



## THE 25<sup>TH</sup> ANNIVERSARY OF THE JOURNAL OF CIVIL ENGINEERING AND MANAGEMENT: EDITOR'S INTRODUCTION

Edmundas Kazimieras ZAVADSKAS<sup>1</sup>, Jurgita ANTUCHEVIČIENĖ<sup>2\*</sup>

<sup>1</sup>*Editor-in-Chief of Journal of Civil Engineering and Management, Department of Construction Management and Real Estate, Vilnius Gediminas Technical University, Lithuania*

<sup>2</sup>*Deputy Editor-in-Chief of Journal of Civil Engineering and Management, Department of Construction Management and Real Estate, Vilnius Gediminas Technical University, Lithuania*

**Abstract.** In 2019, the Journal of Civil Engineering and Management commemorates its 25<sup>th</sup> year of publishing. Therefore, in this short introduction, the Editors would like shortly to overview Journal's development and its current achievements. In addition, taking the opportunity, the Editors would like to thank the numerous Authors, the distinguished Advisory Editors and Editorial Board members, and the Reviewers who have contributed to the quality and the success of the Journal.

**Keywords:** Journal of Civil Engineering and Management, 25<sup>th</sup> anniversary, aims and scope, abstracting and indexing, editorial board, distribution of papers.

### About the journal

In 2019, the Journal of Civil Engineering and Management commemorates its 25th year of publishing. The Journal was initiated in 1995 as a per-reviewed quarterly journal under the Lithuanian title "Statyba" (Construction). Founding Editor and currently Editor-in-Chief Professor Edmundas Kazimieras Zavadskas. In March 2002, the current title "Journal of Civil Engineering and Management" with the sub-title "International Research and Achievements" was assigned.

The Journal of Civil Engineering and Management (JCEM) is a peer-reviewed journal that provides an international forum for the dissemination of the latest original research, achievements and developments. We publish for researchers, designers, users and manufacturers in the different fields of civil engineering and management.

The topics include building materials and structures, structural mechanics and physics, geotechnical engineering, road and bridge engineering, urban engineering and economy, constructions technology and economy and management, information technologies in construction, fire protection, thermo-insulation and renovation of buildings, labour safety in construction.

The journal publishes original articles that present new information and reviews. Our objective is to provide essential information and new ideas to help improve civil engineering competency, efficiency and productivity in world markets.

### Journal development and current achievements

In 1995–2001, papers in Lithuanian, English, German and Russian were published in the Journal. In the period, 34 Journal numbers including 545 papers were published.

Since 2002, the Journal has been published entirely in English, which promoted its wider dissemination. In the period of 2002–2007, twenty-four issues of the Journal were published containing 238 papers. In the period the Journal was abstracted/indexed by SCOPUS, COMPENDEX, INSPEC, Cambridge Scientific Abstract, EBSCO Publishing, etc.

Since 2008, the Journal reached a new stage of development. In 2008, JCEM was indexed by Thomson Reuters (currently Clarivate Analytics) Science Citation Index Expanded, and the Journal Impact Factor (JIF) was provided in 2010 (JIF = 3.711). Since 2010, the Journal has been encouraged by CIB (International Council of Research and Innovation in Building and Construction).

The latest currently available Journal ranking is as follows: Science Citation Index Expanded, Journal Impact factor (Clarivate Analytics, 2018), JIF = 1.660. The Journal is currently ranked in the 55th position worldwide among 128 journals in "Engineering, Civil" Web of Science category and it is in the second quartile (Q2) of journals based on its worldwide impact in the category.

SCOPUS CiteScore 2017 is 1.86; SCImago Journal Ranking (2017), SJR = 0.572; SCOPUS Source Normalized Impact per Paper (2017), SNIP = 1.072. The Journal enters

\*Corresponding author. E-mail: [jcem@vgtu.lt](mailto:jcem@vgtu.lt)

the first quartile (Q1) in Business, Management and Accounting: Strategy and Management, and the second quartile (Q2) in Engineering: Structural and Civil Engineering.

Since 2011 until 2017, the Journal has been co-published by Vilnius Gediminas Technical University (VGTU) Press and Taylor & Francis. The design of the Journal was changed, electronic peer review and publishing platforms were launched, the number of submissions as well as internationalization of authors and reviewers increased.

Starting 2018, the Journal of Civil Engineering and Management has been published entirely by Vilnius Gediminas Technical University (VGTU). We are happy to announce several improvements to our publishing model to raise the standard of our publishing and ensure that the journal receive the impact that it deserve. Our emphasis is now on publishing quality articles rapidly and making them freely available to researchers worldwide. Therefore, we implemented a number of changes. Journal of Civil Engineering and Management is published as an Open Access journal. This ensure that the journal and the articles it publishes are free for all to read, which will greatly improve the journal's impact and reputation. Publishing process is managed on a new VGTU journal platform created using OJS software. Peer-review process is handled on a ScholarOne Manuscript system. We are introducing the international author identification standard, ORCID iD. Now all the authors and Editorial Board Members are encouraged to create and use an ORCID iD, a unique and persistent identifier that distinguishes you from every other researcher and connects you to your research activities, so you always get the credit for your work. The papers are published under a licence (CC BY 4.0), which permits unrestricted use, distribution, and reproduction in any medium, provided the original author and source are credited. This type of publishing fully fulfils the recommendations of Horizon 2020 Programme and best practice publishing requirements for Open Access. As part of our open access model, we allow all published articles to be deposited immediately upon publication in at least one widely and internationally recognized open access repository or authors' institutions repositories. To fund these changes, from 2018 VGTU implements Article Publication Charges (APCs) to be paid by authors or their institutes (or funding organization).

### Distribution of papers

During the 25 years of existence of the Journal, international visibility of JCEM and its impact on the scientific community has been increasing progressively.

Although the Journal "Statyba" was published in four languages, until 2002 it contained 81 percent of publications authored by Lithuanian scholars and only 17 percent of publications by foreign authors, and 2 percent of joint manuscripts.

Following the reorganization in 2002, the JCEM had received a half of publications authored by Lithuanian

scholars, while foreign authors had submitted 45 percent of papers and the rest several percent had been joint papers of Lithuanian and foreign authors.

Meanwhile, the latter 11 years of abstracting in WoS database resulted in 23 percent of Lithuanian authors and 77 percent of foreign authors.

Assignment of published papers to institutions was previously analysed in 1995–2010. Results showed that in the period 1995–2003, the majority of articles were still produced by researchers of Vilnius Gediminas Technical University (VGTU). In 2009, already 30 articles were published with co-authors of other Lithuanian and foreign institutions and foreign scholars authored 26 papers. In 2010, the number of papers authored by other scholars was two times greater than that of VGTU authors, while VGTU scholars co-authored 21 papers with colleagues from other institutions.

According to research of JCEM publications between 2008 and 2018, VGTU cooperated aplenty with other institutions. Kaunas University of Technology, Lithuania, Wroclaw University of Science and Technology from Poland, National Taiwan University of Science and Technology from Taiwan, Islamic Azad University from Iran and University of Malaya from Malaysia occupied important positions in the cooperative network.

The most productive authors in the JCEM journal during the past 11 years when the journal is indexed in Clarivate Analytics Web of Science, were identified to be M. J. Skibniewski from University of Maryland, USA, who leads the rank in a number of total publications, Z. Turskis from VGTU, Lithuania, who leads in the list in total citations, and E.K. Zavadskas, also from VGTU, who leads in the list in total citations/total publications.

Regarding the topic of papers, "concrete" is the most frequently used author keyword in the JCEM journal. Some other keywords are "construction industry", "construction management", "reinforced concrete", "compressive strength", "MCDM", "simulation" and "optimization".

### Thanks for the contribution

We believe that the journal continues to be essential reading for scientists and researchers who wish to keep abreast of the latest developments in the field and we would like to thank you for their continuing contribution.

We are grateful to our Editorial Boars who have been contributing to the success of the Journal. We are proud to announce that three of JCEM Editorial Board members are recognized as Highly Cited Researchers 2018. This list recognizes world-class researchers selected for their exceptional research performance, demonstrated by production of multiple highly cited papers that rank in the top 1% by citations for field and year in Web of Science. World-wide recognized our Editorial Board members include Advisory Editor Professor Hojjat Adeli, Ohio State University, Category – Engineering; Advisory Editor Professor Timon Rabczuk, King Saud University Saudi Arabia

and Bauhaus University Weimar, Category – Engineering and Computer Science; Advisory Editor Professor Mattheos Santamouris, UNSW Sydney, Category – Engineering; Editor-in-Chief Professor Edmundas Kazimieras Zavadskas, Vilnius Gediminas Technical University, Category – Cross-Field.

Associate Editors – research-active and reputable scholars – help to ensure the scientific quality of the Journal: Professor Gintaris Kaklauskas, who supervises the reviews and publications of papers in the area of building materials and structures; Professor Artūras Kaklauskas, responsible for papers in construction technology and management; Professor Rimantas Kačianauskas, responsible for papers in structural mechanics, building physics, and information technologies. It is worth to be mentioned that all the Associate Editors are Members of the Lithuanian Academy of Sciences and winners of the Lithuanian Science Award in Technical Sciences.

We are proud of Journal's numerous and respectable Editorial Board. JCEM Editorial Board consists of 43 members, including 9 Lithuanian scientists and 34 (80 percent) meritorious scientists from other European countries (Estonia, Poland, Germany, Austria, France, the United Kingdom, Finland, Slovenia, Slovakia, Czech Republic, Hungary and Portugal) and other countries of the world (USA, Australia, Israel, China, Taiwan, and Hong Kong).

A very large number of researchers contributed to the effective peer-review process. List of reviewers is published on journal website at the end of each year. In 2017–2018, papers were reviewed by 323 reviewers, only 6 percent of them were Lithuanian scientists (20 reviewers) and the rest 94 percent were reputed scientist from different countries of the world. The Editors of the Journal would like to express their sincere appreciation to all experts for their contribution to the quality of papers.

Finally, the Editors once again would like to express their sincerest gratitude to all those who have contributed to the success of the Journal, its quality and significance in the academic world.

We are grateful to members of the Editorial Board for many years of cooperation and contribution in ensuring the quality of the Journal.

We greatly appreciate efforts of a large number of Reviewers in providing valuable comments and suggestions aimed at improving the quality of submissions.

Special thanks goes to Contributors for choosing the Journal of Civil Engineering and Management to publish their research findings.

We would like to express our sincere gratitude and look forward to our further successful scientific cooperation.