

Exploring the Changes in the Publishing of Scientific Journals in the Age of Digital Transformation as the Main Measure for Scientific Communication

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Abstract : The historiography of scholarly journals in Eastern Europe is fragmented, and so far, the development of scholarly journals in Eastern Europe has not been studied from a publishing point of view in the context of scientific communication. There are only a few general articles on the period before World War II; also, there is hardly any systematic and publicly available information about the Soviet period and the situation of scientific communication in Eastern Europe at the end of the XX century and the beginning of the XXI century. There is a lack of research data on scholarly journals in Lithuania. The existing researches focuses mostly on the specific needs of academic institutions. The publication of scientific journals and papers is analyzed as a part of the scientific communication circle. Formal science communication from the point of view that it is the results formed in the course of communication are examined, which are necessarily characterized by long-term access to a large circle of users. Improved model of scientific communication by supplementing the dissemination of research results with formal and informal communication channels is used, according to which the scientific communication system forms the essence of science, where the social, lasting value of science and the dissemination of scientific results to scientists and the public are the most important. The model covers the science communication process from research initiation to journal publication and citation. We are focusing on the publishing and dissemination stages of the model of scientific communication. The paper is to systematize and analyze the various types of scientific journal publishers from 1907 until 2020 as a means of formal documentary communication in the context of all scientific communication. The research analyses the case of a small European country and presents chronological and geographical characteristics of the publication of scientific periodicals, analyzes the publishers of scientific periodicals and their activities, publishing formats, and dissemination methods.

Keywords : scientific communication, scientific periodicals, scientific journals, publishing

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