

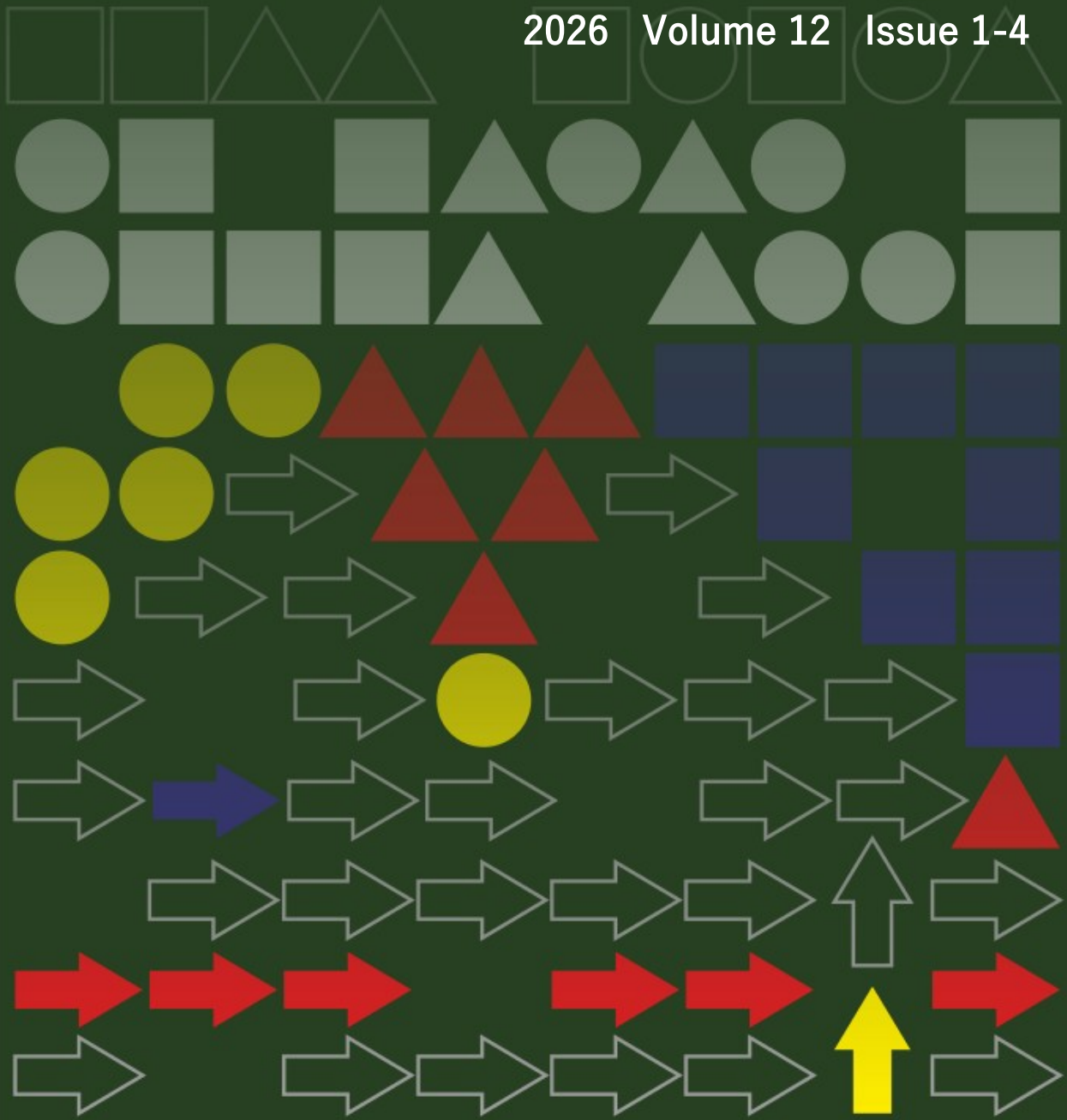
# ACTA SIMULATIO

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**Examples of references:**

**Books:**

[1] BARNES, R.: *Successful study for degrees*, 2<sup>nd</sup> edition, London, Routledge, 1995.

[2] MCCARTHY, P., HATCHER, C.: *Speaking persuasively, Making the most of your presentations*, London, Pan Books, 1998.

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**Journals:**

- [3] KROMMUANG, A., SUWUNNAMEK, O.: Structural equation modeling of supply chain management, employee involvement, and employee work performance in Thailand's auto parts industry, *Acta logistica*, Vol. 8, No. 4, pp. 353-367, 2021. <https://doi.org/10.22306/al.v8i4.238>
- [4] DIC, M., PEKARČIKOVÁ, M., TROJAN, J., KOPEC, J.: Data processing for creating simulation models, *Acta Simulatio*, Vol. 7, No. 2, pp. 7-11, 2022. <https://doi.org/10.22306/asim.v7i2.60>
- [5] FEDOSOV, S., DOMNINA, K., PIVARČIOVÁ, E.: The construction of the function of the ultimate goal of the technological process of non-autoclaved foam concrete obtaining, *Acta Technologia*, Vol. 5, No. 3, pp. 59-62, 2019. <https://doi.org/10.22306/atec.v5i3.61>
- [6] NIKAKHTAR, A., HOSSEINI, A.A., WONG, K.Y., ZAVICHI, A.: Application of lean construction principles to reduce construction process waste using computer simulation: a case study, *International Journal of Services and Operations Management*, Vol. 20, No. 4, pp. 461-480, 2015. <https://doi.org/10.1504/IJSOM.2015.068528>

**WWW pages:**

- [7] YOUNG, C.: English Heritage position statement on the Valletta Convention, [Online], Available: <http://www.archaeol.freeuk.com/EHPositionStatement.htm> [24 Aug 2001], 2001.
- [8] Acta Simulatio, [www.actasimulatio.eu](http://www.actasimulatio.eu): Instructions for authors, [Online], Available: <http://www.actasimulatio.eu/index.php?stranka=forauthors> [27 Jan 2022], 2015.

**Proceedings:**

- [9] BREM, G., GORT, R., VAN KESSEL, L.B.M.: *Theoretical and Experimental Modelling of Municipal Solid Waste Incineration*, 7<sup>th</sup> International Recycling Congress, 28-30 October, Berlin, pp. 201-213, 1992.
- [10] CAO, S., ZHANG, K.: *Optimization of the flow distribution of e-waste reverse logistics network based on NSGA II and TOPSIS*, International Conference on E-Business and E-Government (ICEE 2011), 6-8 May, Shanghai, pp. 1-5, 2011. <https://doi.org/10.1109/ICEBEG.2011.5881817>

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The output and establishment of the journal are a direct consequence of the market requirements for a specialized journal to the simulation. Acta Simulatio (AS) - International Scientific Journal about Simulation focuses on simulation for utilization not only in Central Europe. The editors intend to attract experts in the field and anyone wishing to expand their knowledge of simulation, research, education, and pedagogy in this area.

The journal focuses mainly on the original and new, interesting, high-quality, theoretical, practical and application-oriented contributions to the field of science and research as well as to pedagogy and education in the area of simulation.

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