊
1	Transportation Research Part B: Methodological
2	Transportation Research Part E: Logistics and Transportation Review
3	Transportation Research Part A: Policy and Practice
4	Transportation Research Part C: Emerging Technologies
5	Transportation Science
6	IEEE Transactions on Intelligent Transportation Systems
7	Accident Analysis and Prevention
8	Transport Reviews
9	Transportation Research Part D: Transport and Environment
10	Journal of Transport Geography

管理二學門國際期刊排序(運輸領域) 2021

排序	期刊
1	Transportation Research Part B: Methodological
2	Transportation Research Part C: Emerging Technologies
3	Transportation Science
4	Transportation Research Part A: Policy and Practice
5	Transportation Research Part E: Logistics and Transportation Review
6	Accident Analysis and Prevention
7	Transportation Research Part D: Transport and Environment
8	Transport Reviews
9	IEEE Transactions on Intelligent Transportation Systems
10	Transportation

如何產出有影響力的研究？

- 量化指標:
 - 引用次數 (# of citations): 排除自我引用次數、被優良期刊引用的次數
 - H-index, i-10 index...
 - Top 2% scholars in the world
- 貢獻: Fundamental vs Incremental contributions
 - Top journals focus on fundamental contributions
 - Target journals (the interests of editors, reviewers, and readers)
 - 在Cover letter 中強調，說服編輯與審委 (越來越多期刊特別要求說明)
 - Innovative and interesting ideas
 - Difficult and important questions
 - Leader vs Followers

如何產出有影響力的研究？

- 研究主題/方向設定
 - 新興/前瞻課題 (曇花一現 or 歷久彌新)
 - Connected, Autonomous, Shared, Electric (CASE); ESG, SDGs, and Humanitarian...
 - 照見五蘊皆空 (透過不斷的反思與覺察，掌握問題的本質)
 - 見山是山(表面)，見山不是山(內部)，見山還是山(本質)
- 研究方法 (multi-method approach 軍備競賽!)
 - Analytical or empirical => analytical + empirical
 - Quantitative and qualitative
 - 法無定法 (一切有為法、如夢幻泡影、如露亦如電、應作如是觀)
 - 保持開放的心態，靈活運用各種方法解決複雜的問題
 - 方法論應該服務於研究目的，不是限制思維

如何產出有影響力的研究？

- 人脈經營與學術聲望累積
 - (國際、國內)合作研究、共同發表
 - 團結力量大
 - 不同的角度看問題
 - 研究方法交流
 - 樂於分享與交流
 - 不藏私、布施有福報
 - 出席國內/國際研討會
 - 學術交流社群平台: FB, Researchgate, Academia.edu
 - 增加影響力、引用次數

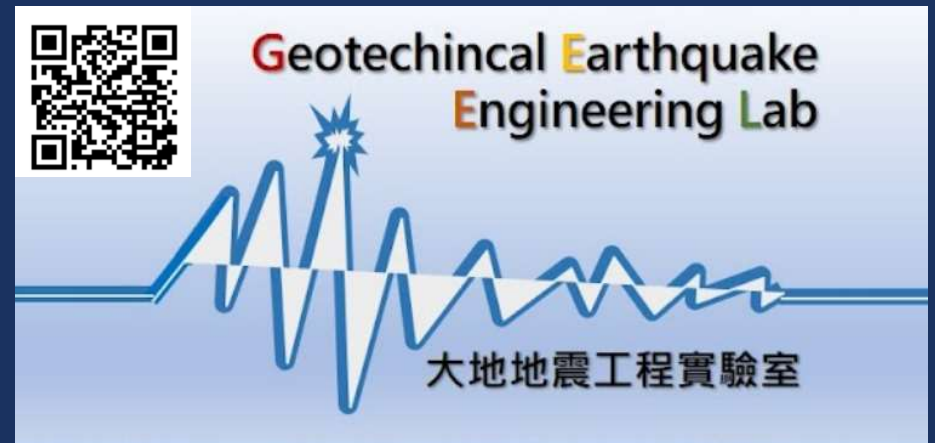
與大家共勉之

- 作好心理建設
 - 認命就會認真
 - 有恆為成功之本
 - 挫折忍受程度 (打不死的小強、Reject為Accept之母)
 - 山窮水盡、柳暗花明
- 工作與生活的平衡
 - “三更燈火，五更雞”非長久之計
 - 健康才是本錢
- 人若精彩，天有安排!

2024土木水利工程國際研究成果發表經驗分享

中興大學土木系
蔡祁欽 特聘教授

10/21/2024



國立中興大學
NATIONAL
CHUNG HSING UNIVERSITY

ABOUT ME

□ Research Interest

- Geotechnical earthquake engineering, site effect/seismic site response, soil dynamic, Liquefaction, seismic slope stability

□ Education

- Ph. D., Civil and Environmental Engineering, University of Illinois at Urbana-Champaign (2007)

□ Professional Appointments

- AssistantDistinguished Professor, National Chung Hsing University, Taiwan (2012~)
- Project Engineer, URS Corporation, USA (2007~2012)

□ Honors and Awards

- Humboldt Research Fellowship for Experienced Researchers, Germany
- Ralph B. Peck Award, University of Illinois at Urbana-Champaign, USA

ABOUT ME

- Assistant Editor (Editorial Manager) of **Journal of Earthquake Engineering** since 2014



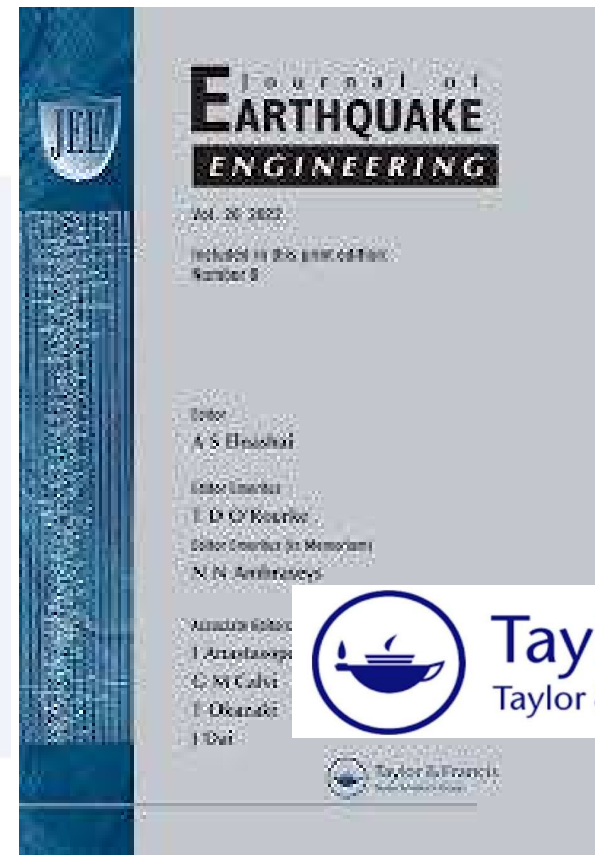
Citation metrics

- **2.5 (2023)** Impact Factor
- **Q2** Impact Factor Best Quartile
- **2.9 (2023)** 5 year IF
- **5.8 (2023)** CiteScore (Scopus)
- **Q1** CiteScore Best Quartile
- **1.388 (2023)** SNIP
- **0.781 (2023)** SJR

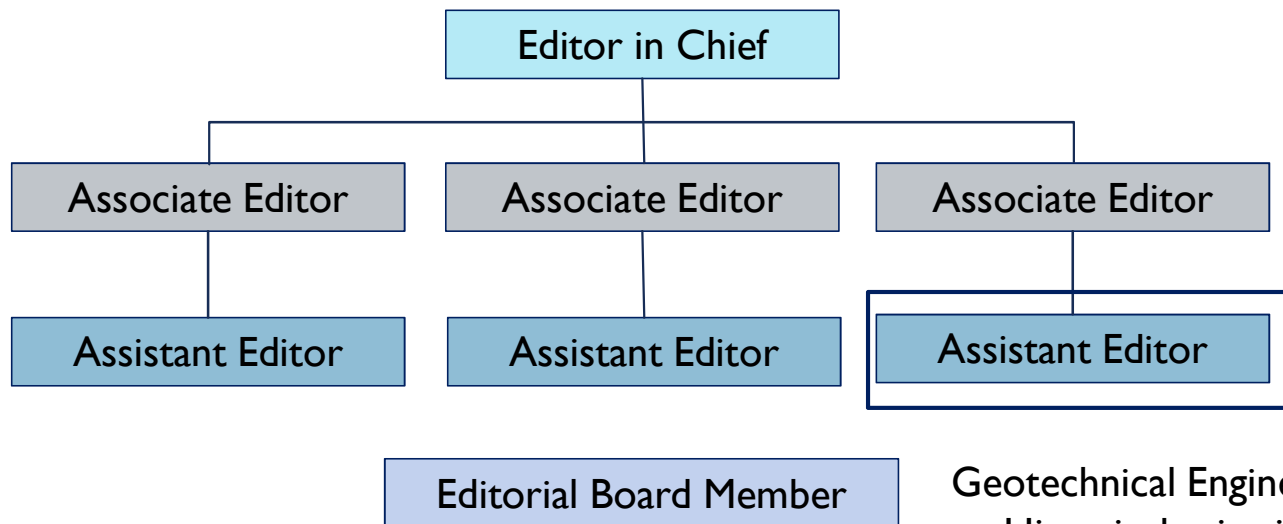


Speed/acceptance

- **99** days avg. from submission to first decision
- **134** days avg. from submission to first post-review decision
- **13** days avg. from acceptance to online publication
- **31%** acceptance rate



JOURNAL OF EARTHQUAKE ENGINEERING



Initial check and assign handing editor (1.0 month)

**Invite reviewer, remind reviewer,
evaluate review comment, and
make decision** (1.5 month)
(0.5 month)

Geotechnical Engineering and Engineering Seismology

- Historical seismicity
- Tectonics and seismology
- Strong-motion studies (ground motion prediction, synthetic motion)
- Soil dynamics and foundations
- Site effects and geotechnical aspects
- Dynamic soil-structure interaction
- Foundation design for earthquake loading

JOURNAL OF EARTHQUAKE ENGINEERING

Dashboard

You can access manuscripts in each peer review status by clicking on the status queue title. The number next to each status queue title indicates the number of manuscripts in that status. You may search for specific manuscripts with the Quick Manuscript Search form or conduct an "Advanced Search" by clicking the link below (the advanced search form will display at the bottom of the screen). For tips on conducting searches, click the following link:

[Read More ...](#)

Associate Editor Lists

You may click on the manuscript list title to view a full listing of manuscripts in each status, or click on the number next to the list to jump directly to the first manuscript in the list.

- 0 Select Referees
- 0 Invite Referees
- 1 [Assign Referees](#)
- 7 [Awaiting Referee Scores](#)
- 4 [Overdue Referee Scores](#)
- 0 Make Decision

iThenticate configuration Tools



iThenticate configuration

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+ Manuscript Status and Summary Reports

Quick Search - [Show Advanced Search](#)

You may conduct a wildcard search by adding an asterisk (*) to the end of the search string. For example, to view a list of all of the manuscripts whose titles begin with the words "neuroscience" or "neurology" simply type "neuro*" in the Title field and click "Search."

Saved Search: Edit

Manuscript ID:

External Manuscript ID:

Title:

Author's First (Given) or Last (Family) name:

* Keywords:

Search

SELECTION OF REFEREES

- Suggested reviewers by
 - System
 - Authors
- Search through the database
- Selected by
 - Expertise
 - Reference list

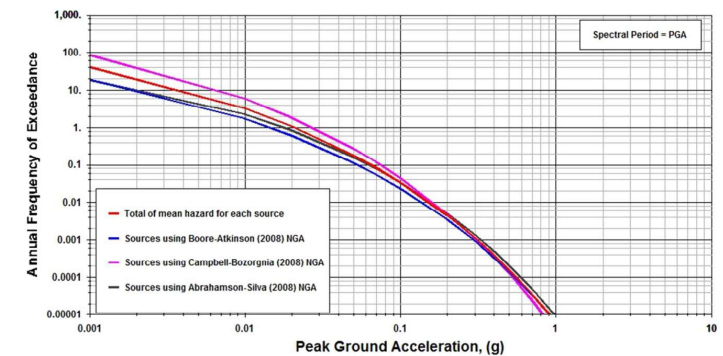
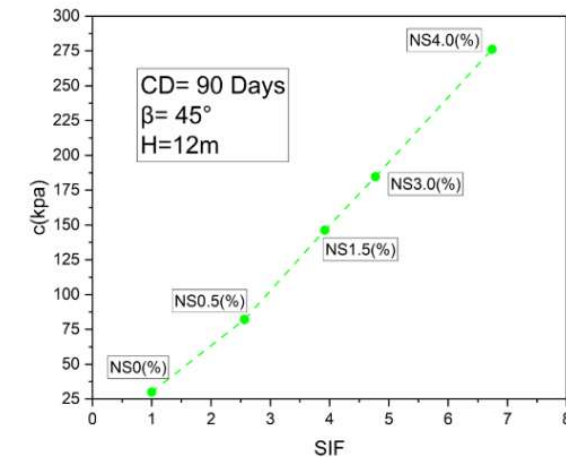
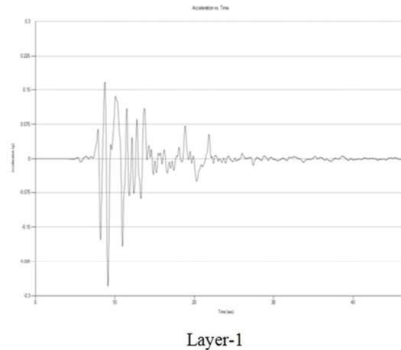
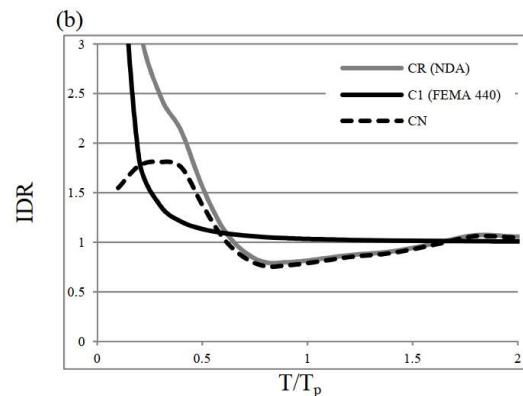
Web of Science™ Reviewer Locator		Search 5 Years of Publications		
View full interactive search on reviewerlocator.webofscience.com				
Potential Referee Details	Current / Past 12 Months	Days Since Last Review	Average R-Score	Add
 Name Affiliation Verified Reviews in Web of Science: 11 Articles in Web of Science: 28 Most Relevant Works: 	0 / 1	307	0	 Add
 Name Affiliation Verified Reviews in Web of Science: 0 Articles in Web of Science: 63 Most Relevant Works: 	3 / 5	372	3.00	 Add

EVALUATE REVIEW COMMENT AND MAKE DECISION

- At least two effective reviews
- Recommendation by reviewer
 - ☐ Accept
 - ☐ Accept with Minor Revision
 - ☐ Accept with Major Revision
 - ☐ Re-review after Major Revisions
 - ☐ Resubmit as Technical Note
 - ☐ Reject - manuscript is unsuitable
 - ☐ Reject – manuscript is unsound
- Make decision

HOW TO AVOID DESK REJECTION

- Desk rejection rate: 40~50% (too many papers these days....)
- Initial check
- Quality of paper
 - Figure
 - Language/writing
- Innovation
 - Title (Attractive)
 - Abstract (Motivation, methodology, finding)



HOW TO INCREASE ACCEPTANCE RATE

- Paper title and abstract
- Choose a right journal to publish your work
 - Each journal has its own focus (e.g. numerical approach, experimental work, soil behavior, model development)
- Cite relevant papers from the submitted journal
- Reviewer
 - Different countries
 - Rational reason
 - Senior one

THANK YOU!



土木水利工程期刊投稿分享

-建築都市-

王仁俊

高師大工教系特聘教授兼研發長
Distinguished Professor / R&D Chief
Department of Industry Technology Education,
National Kaohsiung Normal University

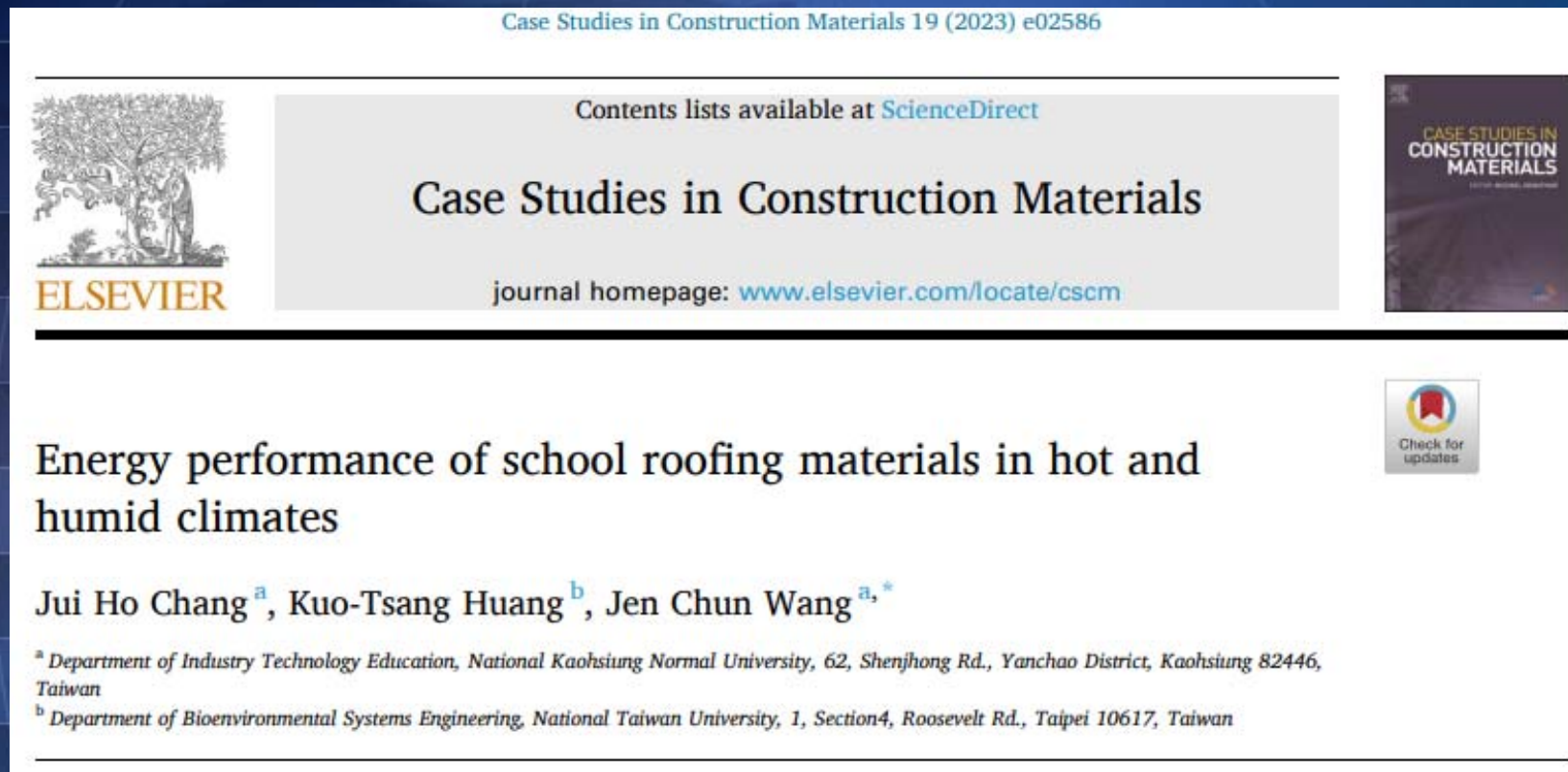


1.主題研擬

- 源於自身原專長(建築能源)
- 與系所發展目標相關(工業科技教育學系)
 - 協助教育部中小學校舍修繕(屋頂隔熱、廁所美學、班班冷氣)
 - 協助教育部於國中小推動科技教育
- 文章內容最好是科技部結案報告轉投稿

期待自身的專長能有所貢獻
盡量看一些頂級期刊的文章

Ex 1



- ❏ 源自2018-2022協助教育部審查屋頂防水隔熱改善約1400餘件
- ❏ 討論屋頂隔熱性能與空調用電之關係

SCIE, IF=6.5, Rank: 12/182, in ENGINEERING, CIVIL

Ex 2

SPRINGER NATURE Link

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[Home](#) > [Education and Information Technologies](#) > [Article](#)

The impact of smartphone use on learning effectiveness: A case study of primary school students

Published: 11 November 2022

Volume 28, pages 6287–6320, (2023) [Cite this article](#)

Download PDF 



[Education and Information Technologies](#)

[Aims and scope](#) →

[Submit manuscript](#) →

- 源自指導暑碩生的碩論-使用手機頻率與學習成效
- 使用頻率高的學生不一定成績差

SSCI, IF=4.8, Rank: 16/760, in EDUCATION & EDUCATIONAL RESEARCH

2. 備稿



- ❏ SCIE-食材新鮮，素材要有點水準，大火快炒，紅的要紅、綠的要綠(強調新鮮)
- ❏ SSCI-食材普通，但講究烹調，先煎再滷，特調醬汁，控制火候，嚴控時程(強調研究法)
- ❏ 但無論SCIE或SSCI，只要排名頂級，都需要充分且完整的論述，像極了說菜

Ex 盡量把無聊的文章說好

Table 1
School building EC globally.

Country or Region	Author or Centre and Year	EUI (kWh/m ² /year)	Research Summary
Bangkok, Thailand	Rewthong et al. (2015)	80–88	Energy audit at Suan Sunandha Rajabhat University Air-conditioned and non-air conditioned area of approximately 89,286 and 38,715 m ² , respectively Increase of approximately 10% each year
Guangzhou, China	Li et al. (2017)	61–82	Energy audit at one university Campus building area of 637,087m ² Seven buildings employ central air conditioning and eight buildings have no air conditioning units Rest of the buildings installed split air-conditioning units
Cyprus	Katafygiotou and Serghides (2014)	63–116	EC survey A total of 24 schools Investigated the association between EUI and floor area and number of users EUI of schools in mountainous, inland, and coastal regions was 107.99, 55.67, and 48.44 kWh/m ² /year, respectively
Slovenia	Butala and Novak (1999)	192	Energy monitoring Total of buildings from 24 schools Heating EUI was 100 kWh/m ² /year Total EUI was 192 kWh/m ² /year

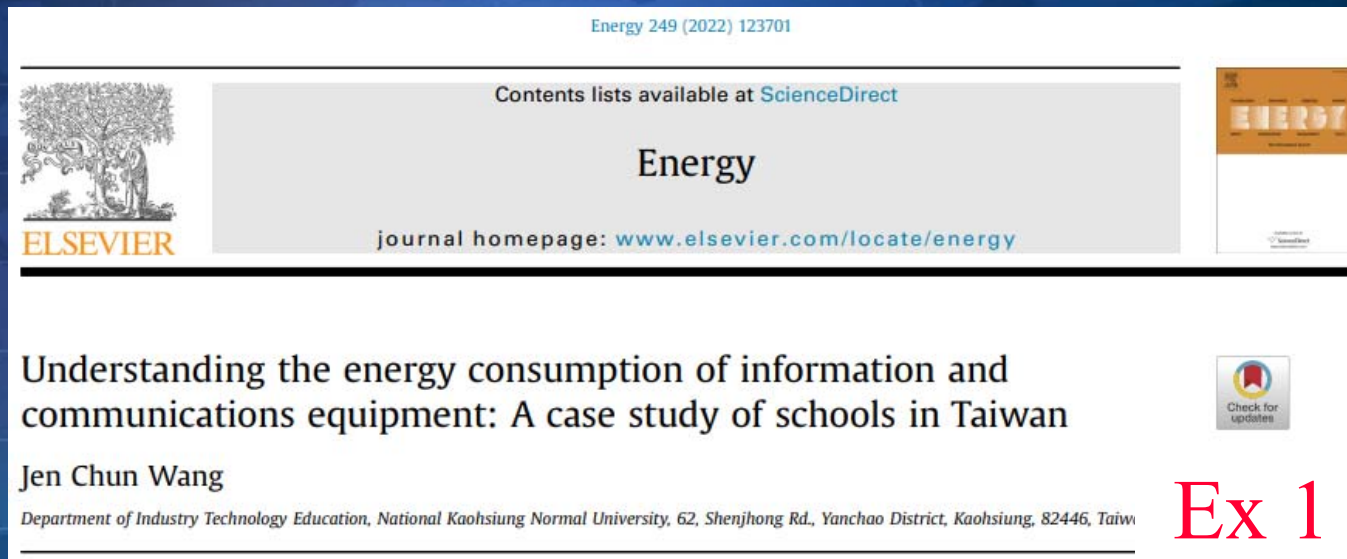
By contrast, relatively warmer regions in Southern Europe are associated with lower EUI values. For example, Greece is regulated by the warm Mediterranean Sea and its EUI measured multiple times at different periods ranged between 80 and 95 kWh/m²/year (Vagi and Dimoudi, 2010). The EUI of Portugal, situated next to the Atlantic Ocean and with a latitude similar to Greece, measured only 67 kWh/m²/year (Lourenço et al., 2014). Cyprus is an island in the Mediterranean and a popular destination for Europeans to spend their winter vacation. The EUI of this island was calculated at only 63–116 kWh/m²/year (Katafygiotou and Serghides, 2014). In Guangdong, China, near the subtropical zone, EUI was measured at only 61–82 kWh/m²/year (Li et al., 2017). In well-ventilated schools in rural parts of Bangkok, EUI was measured at only 80–88 kWh/m²/year (Rewthong et al., 2015).

堅定信念

3.投稿

值得好歸宿

- 2021 Energy and buildings-reject!
- Journal of cleaner production-reject!
- Applied energy-reject!!
- 大修
- Sustainable cities and society-reject!
- Journal of building engineering-reject!
- 大修
- 2022 Energy-revised*2-Accept



- 中小學資通訊設備用電調查
- 無聊的題目！單純想圓自己對中小學用電分配比率的了解

建議避免：
不易引起共鳴或重要性不高的題目

堅定信念

3.投稿

值得好歸宿

- 2020Computers and Education-reject!
- Computers in Human Behavior-reject!
- Teaching and Teacher Education-revised*2-reject!!
- 大修
- Thinking skills and creativity-under review-reject
- 小修
- 2022Computers and Education-revised-reject-resubmit-revised-Accept



Ex 2

- 指導博論，博士生本身是小學教師。設計3D列印課程對2班小學生進行一年課程，討論學習成效

SSCI, IF=12.0, Rank: 1/269, in EDUCATION & EDUCATIONAL RESEARCH

3.投稿

好題目比較容易有好歸宿 ex 3-5

- ❑ 旅館能源相當複雜
- ❑ 三篇退稿記錄極低

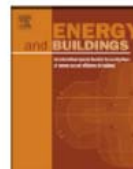
Energy and Buildings 49 (2012) 268–275



Contents lists available at SciVerse ScienceDirect

Energy and Buildings

journal homepage: www.elsevier.com/locate/enbuild



A study on the energy performance of hotel buildings in Taiwan

Ien Chun Wang*

Energy 52 (2013) 173–184



Contents lists available at SciVerse ScienceDirect

Energy

journal homepage: www.elsevier.com/locate/energy



Energy consumption characteristics of hotel's marketing preference for guests from regions perspective

International Journal of Hospitality Management 51 (2015) 56–66



Contents lists available at ScienceDirect

International Journal of Hospitality Management

journal homepage: www.elsevier.com/locate/ijhosman



Analysis and benchmarking of greenhouse gas emissions of luxury hotels

Kuo-Tsang Huang^a, Jen Chun Wang^{b,*}, Yi-Chieh Wang^c



SCI, IF=3.254, Rank: 7/122

SCI, IF=4.465, Rank: 2/55

SSCI, IF=2.854, Rank: 10/44

3.投稿

好題目比較容易有好歸宿 ex 6-8

- ❑ 學校能源也複雜
- ❑ 三篇共被退2次

SCI, IF=4.599, Rank: 3/125

SCI, IF=7.246, Rank: 19/265

SCI, IF=7.246, Rank: 19/265



A study on the energy performance of school buildings in Taiwan
Jen Chun Wang

Journal of Cleaner Production 227 (2019) 1107–1116



Energy consumption in elementary and high schools in Taiwan
Jen Chun Wang

Journal of Cleaner Production 241 (2019) 118363



Analysis of energy use intensity and greenhouse gas emissions for universities in Taiwan

Jen Chun Wang

Department of Industry Technology Education, National Kaohsiung Normal University, No.62 Shenihong Rd., Yanchao District, Kaohsiung, 82446, Taiwan

4. 審稿

- ❑ 審稿是學習與自我精進的機會
- ❑ 建議只接受優良期刊的review invitation
- ❑ 建議應拒絕爭議性期刊的邀稿，縱然是邀請擔任Guest editor，仍建議拒絕
- ❑ 建議盡快壓縮審查時間
- ❑ 個人審稿重點分享
 - ❑ 題目是否合於期刊發展方向
 - ❑ Abstract 及 Highlights是否吸引人？
 - ❑ Introduction 是否足夠國際觀
 - ❑ 引用的文獻來源品質
 - ❑ 研究法及研究成果呈現是否正確
 - ❑ 能否吸引讀者？



5. 修訂

- 建議在確認內容的前提下，越快完成越好
 - 越快，一般能展現作者的積極程度
 - 個人在此階段會將此事安排在最優先處理順位
- 勿陷入爭論
 - 盡量配合修改。同時需明確在responses裡面明確指出改在manuscript的哪裡
 - SCIE的投稿經驗，未在revised階段而被退稿。但SSCI卻已發生過兩次
- 建議若遇委員很不客氣的陳述，建議應調整心情後再回覆

6.校稿及刊登

- 期刊目前多有自動的navigator，只要依循系統指示，逐步完成即可
 - 建議特別再注意作者資訊是否正確，包含姓名拼音、服務機構、信箱
 - 建議確認每個圖表出現位置與本文陳述的位置
 - 建議確認每篇文獻引用
- 除非情況特殊，個人會將此作業列為最快速應完成的優先事項

懷著美美心情，獎勵自己一頓好料，等待出刊



1. **Jen Chun Wang**, Chia-Yen Hsieh*. Factors Influencing Information Literacy Integration in Teaching among Elementary School Teachers in Taiwan after COVID-19: Hierarchical Linear Modeling Analysis. *Education and Information Technologies*, Accept, In press, 2024. (SSCI, IF=4.8, Rank: 16/760, 2% in JCR)
2. Jui Ho Chang, Kuo-Tsang Huang, **Jen Chun Wang***. Energy performance of school roofing materials in hot and humid climates. *Case Studies in Construction Materials*, 19, e02586, 2023. (SCIE, IF=6.5, Rank: 12/182, 7% in JCR) <https://doi.org/10.1016/j.cscm.2023.e02586> (MOST 110-2221-E-017-002-MY3) (Corresponding)
3. **Jen Chun Wang**, Tsun Hsuan Wang*. Learning effectiveness of energy education in junior high schools: Implementation of action research and the predict–observe–explain model to STEM course, *Heliyon*, 9(3), e14058, 2023. (SCIE, IF=3.4, Rank: 28/134, Q1 in JCR) <https://doi.org/10.1016/j.heliyon.2023.e14058> (MOST 110-2221-E-017-002-MY3)
4. **Jen Chun Wang**, Chia-Yen Hsieh* & Shih-Hao Kung. The impact of smartphone use on learning effectiveness: A case study of primary school students. *Education and Information Technologies*, 28, 6287-6320, 2023. (SSCI, IF=4.8, Rank: 16/760, 2% in JCR) <https://doi.org/10.1007/s10639-022-11430-9> (MOST 109-2511-H-017-005)
5. Chiung-Yi Huang, **Jen Chun Wang***. Effectiveness of a three-dimensional-printing curriculum: Developing and evaluating an elementary school design-oriented model course. *Computers & Education*, 187, 104553, 2022. (SSCI, IF=12.0, Rank: 1/269, 1% in JCR) <https://doi.org/10.1016/j.compedu.2022.104553> (MOST 109-2511-H-017-005)
6. **Jen Chun Wang***. Understanding the energy consumption of information and communications equipment: A case study of schools in Taiwan. *Energy*, 249, 123701, 2022. (SCI, IF=9.0, Rank: 3/62, 5% in JCR) <https://doi.org/10.1016/j.energy.2022.123701> (MOST 108-2221-E-017-001-MY2)
7. Her-Yung Wang, Wei-Chien Wang, **Jen Chun Wang***, Yu-Wen Chen. Evaluation of the engineering properties and durability of mortar produced using ground granulated blast-furnace slag and stainless steel reduced slag. *Construction and Building Materials*, 280, 122498, 2021. (SCI, IF=7.693, Rank: 5/138, 4% in JCR) <https://doi.org/10.1016/j.conbuildmat.2021.122498>
8. **Jen Chun Wang***. Analysis of energy use intensity and greenhouse gas emissions for universities in Taiwan. *Journal of Cleaner Production*, 241, 1-15, 2019. (SCI, IF=7.246, Rank: 19/265, 7% in JCR) <https://doi.org/10.1016/j.jclepro.2019.118363> (MOST 106-2221-E-017-004-MY2)
9. **Jen Chun Wang***. Energy consumption in elementary and high schools in Taiwan. *Journal of Cleaner Production*, 227, 1107-1116, 2019. (SCI, IF=7.246, Rank: 19/265, 7% in JCR) <https://doi.org/10.1016/j.jclepro.2019.04.254> (MOST 106-2221-E-017-004-MY2)
10. **Chih-Wei Chen**, **Jen-Hsing Wang**, **Jen Chun Wang***, **Zih-Hao Shen**. Developing indicators for sustainable campuses in Taiwan using fuzzy Delphi method and analytic hierarchy process. *Journal of Cleaner Production*, 193, 661-671, 2018. (SCI, IF=6.395, Rank: 18/251, 7% in JCR) <https://doi.org/10.1016/j.jclepro.2018.05.082> (MOST 105-2221-E-017-003)
11. **Jen Chun Wang**, Yi-Chieh Wang*, Li Ko, Jen Shin Wang. Greenhouse gas emissions of amusement parks in Taiwan. *Renewable and Sustainable Energy Reviews*, 74, 581-589, 2017. (SCI, IF=10.093, Rank: 1/33, 3% in JCR) <http://dx.doi.org/10.1016/j.rser.2017.02.070> (MOST 103-2221-E-017-016)
12. **Jen Chun Wang***. A study on the energy performance of school buildings in Taiwan. *Energy and Buildings*, 113, 810-822, 2016. (SCI, IF=4.599, Rank: 3/125, 2% in JCR) <http://dx.doi.org/10.1016/j.enbuild.2016.10.036> (MOST 104-2221-E-017-015)
13. **Jen Chun Wang**, Yi-Chieh Wang*, and Yang-Fei Tai. A Systematic Review of the Elements and Service Standards of Delightful Service. *International Journal of Contemporary Hospitality Management*. 28 (7), 1310-1337, 2016. (SSCI, IF=2.544, Rank: 9/44, Q1 in JCR) <http://dx.doi.org/10.1108/IJCHM-08-2014-0400>

升等教授之後(2016)迄今，著作僅13篇，皆為單一、第一或通訊
13篇均為Q1，其中11篇為前10%



分享結束
恭請指教

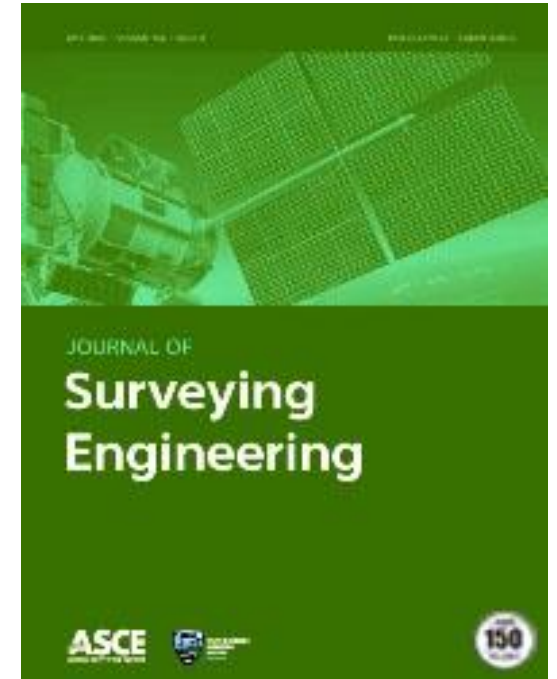
記得燒香拜拜



ASCE: Journal of Surveying Engineering

Prof. Jen-Yu Han, Associate Editor since 2014

11/2024



Content

- ASCE introduction
- Why publishing with ASCE
- How to publish in ASCE

ASCE

- the American Society of Civil Engineers 美國土木工程師學會
- ASCE成立於1852年，已有170多年的悠久歷史，是歷史最久的國家專業工程師學會。ASCE每年出版36種期刊，發表4000+篇學術論文和案例研究等。



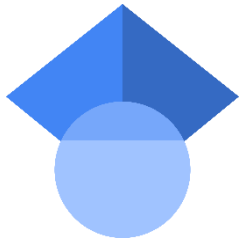
ASCE Journals

- 收錄主題涵蓋土木工程、水利工程、環境工程、能源工程、運輸工程、都市計畫、航空工程、建築工程等。
- *International Journal of Geomechanics*
- *Journal of Aerospace Engineering*
- *Journal of Bridge Engineering*
- *Journal of Composites for Construction*
- *Journal of Energy Engineering*
- *Journal of Environmental Engineering*
- *Journal of Hydraulic Engineering*
- *Journal of Infrastructure Systems*
- *Journal of Management in Engineering*
- *Journal of Structural Engineering*
- *Journal of Surveying Engineering*
- *Journal of Urban Planning and Development*



ASCE Library

- ASCE Library (ascelibrary.org) 收錄ASCE出版的所有期刊。
- ASCE 期刊內容具有非常高的可發現性和可索引性，檢索平台包括[Google Scholar](https://scholar.google.com)、Elsevier ([Scopus](https://scopus.com)和[Engineering Village](https://www.engineeringvillage.com))、[Clarivate Analytics](https://clarivate.com) (Institute for Scientific Information, [Web of Science](https://www.webofscience.com), Emerging Sources Citation Index, Science Citation Index)、[ProQuest](https://www.proquest.com)和[EBSCO](https://www.ebsco.com)。



Google Scholar

Clarivate
Web of Science™



ELSEVIER

Engineering Village™

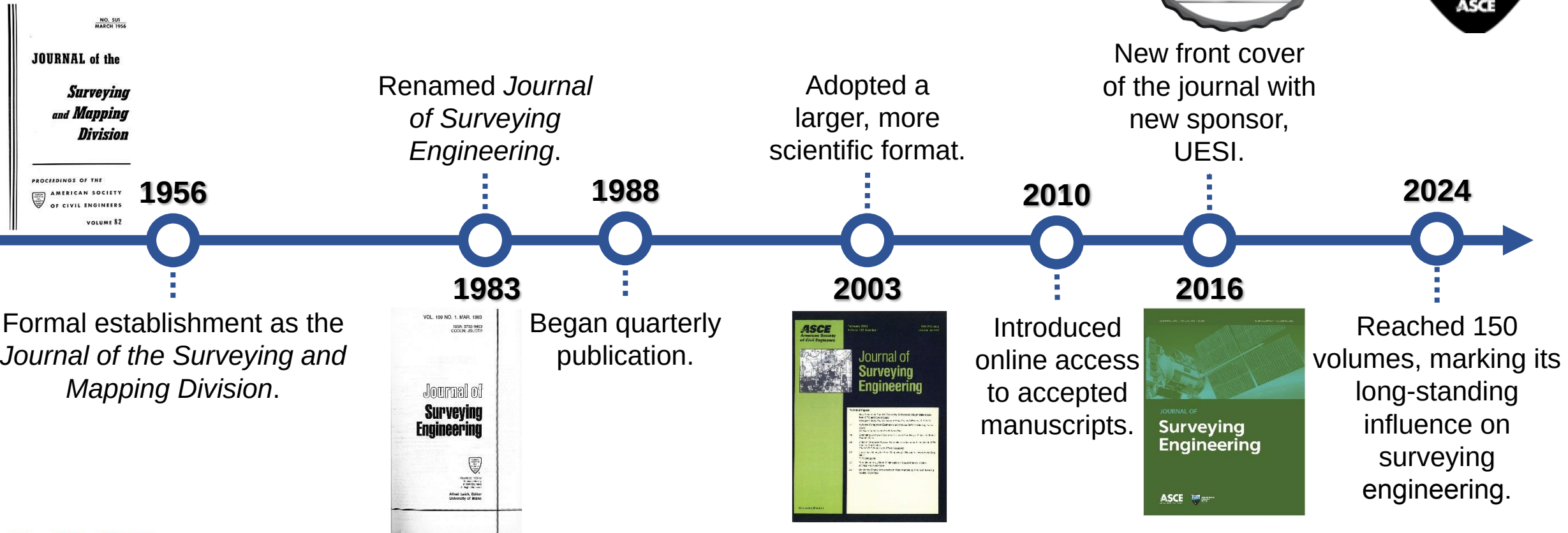
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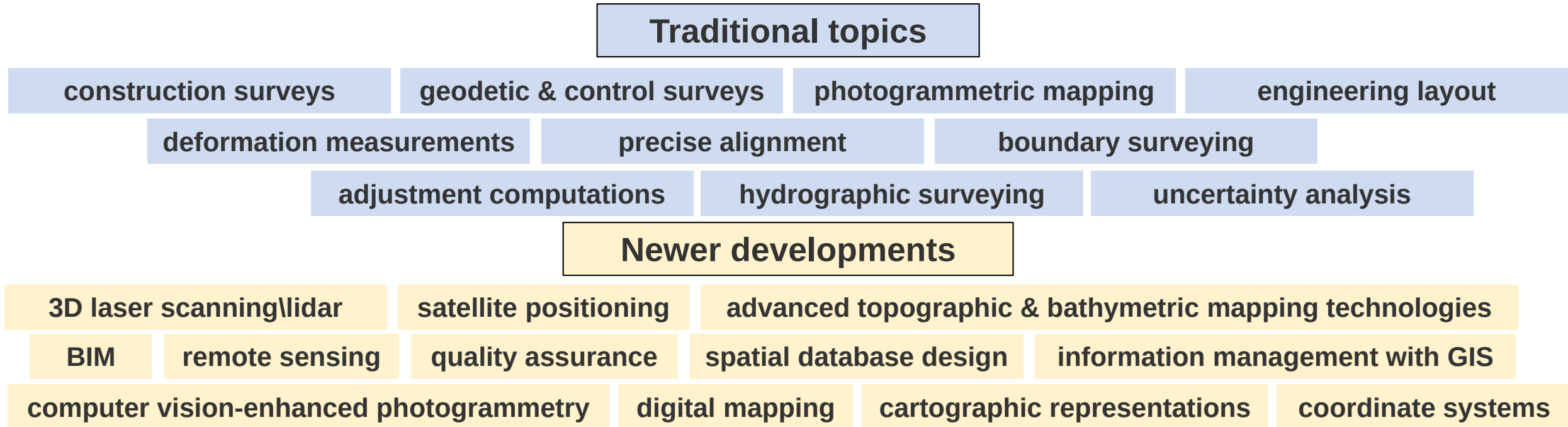
Journal of Surveying Engineering

- Journal of Surveying Engineering是ASCE 的 15 本旗艦期刊 (flagship journals) 之一，是土木工程領域最早也是最受尊敬的期刊，持續受到高度評價。ASCE旗艦期刊於今年達到第 150 卷的里程碑。



Journal of Surveying Engineering: Aims & Scope

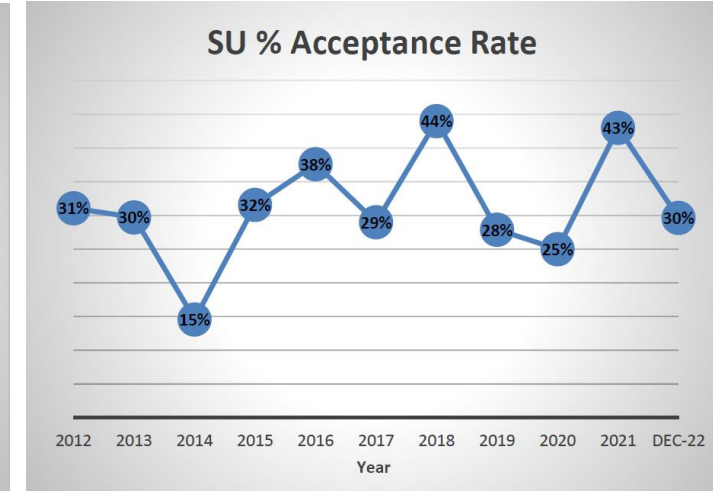
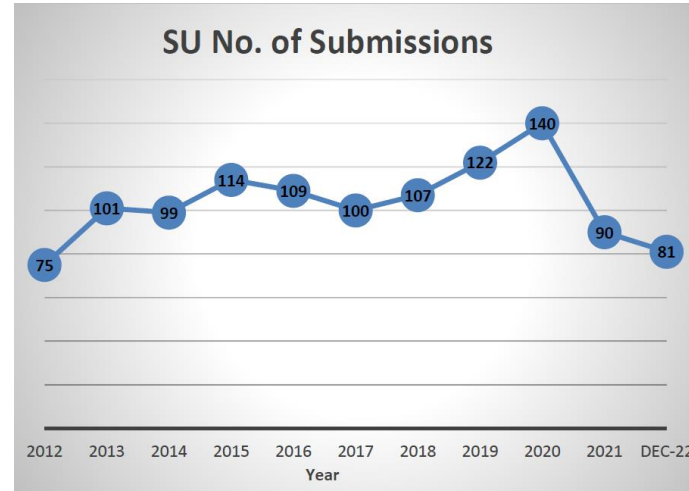
- <https://ascelibrary.org/journal/jsued2>



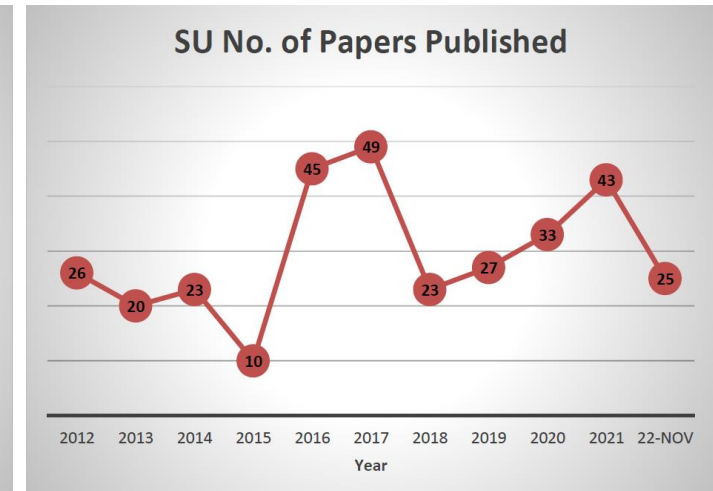
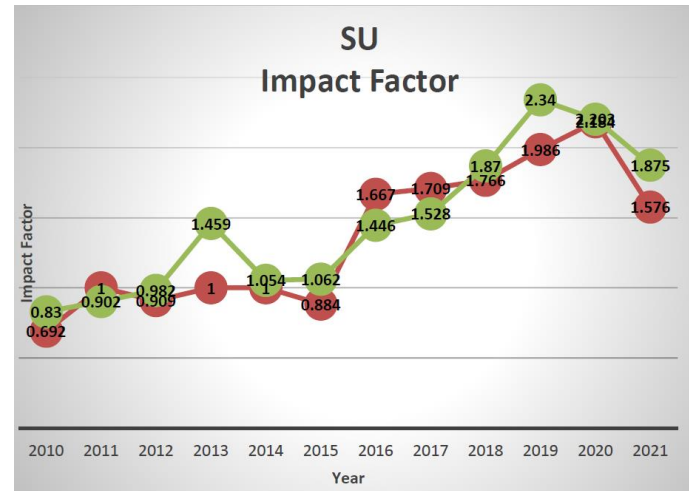
- Given the broad reach of these various aspects of geomatics, all submitted manuscripts considered for publication must **show a clear advance within and relevance to the field of surveying engineering**.
- We encourage authors to categorize their research using at least one of the **Sustainable Development Goals** identified by the United Nations.

Journal of Surveying Engineering: Metrics

- Submission to first decision: **76 days**
- Submission to final decision : **226.5 days**
- Acceptance rate (2020-2022): **32.6%**



- Impact Factor (2023-2024): **1.94**
- Impact Factor (2017-2021 / 5yr): **1.875**
- Cite Score: **3.4**



Journal of Surveying Engineering: Required Time

	TIME:	ASCE	Chief Editor	Editor	Reviewer	Reviewer	AE	Chief Editor	to First Decision
YEAR	Number of Submissions	Submission to Chief Editor Assignment	Assignment to Subordinate Editor Assignment	Submission to Reviewer Invitation	Reviewer Response to Invitation	Reviewers Complete After Agreeing to Review	Editor Decision after Required Reviews Complete	Chief Decision after Subordinate Editor Decisions	Avg Time to First Decision (based on decisions made in period)
2021	90	2.2	1.1	12.7	2.4	23	10.1	1	49.9
2022	81	0.7	2.6	22.7	2.7	24	11.2	1.2	59.6
Goal		1	5	11	5	30	5	5	75

First Decision	Quick Rejects	Quick Rejects	Full Review	Full Review
	% of Decisions	Average Days	% of Decisions	Average Days
2021	40%	6.3	60%	78.6
2022	40%	5.5	60%	95.2

Author Revision	Days for Rev 1	Days for Rev 2
2021	35.8	17.3
2022	33.8	20.1
Goal	45	14

Guidelines for Publication

Criteria for Acceptable Manuscripts

- Be of **value and interest** to civil engineers.
- Be an **original** review of past practice, present information, or probe new fields of civil engineering activity.
- Contribute to the planning, analysis, design, construction, management, or maintenance of civil engineering works.
- Contribute to the **advancement of the profession**.
- Include a Practical Applications section whenever possible; theoretical manuscripts should indicate areas of additional research to **implement technology transfer**.
- Be free of evident commercialism or private interest.
- Be free of personalities, either complimentary or derogatory.
- Not be readily available elsewhere.
- Be clear and transparent on authorship.

Types of Journal Content

Type	Description	Length
Technical Papers	Full-length manuscripts of original reviews, current interest, or new fields of civil engineering. Must include practical applications or suggest additional research for theoretical papers.	Max 30 double-spaced pages , including references, figures, tables, and captions.
Technical Notes	Present original, practical information, preliminary research results, or concise research outcomes and innovative techniques.	Max 7 double-spaced pages , including references, figures, tables, and captions.
Case Studies	Describes a method/application illustrating new or existing principles. Results should have broad implications, judged with the same rigor as technical papers and notes.	Max 30 double-spaced pages , including references, figures, tables, and captions.
State-of-the-Art Reviews	Full-length papers providing an in-depth survey of a specific issue, including a comprehensive literature review and historical perspective.	Max 45 double-spaced pages , including references, figures, tables, and captions. Proposal required for approval before submission.
Companion Papers	Discouraged unless justification is provided; must be able to stand on their own.	No specified length.
Data Papers	Peer-reviewed article describing data, methods, and instrumentation with a link to the full dataset.	
Discussions	Significant comments/questions on published Technical Papers, Notes, or Case Studies.	Max 4 double-spaced pages, including references, figures, tables, and captions.
Closures	Author response to Discussions, addressing issues and clarifying points.	
Book Reviews	Assesses new books, summarizing strengths and weaknesses and providing context with existing literature.	Max 3 double-spaced pages .

Types of Journal Content

Type	Description	Length
Editorials	Brief opinion pieces on journal scope, content, or policy issues, occasionally invited and peer-reviewed.	Max 4 double-spaced pages.
Forums	Thought-provoking essays or opinion pieces aimed to stimulate discussion, not document research advances.	Max 8 double-spaced pages, including references, figures, tables, and captions. No abstract allowed.
Corrections (Errata, etc.)	Errata, Redundant Publications, Expressions of Concern, and Retractions.	No specified length.
Technical Breakthrough Abstract	Concise, practical information on important breakthroughs relevant to geotechnical engineering.	Max 1 journal page (approx. 800 words).
Scholarly Papers	Original research papers discussing the impact of subject matter on engineering and construction projects.	4,250 to 9,750 words.
Legal Notes	Emphasize specific practice and application of laws in engineering and construction.	2,250 to 9,000 words.
Features	Describes current public interest subjects, highlighting key developments.	3,500 to 8,500 words.
Letters to the Editor	Technical letters ranging from short pieces to extended discussions on engineering issues.	400 to 4,000 words.
Synopses of Court Verdicts	Write-ups of recent court verdicts explaining impacts on contract administration.	1,500 to 3,500 words.
Conference Reviews	Descriptions of law and dispute resolution conferences, seminars, or symposiums.	750 to 3,000 words.

General Flow of the Paper

- Title page (includes title, author byline, affiliation(s), and abstract)
- Practical Applications (optional)
- Introduction
- Main text sections
- Conclusion
- Appendix(es)
- Data Availability Statement
- Acknowledgments (to declare funding for the research)
- Disclaimer
- Notation
- Supplemental Materials
- References

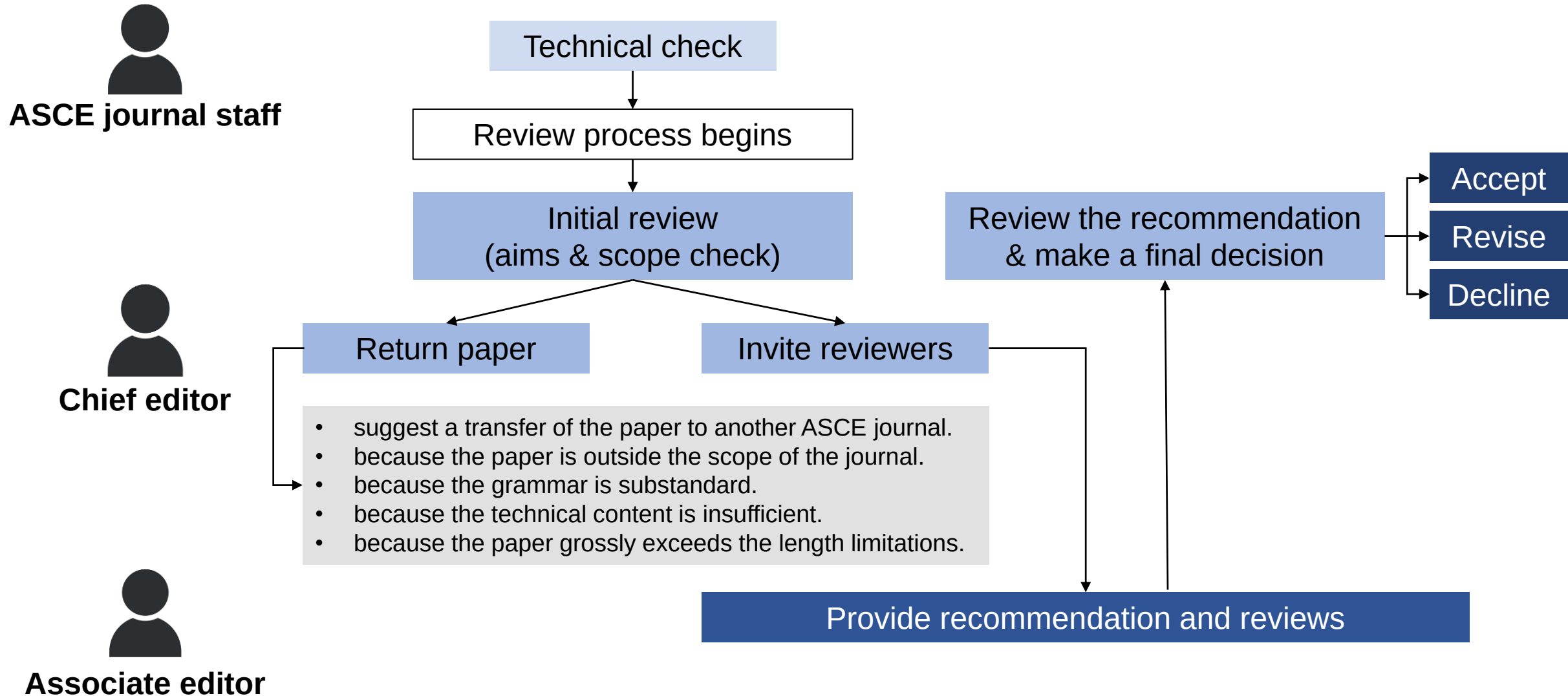
- The manuscript title, author byline, and abstract are on the first page of your manuscript text.
- Authors should make sure the byline listed on the manuscript matches what they have entered in Editorial Manager.
- All authors have separate affiliation statements.
- The corresponding author should be noted. An email address is required for the corresponding author and encouraged for all authors.

Note: Sections should **not** be numbered and should use word headings only.

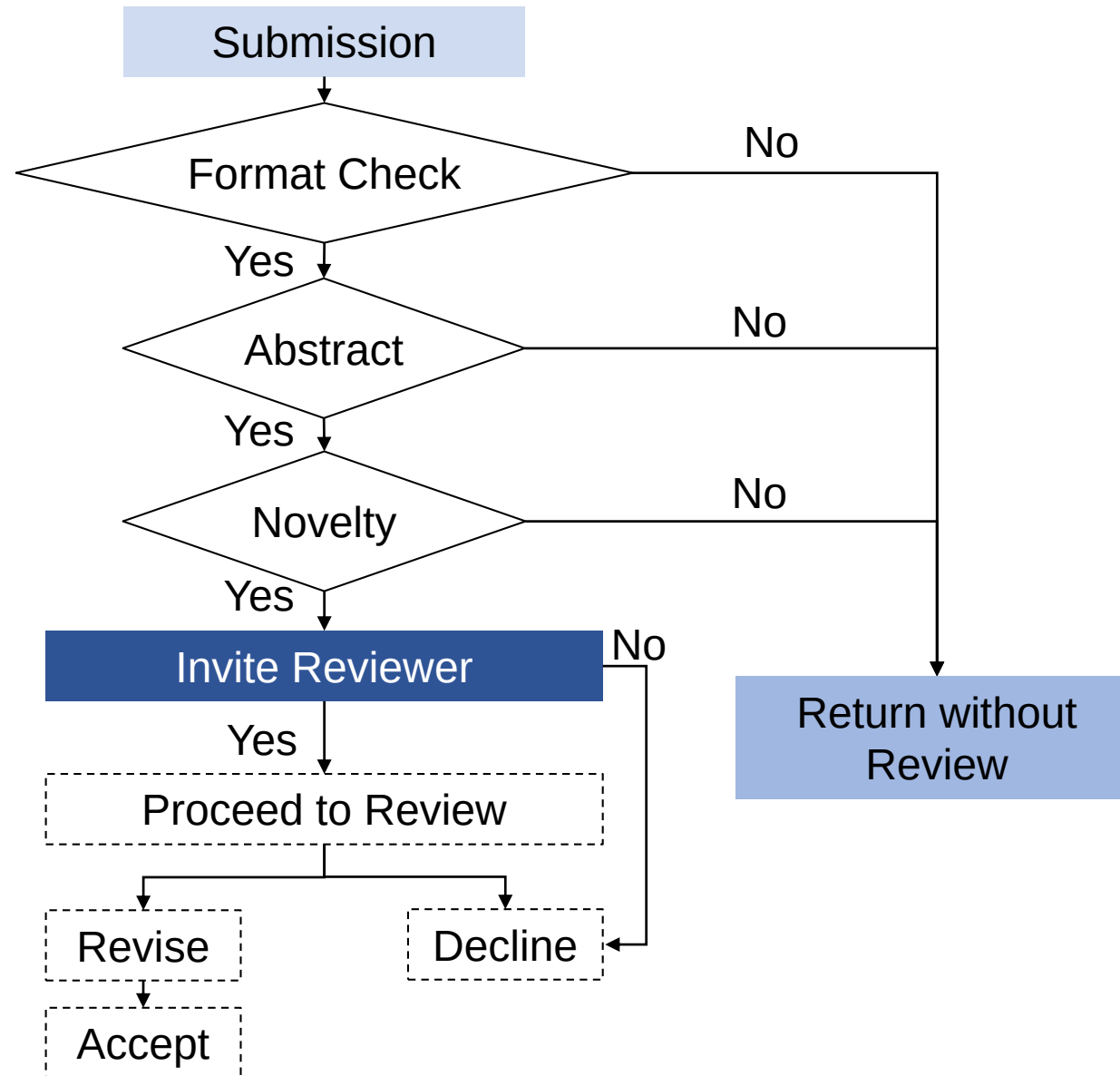
Data Sharing

- Sharing data is meant to aid users in replicating results. Replicating results typically requires code.
- ASCE encourages all authors to make the data, code, computational models, and other materials that were collected, used, and/or derived in the preparation of a submitted paper publicly available. Data and code should be easy to discover online, cited, and specified in a **Data Availability Statement**. Available data and code must be cited in the **References** section.
- **Data** associated with a paper may appear in the following places:
 - Within the text of the paper
 - As Supplemental Materials to a paper, which will be posted in the ASCE Library
 - In a data repository
- The following services are available to house data and the related **code**:
 - Code Ocean (codeocean.com)
 - GitHub (github.com)

Peer Review Process



Initial Review Process



Manuscript Submission (for initial review)

- The manuscript is in a **double-spaced, single-column** format with **continuous line numbering**.
- All figures and tables are included.
- Initial submissions may be in **Microsoft Word, LaTeX, or PDF**.

Submission Questions	
	Have you answered all the submission questions with a Yes/No response?
	Have you answered the question asking if your paper fits within the scope of the journal?
Files submitted	
	Manuscript in .doc/.docx, .tex, or PDF
Manuscript text	
	Manuscript text has continuous line numbering
	Manuscript title on the first page of your text
	Author byline on the first page of the text
	Does this byline match what was entered into the Editorial Manager site?
	Author affiliation statements for each author
	Abstract on the first page (only for technical papers, notes, case studies, and State of the Art Reviews)
	Text is in a double-spaced, single-column format
Figures	
	All figures are uploaded with the submission
	Figure Caption List is included
Tables	
	All tables are included in the submission

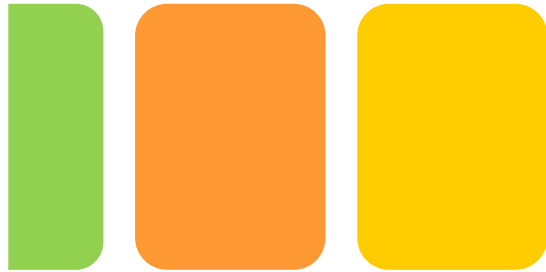
Manuscript Submission (for revised manuscript)

- All aforementioned requirements listed for new submissions apply to revised manuscripts.
- Manuscript file is in Microsoft Word or LaTeX format.
 - When using LaTeX, ASCE can accept PDF files upon revision. Please see LaTeX at Revision instructions.
- Figures are uploaded as separate files and in BMP, EPS, PDF, PS, or TIF/TIFF formats.
- Tables are in Microsoft Word or LaTeX.
- All permissions are uploaded with the manuscript files.





土木水利工程國際期刊投稿經驗分享



Automation in Construction

投稿、審查及期刊編輯經驗分享

余文德 教授

營建管理博士、土木技師
IPMA (B), PMP

朝陽科大 營建系
wenderyu@cyut.edu.tw



個人簡介

- Associate Editor, International Journal of Applied Science and Engineering (Scopus)
- Associate Editor, Automation in Construction (SCIE)
- Managing Editor, Automation in Construction (SCIE) 2024/09~

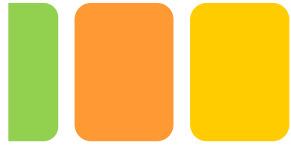


Outline

- 一、AutoCON期刊簡介
- 二、直接拒稿 (Desk-reject) 原因
- 三、技術論文撰寫建議
 - 題目之訂定
 - 摘要撰寫技巧
 - 文章內容審查重點
- 四、案例分析
 - 成功稿件案例
 - 失敗稿件案例
- 五、結語



一、營建自動化
(Automation in Construction,
AutoCON)
期刊簡介



Automation in Construction (**AutoCON**)

- **AutoCON** scopes:
 - ICT applications in Design, Engineering, Construction Technologies, and Maintenance and Management of Constructed Facilities.
 - Encompassing **all stages of the construction life cycle** from initial planning and design, through construction of the facility, its operation and maintenance, to the eventual dismantling and recycling of buildings and engineering structures.

7 days	59 days	169 days
Time to first decision	Review time	Submission to acceptance



Automation in Construction (**AutoCON**)

H-INDEX

176

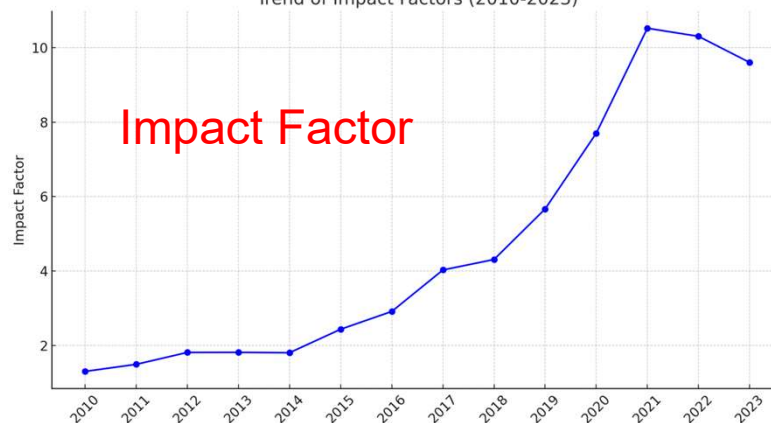
19.2

CiteScore

9.6

Impact Factor

Trend of Impact Factors (2010-2023)



Automation in Construction

Q1

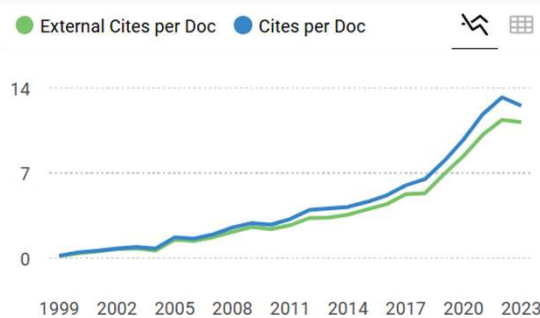
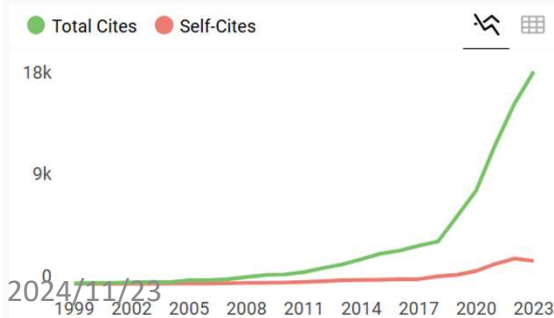
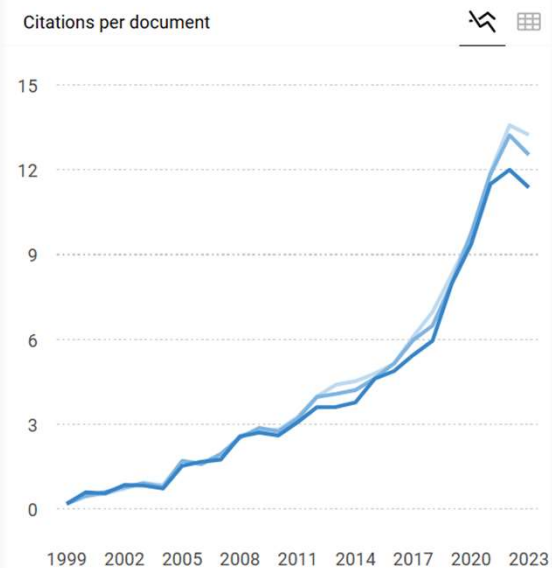
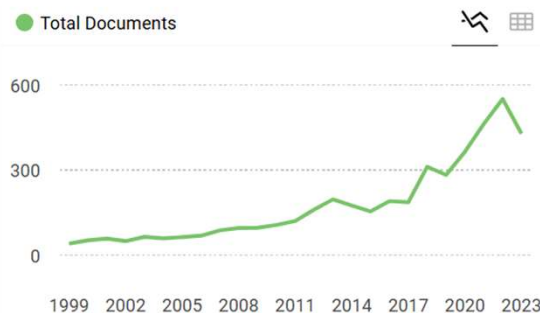
Building and
Construction

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二、Automation in Construction

直接拒稿原因



AutoCON Desk-rejection criteria (1/6)

- 約**60%**之投稿被直接拒稿 (desk-rejected)
 - 約**30%** by Managing Editor
 - 約**30%** by Associate Editor
- Editor-in-Chief 制定9條直接拒稿準則
 - 1. Lacks of line numbers (約**35%**)
 - 2. Out of scope (約**30%**)



AutoCON Desk-rejection criteria (2/6)

No	IF the paper is:	USING this text or similar	Text added for Comments
1	Lacking line numbers	Reject – Below publication standards	Authors should follow the format requirements for a review. It is mandatory to have line and page numbers for the manuscript. See the guide for authors... I regret to inform you that your manuscript does not meet the required quality standards for review, and we must therefore reject it.
2	Out of scope	“Reject – Out of Scope” or “Transfer Pre-Review”	This topic is more suitable for journals related to ... For this journal, we require the authors to clearly articulate the contribution their work makes to the body of knowledge in the field of Automation in Construction.

缺行號
、頁碼

不同領域



AutoCON Desk-rejection criteria (3/6)

No	IF the paper is:	USING this text or similar	Text added for Comments
3	Similarity	Reject – Similarity	In our similarity check, we found that this manuscript has a 28% overlap with existing literature. Notably, 12% of this overlap comes from a single source: doi.org/10.1080/10298436.2023.2219366. This level of overlap does not meet the novelty requirements of our journal. Until this issue is resolved, the manuscript will not proceed to further review.
			During the similarity check, we found that 49% of this manuscript overlaps with a single source: “*.pdf”. This source appears to be the author’s Ph.D. dissertation. AutoCON permits the use of content, figures, and tables from the thesis/dissertation, but the text must not be copied verbatim. Please revise and resubmit the manuscript, ensuring that the excessive verbatim text from the thesis/dissertation is addressed.

過度引用
單一文獻
(>10%)

整體相似
度 >25%

學位論文
之引用



AutoCON Desk-rejection criteria (4/6)

No	IF the paper is:	USING this text or similar	Text added for Comments
4	Resubmission of rejected manuscript	Reject – Below publication standards	In reviewing your manuscript, I discovered that this is a resubmission of a previously rejected manuscript. In this case, the authors are required to explain in details the improvements they have made in this version. Otherwise, your manuscript cannot be considered for further review. For more information, please refer to the comments below.
5	Too descriptive, entirely based on surveys or interviews	Reject – Out of Scope	Although your manuscript falls within the aim and scope of this journal, it is being declined due to lack of sufficient novelty and methodology. As is, the research methodology is very descriptive, and does not fully inform the reader of the proposed information technology model conception and physical application, or its associated contribution to the body of knowledge.

未回應審查意見

質性研究



AutoCON Desk-rejection criteria (5/6)

No	IF the paper is:	USING this text or similar	Text added for Comments
6	Focus on equipment mechanical performance	Reject – Out of Scope	This paper lacks direct contributions to construction automation. The contents are mainly about equipment performance without demonstrating how the mechanisms and machine will be used for construction applications and benefit the construction automation community.
7	Wrong classification	Reject – Below publication standards	Although the problems being addressed are potentially of interest to our readership, your manuscript does not meet the required quality standards to be considered for publication as it is apparently a review. As is, the paper would contain no new scientific knowledge relevant to a global scholarly audience. Please use the correct description (“Review Article”) and resubmit as new.

專注於機械性能

投錯類型



AutoCON Desk-rejection criteria (6/6)

No	IF the paper is:	USING this text or similar	Text added for Comments
8	Too many references	Reject – Below publication standards	You should list here only those references that were essential for shaping the analysis of domain or literature review, and those that you commented and paraphrased throughout your analysis. The typical number of references for a review paper should be between 100 and 150. Please only reference work you will use in your text as quoted or paraphrased, not data points of your statistical study.
9	Exceeding seven names in the author byline	Reject – Below publication standards	The number of listed co-authors exceeds typical levels for submissions to this journal. The corresponding author should limit the number of listed co-authors to the top 5-7 contributors and to list the rest of them in the Acknowledgements section in whatever order they themselves decide.

文獻過多

作者數量



三、技術論文撰寫建議



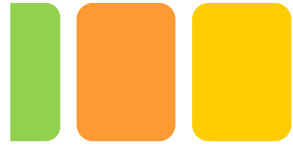
1.訂定適當的論文題目

- 與期刊領域相關
- 保持標題簡潔
- 反映主要問題和內容
- 先完成全部草稿最後再確定標題
- 避免不常見的縮寫字或地域用詞



2. 摘要撰寫技巧

- 摘要的重要性
 - 少於150字
 - 摘要是編輯及審查委員審查的主要內容
 - 它應該簡潔、清晰、易於理解。
 - 強調對學術和產業的貢獻
 - 避免引言中不必要的句子



2. 摘要撰寫技巧(續)

- 寫好摘要之五大關鍵句：
 - ① **Significance** of the subject matter (論文主題之重要性)
 - ② **Research question** to be answered (所要回答的研究課題)
 - ③ **Means and methods** used to solve the question (用於獲得研究問題答案的手段和方法與科學工具)
 - ④ **The answer** to the research question (研究問題的答案)
 - ⑤ **Impact of the outcomes** to the academia, industry, or society (答案的意義和重要性)

2. 摘要撰寫技巧(續)

- Example of **① Significance of the subject matter**

The computer-aided design (CAD) communication medium, legal con

- ② Research question to be answered**

in construction projects. However, the rapid increase in CAD document volume has outpaced traditional retrieval methods, which rely on textual

- ③ Means and methods used to solve the question**

designers to efficiently retrieve relevant documents from large databases. This study addresses this issue by implementing a content-based text mining technique to extract textual content

- ④ The answer to the questions**

and create characteristic documents (CDs), which can be retrieved through similarity matching using a Vector Space Model (VSM).

Testing with a database of 2,094 Chinese-annotated CAD drawings demonstrates that the proposed Content-based CAD document Retrieval

- ⑤ Impact of the outcomes to the academia, industry, or society**

it documents. This content-based approach significantly enhances CAD document retrieval and reusability, offering a practical solution to a common challenge in the construction industry.



3.文章內容:AutoCON審查重點 (1/4)

No	Criterion	Explanation
1	Are the objectives and the rationale of the study clearly stated?	Please provide suggestions to the author(s) on how to improve the clarity of the objectives and rationale of the study. Please number each suggestion so that author(s) can more easily respond.
2	If applicable, is the application/theory/method/study reported in sufficient detail to allow for its replicability and/or reproducibility?	Please provide suggestions to the author(s) on how to improve the replicability/reproducibility of their study. Please number each suggestion so that the author(s) can more easily respond

目標
與動機

研究
可重製性



3.文章內容: **AutoCON**審查重點 (2/4)

No	Criterion	Explanation
3	If applicable, are statistical analyses , controls, sampling mechanism, and statistical reporting (e.g., P-values, CIs, effect sizes) appropriate and well described ?	Please clearly indicate if the manuscript requires additional peer review by a statistician. Kindly provide suggestions to the author(s) on how to improve the statistical analyses, controls, sampling mechanism, or statistical reporting. Please number each suggestion so that the author(s) can more easily respond.
4	Could the manuscript benefit from additional tables or figures , or from improving or removing (some of the) existing ones?	Please provide specific suggestions for improvements, removals, or additions of figures or tables. Please number each suggestion so that author(s) can more easily respond.

統計方法
正確性

圖、表
完整性



3.文章內容: **AutoCON**審查重點 (3/4)

No	Criterion	Explanation
5	If applicable, are the interpretation of results and study conclusions supported by the data ?	Please provide suggestions (if needed) to the author(s) on how to improve, tone down, or expand the study interpretations/conclusions. Please number each suggestion so that the author(s) can more easily respond.
6	Have the authors clearly emphasized the strengths of their study/theory/ methods/argument?	Please provide suggestions to the author(s) on how to better emphasize the strengths of their study. Please number each suggestion so that the author(s) can more easily respond.
7	Have the authors clearly stated the limitations of their study/theory/ methods/argument?	Please list the limitations that the author(s) need to add or emphasize. Please number each limitation so that author(s) can more easily respond.

結果闡釋
數據支持

研究貢獻

研究限制



3.文章內容: **AutoCON**審查重點 (4/4)

No	Criterion	Explanation
8	Does the manuscript structure, flow or writing need improving (e.g., the addition of subheadings, shortening of text, reorganization of sections , or moving details from one section to another)?	Please provide suggestions to the author(s) on how to improve the manuscript structure and flow. Please number each suggestion so that author(s) can more easily respond.
9	Could the manuscript benefit from language editing ?	Yes/No

文章之
組織架構

英文編輯



四、案例分析



成功稿件案例 (1/2)

for Manuscript		
Modelling for Predicting the Construction Cost and Duration of		
comments for the submission.		
Attachments (0) View Manuscript Rating Card		
	Revision 1	Original Submission
	Accept	Minor Revisions
	Accept	Major Revisions
	Accept	Major Revisions
	(None)	[Terminated by Associate Editor]
	Accept	Major Revision
	Accept	Major Revision
	Accept	Major Revision
		Response to Reviewers

1. Include complete bibliographic data and DOI, ISBN, or web address (with **文獻格式**) for all references.

2. Avoid abbreviating journal names or conference titles.

3. Use "pp." before page ranges and ensure correct capitalization of journal and conference titles.

1. The revised paper has addressed all my previous comments, and I suggest to ACCEPT the paper as it is now.

2. The author did a very good revision and I Suggest to accept.

2 "Minor revisions" +
1 "Major revisions"

投稿
2021/12/19

第一審
2022/1/2

第二審
2022/2/13

接受
2022/4/27

2024/11/23

12 days

84 days

26 days

24



成功稿件案例 (2/2)

1. Enhance review on Advancement in Acoustic Leak Detection: Significant progress has been made in acoustic leak detection for water mains, it should be included in literature review. **文獻回顧**
2. Limited Practical Value for Asset Managers: Despite technical advancements, the review's outcomes offer limited practical insights for asset managers in water management. **強化貢獻**

Comments for Manuscript		
Automatic Review of Acoustic Leak Detection Approaches for Water Pipelines"		
View the comments for the submission.		
Attachments (1) View Manuscript Rating Card		
	Revision 1	Original Submission
	(None)	Minor Revisions
	(None)	[Terminated by Review Editor]
	Accept	Minor Revision
	Accept	Major Revision
	Accept	Major Revision

In the 2nd round, previous reviewers declined to re-review the paper. I personally reviewed the paper and confirm that all comments of reviewers were properly addressed. I therefore recommend to accept the paper.

2 "Minor revisions"

第一審
2021/12/08

第二審
2021/12/08

接受
2022/5/22

2024/11/23

451 days

35 days

28 days

25

失敗稿件案例 (1/2)

缺乏實證

1. Lack of Practical Implementation: Reviewer #1 suggests reducing methodology sections and expanding on practical deployment, including challenges, solutions, and hardware/software specifics.

說明不足

2. Missing Crucial Information: Reviewer #2 acknowledges the detailed methodology but notes the need for essential additional information to strengthen the application's practical relevance.

Manuscript

Information Tracking Control for Traffic Cone Robots under Environmental y-Based Approach"

Comments for the submission.

ts (1) View Manuscript Rating Card View Review Question Responses

Original Submission	
Major Revisions	
Reject	
Major Revisions	
[Terminated by Associate Editor]	
[Terminated by Associate Editor]	
Reject	
Reject - Below publication standards	
Reject - Below publication standards	

AE: Three experts reviewed the manuscript and did not recommend publication. The AE agrees with their feedback, which may help improve the work. Based on current ratings and comments, the paper cannot be published in Automation in Construction.

投稿
2021/12/19

第一審
2022/1/2

拒絕
2022/2/13

2 "Major revisions"
+ 1 "Reject"

12 days

2 days

2024/11/23

失敗稿件案例 (2/2)

- Lack of contributions:** Reviewers point out the need for a deeper exploration of the model's contribution and performance, particularly by providing more comprehensive experiments, analyzing the impact of specific modules (e.g., RES-SE and MAFA),.
- Insufficient validation:** Reviewer 2 raises concerns about the dataset's diversity, potentially affecting model generalization.

缺乏貢獻

驗證不足

Comments for Manuscript	
-based semantic segmentation of point clouds for underground garages"	
View the comments for the submission.	
Comments (0) View Manuscript Rating Card View Review Question Responses	
	Original Submission
viewer 1)	Major Revisions
	Reject
	[Terminated by Associate Editor]
	Reject
	Reject - Below publication standards
	Reject - Below publication standards

AE: This manuscript has undergone two comprehensive reviews, both identifying significant limitations. Therefore, the recommendation is to Reject. Specific review comments are below. Authors of rejected papers are welcome to address the feedback and resubmit as new for fresh consideration.

投稿
2021/12/19

第一審
2022/1/2

拒絕
2022/2/13

1 "Major revisions"
+ 1 "Reject"

21 days

6 days

2024/11/23



五、結語



結語

- 題目訂定與摘要撰寫是避免直接拒稿的關鍵
- 摘要是Editor及Reviewer審查的重點
- 參與審查是瞭解期刊要求重點的最佳學習方法⇒擔任 Reviewer
- AutoCON審查時間
 - 直接拒稿 (ME or AE) : < 7天
 - 完成1st review : $\cong$ 21天
 - 平均審查時間 : $\cong$ 60天
 - 平均最終接受時間 : $\cong$ 5個月