

International Review of Spatial Design and Structural Engineering

Published by: Willóh Publications

Discipline: Architectural Layouts; Spatial Design Theory; Structural Engineering; Materials Mechanics; Sustainable Built Environments; Urban Infrastructure

About Us & Executive Overview

1. Our Mission & Vision

At **Willóh Publications**, we believe that the evolution of modern habitats depends on the harmonious integration of aesthetic form, spatial functionality, and uncompromising structural integrity. The **International Review of Spatial Design and Structural Engineering (IRSDSE)** is an independent, peer-reviewed global platform dedicated to publishing pioneering scholarship at this critical intersection of design theory and physical engineering.

Our core mission is to bridge the gap between architectural creativity, indoor/outdoor spatial planning, and the rigorous mathematical and mechanical modeling required for structural execution. In an era defined by rapid urbanization, high-density vertical living, advanced material composites, and the crucial demand for climate-resilient architecture, this journal serves as a premier scholarly repository for evidence-based frameworks that optimize human space while ensuring structural longevity.

2. What the Journal is Up To: Advancing the Architectural and Infrastructure Frontier

The journal is committed to pushing the boundaries of the built environment and civil engineering through three distinct objectives:

- **Pioneering Spatial and Structural Synergy:** We dissolve traditional boundaries between creative architectural layout design and rigid civil engineering, explicitly focusing on how interior and urban spatial optimization interacts with load-bearing mechanics, seismic engineering, and structural aesthetics.
- **Enforcing Absolute Empirical and Computational Rigor:** IRSDSE is a sanctuary for high-impact, peer-verified research. We curate and publish advanced finite element analyses (FEA), structural mechanics proofs, innovative building information modeling (BIM) workflows, novel material performance data, and historic preservation case studies.

- **Driving Actionable Architectural Value:** Every study published in IRSDSE is evaluated not just for its theoretical novelty, but for its *structural and spatial utility*, providing urban planners, principal architects, civil engineers, structural analysts, and material scientists with clear blueprints to build safe, elegant, and sustainable ecosystems.
-

3. What the Publisher Will Do: The Willóh Commitment to Quality

As the parent publishing house, **Willóh Publications** provides the high-fidelity digital infrastructure, ethical oversight, and distribution network necessary to elevate our authors' work. To fulfill this mandate, we execute a continuous four-fold operational strategy:

Absolute Integrity & COPE Governance

We enforce a zero-tolerance policy regarding academic malpractice, data fabrication, and text recycling. Operating under the **Committee on Publication Ethics (COPE)** guidelines, we guarantee an uncompromised double-blind peer review process. We protect the sanctity of the scientific record so that academic institutions, engineering firms, and design councils worldwide can fully trust our published data.

High-End Digital Infrastructure

We ensure that every article is parsed into clean, machine-readable formats (HTML, XML, and high-fidelity PDF) and assigned a permanent **Crossref Digital Object Identifier (DOI)** to guarantee long-term global tracking, indexing, and citation visibility.

Building Towards Future Indexing

While IRSDSE is a newly launched journal and currently **not indexed in Scopus, Web of Science (WoS), or the Avery Index to Architectural Periodicals**, our daily operations are structurally aligned to meet their strict criteria from day one. This includes maintaining strict quarterly publication timelines and curating an international board of distinguished architects, town planners, and structural engineering PhD scholars, ensuring a seamless transition into major global databases during future review cycles.

Championing Open Science & Global Equity

We offer authors flexible, hybrid pathways to disseminate their research, supporting both traditional publication and Gold Open Access (CC BY 4.0). To ensure that financial constraints never act as a barrier to groundbreaking structural and design science, we provide automated 100% APC waivers and 50% discounts for researchers originating from low-income and developing economies.

Author Guidelines

Thank you for choosing the **International Review of Spatial Design and Structural Engineering (IRSDSE)** as a potential venue for your architectural, spatial planning, or structural engineering scholarship.

As an independent, peer-reviewed journal, we are committed to providing a transparent, constructive, and highly rigorous publishing experience. Please review the comprehensive preparation and submission guidelines below to ensure your manuscript meets our structural, ethical, and engineering criteria prior to submission.

1. Submission Checklist

Before uploading your manuscript to our digital tracking portal, please ensure you have prepared the following separate files to maintain our strict double-blind standards:

- **Anonymous Manuscript:** The main text file containing the title, abstract, keywords, body text, structural equations, references, tables, and figure legends. **This file must contain no author names, institutional affiliations, architectural studio credits, or identifying acknowledgments.**
- **Title Page:** A separate document containing the full manuscript title, names of all co-authors, institutional or corporate affiliations, contact emails, verified ORCID iDs, and any necessary funding or conflict of interest disclosures (including development grants, municipal sponsorships, or corporate firm credits).
- **High-Resolution Plates & Analytical Files:** Separate, high-fidelity files of architectural blueprints, site layouts, finite element analysis (FEA) meshes, or Building Information Modeling (BIM) data sheets intended for reviewer examination.

2. Online Submission Process

The journal utilizes a fully digital peer-review tracking platform managed by Willóh Publications. Email, postal, or faxed submissions will not be accepted for evaluation.

Step-by-Step Submission Workflow

1. **Account Registration:** Visit the Willóh Publications Editorial Portal and click **[Register]**. Create an account using your official institutional, laboratory, or corporate firm email address.
2. **ORCID Authentication:** The corresponding author is required to link a verified **ORCID iD** during registration to ensure authentic tracking across global infrastructure and design citation networks.
3. **Entering Metadata:** Copy and paste your finalized manuscript title, the 250-word structured abstract, and your selected keywords into the specified system fields.
4. **Uploading Component Files:** Upload your files individually, ensuring they are categorized accurately within the drop-down menu (*Title Page, Main Anonymized Manuscript, High-Resolution Plates/Data*).

5. **Co-Author Registry:** Input the full names, institutional affiliations, and email addresses of all co-authors exactly as they appear on your Title Page. The system will automatically generate a confirmation email to all listed parties upon successful submission.
6. **Ethical Declarations:** Complete the mandatory digital verification check-boxes confirming that the work is original, not concurrently under review elsewhere, and free of undisclosed corporate, commercial, or municipal conflicts of interest.
7. **Final Submission:** Review the system-generated HTML/PDF proof of your submission packet and click "**Submit Manuscript**" to finalize the process and receive your permanent tracking serial number (e.g., *IRSDSE-2026-0089*).

3. Manuscript Formats & Structural Limits

Manuscripts must be written in clear, concise technical English (British or American spelling is acceptable, but must be consistent throughout) and submitted in Microsoft Word (.doc or .docx) or compiled LaTeX formats (provide the anonymized PDF for review along with all source files) matching the following specific profiles:

Original Research Papers

- **Word Count:** 6,000–9,500 words (inclusive of mathematical frameworks, tables, figure captions, and references).
- **Core Expectation:** Must present original finite element models, structural mechanics derivations, physical load-bearing testing, novel building material composites, or algorithmic approaches to urban/interior spatial design.

Theoretical & Critical Design Essays

- **Word Count:** 5,000–8,000 words.
- **Core Expectation:** Deep analytical evaluations of spatial design theory, phenomenological approaches to architecture, historic structural preservation methodologies, or socio-spatial urban planning paradigms.

Technical Notes & Case Studies

- **Word Count:** 3,000–5,000 words.
- **Core Expectation:** Focused, empirical evaluations of specific real-world infrastructure projects, unique structural failures/retrofitting analyses, or specialized BIM workflow optimizations.

4. Style, Structure, and Layout

Document Settings

- **Font & Layout:** 12-point Times New Roman, Calibri, or standard LaTeX Computer Modern font. Double-spaced text with 1-inch (2.54 cm) margins on all sides.
- **Line Numbering:** Continuous line numbers must be activated across the entire document to assist peer reviewers during mechanical and architectural data verification.

- **Structural Mechanics Notations:** All engineering equations must be cleanly typeset using LaTeX notation or the Word Equation Editor. Equations must be numbered sequentially in parentheses on the right-hand margin:

$$\sigma = \frac{M \cdot y}{I}$$

The Structured Abstract Requirement

Every submission must include a **Structured Abstract** of no more than **250 words**, organized under the following mandatory headings:

1. **Purpose:** State the precise structural vulnerability, mechanical problem, spatial design gap, or urban planning hypothesis addressed.
2. **Design/Methodology/Approach:** Detail the mechanical modeling, finite element software, architectural layout strategies, material testing parameters, or spatial syntax methods utilized.
3. **Findings:** Summarize the primary quantitative or qualitative results, load capacities, space optimization benchmarks, or structural efficiency gains achieved.
4. **Practical/Architectural Implications:** Explicitly state how these findings can be practically applied by principal architects, structural designers, civil engineers, or municipal urban planners.
5. **Originality:** State the unique, definitive technical or conceptual contribution this paper makes to existing built environment literature.

Keywords

Provide **4 to 6 precise keywords** directly below the abstract (e.g., *Finite Element Analysis; Spatial Syntax; Seismic Retrofitting; Structural Mechanics; Sustainable Architecture*) to optimize search engine discoverability.

Figures, Blueprints, and Diagrams

- Figures, CAD drawings, schematic layouts, and stress-strain plots must be embedded directly within the text where they are discussed and must be provided in high resolution (minimum 300 DPI for JPEG/TIFF, or vector formats).
- All labels, dimensions, and legends must be clearly legible under magnification.
- All tables must be fully editable (not inserted as static images) and include descriptive, numbered titles (e.g., *Table 1: Material Properties and Ultimate Tensile Strength Benchmarks*).

5. Citations and References

International Review of Spatial Design and Structural Engineering strictly enforces the standard **Harvard Referencing Style** (Author-Date System).

- **In-Text Citations:** Cite references by author surname and year of publication in parentheses: ...as demonstrated in recent finite element simulations (Davis, 2024). Multiple spatial analyses (Smith and Zhao, 2023; Taylor et al., 2025) confirm these interior flow dynamics.

- **Reference List:** Arranged alphabetically by the first author's surname at the end of the paper. Every reference should ideally include an active **DOI URL** link (e.g., [\[https://doi.org/10.xxxx/xxxxx\]](https://doi.org/10.xxxx/xxxxx)(<https://doi.org/10.xxxx/xxxxx>)) to guarantee accurate tracking across indexing networks.

6. Peer Review & Evaluation Workflow

To guarantee absolute academic neutrality, mechanical accuracy, and architectural validity, the journal enforces a rigorous, multi-tiered review pipeline.

1. **Technical Desk Screening:** The Managing Editor evaluates all submissions for baseline format compliance, clear English usage, mechanical presentation, and absolute anonymity.
2. **Plagiarism Prevention:** All papers are run through **Turnitin/iThenticate**. Submissions displaying a total similarity index **above 12%**, or **more than 2% from a single source**, will be instantly desk-rejected without right of appeal.
3. **Double-Blind Review Phase:** An Associate Editor routes the fully anonymized manuscript to a minimum of **two external, independent PhD/Professional peer reviewers**. Reviewers are selected from international institutions outside the authors' native region to eliminate geographic bias.
4. **Editorial Verdict:** The Editor-in-Chief executes the final publication decision (Accept, Minor Revision, Major Revision, or Reject) based on reviewer scorecards evaluating mathematical validity, design clarity, structural rigor, and material reproducibility.

7. Publishing Integrity & Research Ethics

Willóh Publications adheres strictly to the core principles established by the **Committee on Publication Ethics (COPE)**.

- **Authorship Integrity:** Every listed author must have made a definitive intellectual contribution to the research based on the ICMJE Attribution Framework. Ghost, guest, or gift authorship is strictly prohibited.
- **Data and Model Transparency Mandate:** In alignment with modern civil engineering and open-science standards, authors publishing quantitative or simulation-based research are required to make their anonymized raw datasets, finite element mesh configurations, or architectural calculation sheets accessible via trusted public repositories (such as Zenodo, Figshare, Harvard Dataverse, or the Open Science Framework) upon official manuscript acceptance to allow for community verification and replication.

Author Support Desk

For technical support regarding the submission portal, CAD/LaTeX rendering compliance, or structural layout queries, please contact our administrative team at:

editorial-irsds@willohpublications.com.

Editorial Team

The structural integrity, design excellence, and academic rigor of the *International Review of Spatial Design and Structural Engineering* are upheld by an independent, international board of distinguished architects, structural engineers, urban planners, and materials scientists.

Our editorial governance follows a tiered system to manage incoming technical manuscripts objectively, oversee the double-blind peer-review workflow, and ensure strict compliance with publication ethics.

Leadership

Editor-in-Chief

- **[Name, PhD, SE / AIA]**
Institutional Affiliation, Country
Research Focus: Advanced Structural Mechanics, High-Rise Load-Bearing Dynamics, Seismic Retrofitting.
Editorial Role: Oversees the ultimate strategic, architectural, and engineering direction of the journal, executes final publication verdicts, and ensures full operational alignment with the Committee on Publication Ethics (COPE) guidelines.
-

Editorial Board

The Editorial Board acts as the primary steering committee for the journal. Board members provide expert peer-review oversight, nominate external design and engineering reviewers, handle regional manuscript routing, and assist in maintaining the journal's strict quarterly publication schedule.

Regional Associate Editors

To eliminate geographic bias and coordinate a truly global double-blind evaluation framework, our associate editors manage submissions across specific geographic divisions:

Americas Portfolio (Focus: Structural Engineering, FEA Modeling, Sustainable Composites)

- **[Name, PhD, PE] – University / Engineering Faculty, USA**
Expertise: Finite Element Analysis (FEA), Structural Steel Mechanics, Concrete Durability.

- **[Name, PhD]** – *School of Architecture / Institute, Canada*
Expertise: Sustainable Building Envelopes, Mass Timber Construction, Energy-Efficient Architecture.

Europe & UK Portfolio (Focus: Spatial Design Theory, Urban Infrastructure, Space Syntax)

- **[Name, PhD, RIBA]** – *Department of Architecture, UK*
Expertise: Spatial Syntax Theory, Socio-Spatial Urban Configurations, Architectural Phenomenology.
- **[Name, PhD]** – *Technical University / Civil Engineering, Germany*
Expertise: Bridge Engineering, Wind Tunnel Testing, Computational Fluid-Structure Interaction.

Asia-Pacific & Middle East Portfolio (Focus: Smart Cities, Seismic Design, Vernacular Architecture)

- **[Name, PhD]** – *Faculty of Engineering / Architecture, Japan*
Expertise: Earthquake Engineering, Base Isolation Systems, High-Density Adaptive Reuse.
- **[Name, M.Arch, PhD]** – *Indian Institute of Technology (IIT) / Planning School, India*
Expertise: Urban Planning Paradigms, Transit-Oriented Development (TOD), Interior Spatial Optimization.

Advisory Council & Professional Panels

In alignment with top-tier international built environment journals, our board includes a dedicated panel of principal architects, senior consulting structural engineers, and municipal fellows to bridge the gap between academic theory and real-world construction blueprints.

Professional & Industrial Advisory Board

- **[Name, AIA / SE]** – *Principal & Lead Structural Analyst, [Global Architecture & Engineering Firm / Studio]*
Focus: Building Information Modeling (BIM) Workflow Integration, Mega-Structure Mechanics.
- **[Name, PhD]** – *Director of Urban Infrastructure Research, [Municipal Planning Council / National Laboratory]*
Focus: Building Code Standardization, Resilient Civil Infrastructure, Smart City Layouts.

Editorial Office & Support

For operational, technical, or submission-related inquiries, the central administrative office can be reached directly via the following channels:

- **Managing Editor:** *[Name/Editorial Desk]* – managingeditor-irsdse@willohpublications.com
(Handles initial technical desk screening, iThenticate plagiarism verification, Harvard reference format compliance, CAD/BIM file repository validation, and layout checks.)
- **Production & XML Layout Team:** production@willohpublications.com
(Manages post-acceptance typesetting, technical drawing vector optimization, HTML/XML galley parsing, and Crossref DOI assignments.)
- **General Publisher Inquiries:** Willóh Publications – info@willohpublications.com

News & Announcements

Stay informed about the latest research breakthroughs, upcoming special thematic volumes, and collaborative architectural or civil engineering forums hosted by the *International Review of Spatial Design and Structural Engineering*.

Special Issues

There are currently no active Special Issues open for submission. When a new call for spatial layouts, structural mechanics, or advanced material composites is launched, full technical parameters, BIM/FEA data requirements, and guest editor profiles will be posted here.

Conference Alerts & Professional Partnerships

There are currently no upcoming conference alerts or official municipal/academic forum partnerships scheduled. Upcoming global engineering symposia, sustainable architecture summits, and fast-track submission paths will be highlighted here.

Journal Newsletter & Built Environment Briefs

Get the latest open-access research summaries, structural analysis trends, and editor design briefs delivered straight to your inbox every quarter.

Join Our Academic Mailing List

Join a global network of architects, structural engineers, and urban planners.

[Enter Your Institutional/Firm Email Address] → [Subscribe to Newsletter]

(We strictly enforce a no-spam policy. Your email will only be used for official Willóh Publications announcements and journal alerts).