ASCE JOURNAL OF LEGAL AFFAIRS AND DISPUTE RESOLUTION IN ENGINEERING AND CONSTRUCTION

Special Issue on ‘Legal Practice and Concerns of Technological Advances in Engineering and Construction’

Call for Papers

The Journal of Legal Affairs and Dispute Resolution in Engineering and Construction is pleased to announce a special issue in response to the increasing concerns over legal and ethical issues in adopting new technologies in the engineering and construction industry to assist in improving health and safety, productivity, and efficiency. This peer-reviewed special issue will feature a collection of papers identifying and addressing the latest approaches and practices that overcome the legal and/or ethical challenges of adopting new technologies in civil and construction projects.

Suggested subject areas for papers to be submitted for this special issue include, but are not limited to:

1. The legal and/or ethical concerns of adopting -
   • Building Information Modeling (BIM)
   • Smart construction technology
   • Concept of Smart Cities
   • Digitalization in construction
   • Real-time employee or workflow monitoring (including the use of Artificial Intelligence technology)
   • Sensor-based technology
   • Various Internet of Things (IoT).

2. The impact of technological advances in -
   • Legal practice and professional development
   • Enforcement of existing codes, regulations, or Acts (e.g., Construction Contracts Act or the Building and Construction Industry Payment Act on contractual dispute resolution).

3. Analysis of legal cases or case studies on the legal and ethical concerns surrounding the adoption of new technologies.

High-quality, original papers written under the theme of ‘Legal and Ethical Concerns of Technological Advances in Engineering and Construction’ are invited. Papers that refer to legal precedents and which present arguments from a legal perspective are desired. Forum articles on policy viewpoints are also encouraged. Each scholarly paper / case study / feature article / legal note shall undergo a rigorous peer-review assessment by at least two reviewers.

All papers must be submitted in the standard ASCE format as detailed in www.pubs.asce.org. For this journal, the CHICAGO style of REFERENCES must be used and must be divided between LIST OF CASES, LIST OF ACTS AND STATUTES, WORKS CITED, and ENDNOTES.

The submission deadline is extended to 15 January 2022. The full paper must be submitted electronically at Editorial Manager, http://www.editorialmanager.com/jrnlaeng/. For queries, please contact the Guest Editor, Associate Professor Kenneth Tak Wing Yiu, School of Built Environment, Massey University, New Zealand, t.yiu@massey.ac.nz; Tel: +(64) 9 2136925.