



## From the Editorial

# Change in education: the role of JEGYS and the quality gap in academic publishing

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### Abstract

The change in education and the era of artificial intelligence coincide with the concept of 'Gifted Young Scientists' introduced by JEGYS. It will no longer be rare to encounter many young scientists and entrepreneurs. Aware of its role in this regard, JEGYS will continue its publications. JEGYS will update and adhere to its publication policies and ethical principles for the year 2025. New appointments have been made to the editorial board of JEGYS. The academic quality gap between articles in journals from developing countries and those from developed countries has been discussed, along with the reasons and suggestions for improvement.

### Keywords:

Academic quality gap in articles, changing of education, AI era, journals in developing countries

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Today, a clear change in education is evident. Among the working population, especially young people, there is an increasing desire not to be physically present in a fixed location. With the role of artificial intelligence in reducing labor and time in a job, generating strategies or using thinking skills has become more important. The era of 'Gifted Young Scientists' introduced by JEGYS has begun. But are we ready for this? In this period, where we will meet talented individuals at a very young age, our educational practices need to be aimed at them. JEGYS has updated the previous article section title 'Advanced Technologies in Education' to 'AI, Metaverse, and Advanced Technologies in Education.' It has invited individuals like Dr. Hasan Tinmaz, who work in the field of artificial intelligence, to become field editors. In the 2025 publication period of JEGYS, adherence to publication policies and ethical principles, such as publishing no more than 10 articles per issue and ensuring that articles from one country do not exceed 20% of the total, will be maintained. Additionally, we thank Prof. Dr. Michael Saughnessy for accepting the role of chief editor. We already appreciate his contribution to determining the field editors and editorial board members. With our field editors and editors, we have high hopes that 2025 will be a very successful year. We know that the Dergipark journal system has many procedures for submitting articles. The Dergipark team is improving themselves and their software every day, especially working to create software that is sensitive to ethical issues in academic publishing. You can always contact me during the process of submitting your articles.

Currently, many countries around the world operate an index-based promotion procedure for academic staff. This situation leads academics to focus on journals indexed in specific databases. This, in turn, creates an academic quality gap in articles, similar to the gap between university education in developed and developing countries. As a solution to this, it is observed that major publishers are creating multidisciplinary journals to meet the need for indexed journal articles for academics in developing countries. In addition, the increase in the number of indexed journals in developing countries can be considered another positive development. However, as Snow (2001) described with his

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depiction of two cultures, a gap has emerged between them, with one having a detrimental effect on scientific development. Researchers who excel in an academic field are often reluctant to choose journals from developing countries. Authors in these journals tend to contribute to their fields through articles that may contain certain scientific issues, mainly in journals from developing countries. The higher education boards in developing countries, which only demand promotions based on indexed journal articles, lead academics in these countries to focus more on journals with fast publication processes. The high article processing charges of these journals also cause a significant portion of the capital to shift from research to publication fees. I observe that this academic quality gap is deepening. In addition, the effectiveness of initiatives encouraging open access to journals and reducing the costs of accessing scientific knowledge is questionable. I believe that advancing technology will greatly help reduce this academic quality gap. The most crucial factor in academic publishing is the development of reviewers. At this point, the concept of 'developmental reviewing' can be introduced to support the development of authors' research and improve the quality of their articles.

In this issue, we present you with five articles. We would like to thank our authors, as well as our reviewers and editors. We invite you to submit your articles to JEGYS. Enjoy the pleasure of reading the articles

Dr. Hasan Said Tortop  
Managing Editor of the JEGYS

### **Rererences**

Snow, C.P. (2001). İki kültür (Two cultures) (Trans: Tuncay Birkan). TÜBİTAK publishing.