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THE USE OF OPEN SCIENTIFIC AND EDUCATIONAL RESOURCES AS A MEANS OF IMPROVING THE INFORMATION AND RESEARCH COMPETENCE AND QUALITY OF UNIVERSITY TEACHING STAFF

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ABSTRACT

The dynamic development of modern information technologies and the electronic form of data presentation opened up new approaches to information resource management and an opportunity to organize the processes of publication, storage, and distribution of scientific research of university teaching staff at a qualitatively higher level. The study aims to assess the current state of the utilization of open scientific and educational resources by the research and pedagogical staff in their professional activities. The study presents a theoretical analysis of scientific developments on the issue of using open scientific and educational resources (OSERs) and open-access systems (OAS). The study results show that electronic professional periodicals, digital libraries, online conference platforms, scientometric databases, electronic social networks, and systems of digital identification of scientists and scientific publications are the OSERs most frequently used by university faculty. Moreover, the vast majority of university faculty are aware of the need to use OSERs in their own professional activities. Overall, the study results give evidence that professional advancement and internship programs for university teachers require further improvement. The issues of the selection, technical integration, and organizational and methodical introduction of information-analytical systems to support scientific research remain topical.

Keywords: open-access systems (OAS); information and research competence; digital libraries (DL).