http://jesk.or.kr
eISSN : 2093-8462
DOI Prefix : 10.5143/JESK

Journal of the Ergonomics Society of Korea

Vol. 44 No. 4 August 2025

The Journal of the Ergonomics Society of Korea (abbreviated as JESK) launched in 1982 is published bimonthly in every February, April, June, August, October, and December.

JESK is provided to members of the society; nonmembers and institutions may subscribe for ₩30,000/year and ₩100,000/year, respectively. Application of membership or changes of status or address change notices should be sent to the society at the address above.

Individual readers of this journal and nonprofit libraries acting for them are freely permitted to make fair use of the material in it, such as to copy an article for use in teaching and research. Permission is granted to quote excerpts from articles in this journal in scientific works with the customary acknowledgement of the source, including author's name, journal name, year, volume, number, and page. Permission to reproduce any article or a substantial portion (more than 500 words) thereof or any figure or table, must come from the corresponding author of the article and from the society.

Republication or systematic or multiple reproduction of any material in this journal is permitted only under license from the society.

The full text of the JESK is also available on the website: http://jesk.or.kr.
JESK is indexed and abstracted in the database: Korea Citation Index (http://www.kci.go.kr), Korea Journal Citation Reports (http://ksci.kisti.re.kr), DOI/Crossref, DBPIA (http://dbpia.co.kr) and EBSCO.

The Human Factors & Ergonomics Society of Korea
Room #614, 20, Teheran-ro 25-gil, Gangnam-gu, Seoul, Korea
Phone: +82-2-568-2995, Fax: +82-2-6455-2994, Email: admin@esk.or.kr, Website: http://esk.or.kr

Editorial Board
Editor in chief: Sangwon, Lee
Korea University, School of Industrial and Management Engineering, Seoul, Korea
Phone: +82-2-3290-3386, Email: upcircle@korea.ac.kr, Journal homepage: http://jesk.or.kr

Publishing Office
Seoheung Publishing Company
Phone: +82-702-0143, Fax: +82-714-7062, Email: shbio2001@hanmail.net

Registered: June 30, 1982 Online Issued: August 31, 2025

This work is supported by the 'Lottery Fund' of the 'Ministry of Strategy and Finance' and the 'Science and Technology Promotion Fund' of the 'Ministry of Science and ICT', contributing to the realization of social value and the development of national science and technology.

© Copyright 2025 by the Human Factors & Ergonomics Society of Korea