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SCIENTIFIC PROFESSIONAL PUBLICATIONS OF INSTITUTE OF ARCHITECTURE AND DESIGN AT LVIV POLYTECHNIC NATIONAL UNIVERSITY (Part II. Statistical observation)

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Astract. The article presents the results of statistical observation of scientific professional publications of the Institute of Architecture and Design of the Lviv Polytechnic National University: Bulletin of the Lviv Polytechnic National University and the English scientific journal "Architectural Studies" for the periods 2007–2021 and 2015–2021, respectively. The analysis of the main thematic categories, issues and articles of both journals, the composition and affiliation of editorial board members and authors of works is carried out. The main directions of improving the periodicals of the Institute of Architecture and Design and prospects for their development are determined.

Key words: scientific professional publication, collection of scientific papers, Bulletin of the Lviv Polytechnic National University, Architectural Studies, scientific activity, Institute of Architecture and Design, scientometric databases.

Problem statement

Interest in unlocking the potential of scientists is one of the indicators of the prestige of a country and a scientific institution in the modern information world. Creating opportunities for recording and distributing creative heritage is the most important vector of development of any scientific school. Our own periodicals have proven themselves well as a method of stimulating the creative search of teachers and students during the educational process. Lviv Polytechnic National University has been developing this field for almost a century, and recently it has been doing so in accordance with international trends and requirements. Against the background of a general drop in the number of scientific publications in

professional publications, the share of articles published in scientific publications of the Institute of Architecture and Design is steadily growing.

Scientific publications, with their leading scientific and educational function, are at the same time not an obvious source of social statistics. Thanks to studies of the percentage distribution of research interests of the community, gender identity of authors, etc., it is possible to study the uniformity and proportionality of disclosure of all areas of the industry, identify those that require optimization and reform and determine the vector of further activities. Such a review will help to determine priorities in the formation of subsequent issues of journals and adjust the editorial policy of scientific publications. The observation was made on the basis of an analysis of the issues of the Bulletin of the Lviv Polytechnic National University Series: "Architecture" for 2007–2021 and the scientific journal "Architectural Studies" for the entire period of its existence (from 2015 to 2021) and the works published in them during this time.

Analysis of recent publications and research

The number of scientific publications in the country reflects the research activity of scientists and the country's place in the world scientific community. For the scientific community, this is an important communication tool. According to the reports of the Ukrainian Institute of scientific and technical expertise and information, Ukrainian authors in 2019 published 170.5 thousand articles or 467 articles every day in scientific journals, in 2020 their number decreased to 148.6 thousand, or 407 articles/day (Pisarenko T. V., Kuranda T. K. et al., 2020), (Pisarenko T. V., Kuranda T. K. et al., 2021). This was influenced, in particular, by the rapid reduction of scientific organizations and researchers. The number of researchers from 133.7 thousand people in 2010 to 2020 decreased to 51.4 thousand, and compared to 2014 it halved. In contrast to global trends in attracting and motivating young scientists, the rate of leaching of highly qualified personnel from the scientific and innovative sphere is growing in Ukraine. The trend of reducing the number of researchers leads to a gradual degradation of scientific potential and creates the basis for a significant technological lag in the country (Pisarenko T. V., Kuranda T. K. et al.2021, P. 13). The dynamics of the number of printed works in scientific professional publications of Ukraine in the period 2016–2020 is derived on the basis of official data and scientific and analytical notes (Pisarenko T. V., Kuranda T. K. et al.2021, P. 16) (fig.1).

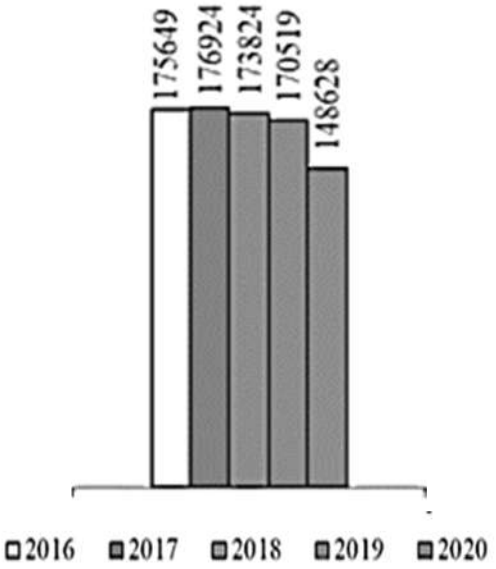

Fig. 1. Dynamics of the number of publications in scientific professional publications of Ukraine in the period 2016–2020

The share of scientific articles by Ukrainian authors in journals included in the Scopus database of the previous year was less than 9 % of their total number (SCOPUS Database). Therefore, the vast majority of domestic articles continue to be published in periodicals of professional scientific publications of Ukraine. There are almost no studies devoted to the problems of domestic scientific periodicals in the field of architecture. Therefore, the authors decided to continue the series of articles that explore the history, problems and prospects of professional publications of the institute (Cherkes B. S., Shuldan L. O., 2018).

Results and discussion

The list of Ukrainian professional publications is quite extensive. After all, it is periodicals that quickly respond to industry news, discuss the most relevant topics on their pages, present current research, describe innovative methods, consider work experience, and much more. Recognition of professionalism becomes a necessary condition for the existence of a scientific publication. Strict rules for including journals in the list of professional journals should help improve the quality of scientific publications. Periodicals of scientific professional publications of Ukraine classified as "A" and "B" are considered permanently included in the list if their status does not deteriorate. (List of scientific professional publications of Ukraine, 2021).

As of 06.29.2021, 1.199 periodicals of Ukraine were recognized as specialized, and only 6 of them were specialized in the field of architecture in the speciality 191. They can publish the results of dissertation research for the degree of Doctor of Architecture, Candidate of Architecture and degree of Doctor of Philosophy. The list of architectural journals awarded Category "B" is shown in Table 1. Two of them are publications of the Institute of Architecture and Design of the Lviv Polytechnic National University. The first is the Bulletin of Lviv Polytechnic National University – one of the oldest scientific traditional magazines, founded in 1964, which gave birth to the eponymous magazine of the Series: "Architecture" *(SA*). Among domestic architectural publications, a special place is occupied by the scientific journal "Architectural Studies" *(AS)*, an English-language publication that very quickly became authoritative in the Ukrainian and foreign architectural community (Fig. 2, Fig. 3).

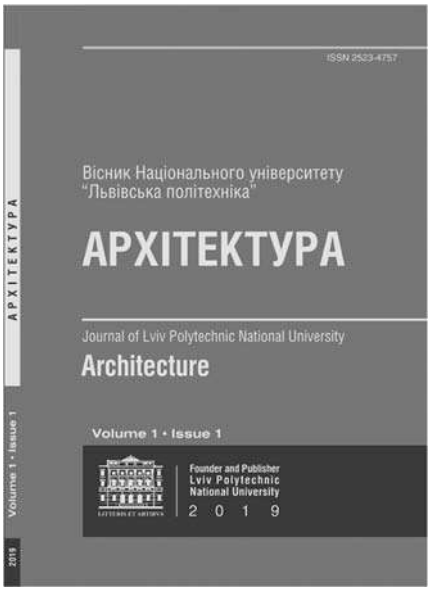

Fig. 2. Cover of the Bulletin of the State University "Lviv Polytechnic" Series: Architecture

Fig. 3. Cover of the scientific journal "Architectural Studies" Lviv Polytechnic National University

They were included in the list based on Appendix 3 to the order of the Ministry of Education and Science of Ukraine No. 420 dated 15.04.2021. This is not the first time that magazines have been recognized as professional. The Bulletin of the Series: "Architecture" has been recognized for 25 years, and "Architectural Studies" has been recognized since its foundation. The previous period of stay in the

list for SA lasted from 22.04.2011 to 12.03.2020, for AS – from 22.12.2016 to 12.03.2020. After obtaining the status of professionalism of a certain category, journals are necessarily subject to monitoring by the Ministry of Education and Science regarding their compliance with the requirements.

One of the conditions for entering journals in the list of Ukrainian professional publications is the indexing of "Architectural Studies" (index: ICV 2017: 64.59, ICV 2018: 79.76, ICV 2019: 96.03), and subsequently the Bulletin (ICV 2019: 72.19, ICV 2018: 47.06) in the scientometric database Index Copernicus, placement of full texts of scientific publications in search engine Google Scholar and timely inclusion of journal Issues in the electronic catalogue of scientific periodicals of Ukraine (National Library of Ukraine named after V. I. Vernadsky). This status must be updated and confirmed annually. The strategic goal of the editorial board is to increase the status of journals, index them in the scientometric databases Scopus and Web of Science, and, consequently, move from Category "B" to Category "A".

Table 1

Sample of scientific professional periodicals of Ukraine in the field of science – architecture, specialty – 191*

Publication title / Founder (Co-founders)	ISSN	Date of inclusion, update (making changes) Category	Databases
Architectural Studies Lviv Polytechnic National University	ISSN (Print) 2224-0977	15.04.2021 **Category "B"**	Google Scholar, Scientific Periodicals of Ukraine (National Library of Ukraine named after V. I. Vernadsky), Index Copernicus
Bulletin of the Lviv Polytechnic National University *(Series "Architecture")* Lviv Polytechnic National University	ISSN (Print) 2523-4757	15.04.2021 **Category "B"**	Google Scholar, Scientific Periodicals of Ukraine (National Library of Ukraine named after V. I. Vernadsky), Index Copernicus
Urban planning and territorial planning Kyiv National University of Civil Engineering and Architecture	ISSN (Print) 2076-815X ISSN (Online)2522-9206 (online)	26.11.2020 **Category "B"**	Google Scholar, Scientific Periodicals of Ukraine (National Library of Ukraine named after V. I. Vernadsky), Index Copernicus
Scientific Bulletin of Construction Kharkiv National Technical University of Construction and Architecture, Kharkiv regional territorial branch of the Academy of Construction of Ukraine	ISSN (Print) 2311-7257	24.09.2020 **Category "B"**	Research Bible, DRJI, CrossRef, Google Scholar, Scientific Periodicals of Ukraine (National Library of Ukraine named after V. I. Vernadsky)
Problems of theory and history of architecture in Ukraine. Odessa State Academy of construction and architecture	ISSN (Print) 2519-4208	28.12.2019 **Category "B"**	Google Scholar, Scientific Periodicals of Ukraine (National Library of Ukraine named after I. Vernadsky), Index Copernicus
Modern problems of architecture and urban planning Kyiv National University of Civil Engineering and Architecture	ISSN (Print) 2077-3455	26.11.2020 **Category "B"**	Google Scholar, Scientific Periodicals of Ukraine (National Library of Ukraine named after V. I. Vernadsky)

** The selection was made by the authors*

An important stage in the promotion of these scientific professional publications was the creation of websites in compliance with the requirements for their design (Bulletin of the Lviv Polytechnic National University, Series "Architecture", 2021), (Architectural Studies, 2021). Today, websites are maintained in two languages (Ukrainian and English) and have the following main structural blocks: editorial board; instructions for authors; instructions for reviewers; review process; publishing ethics; contacts; archive of issues. Here you can find information about the issues considered in the publication; frequency of issues, ISSN (International Standard Serial Number) - it identifies the periodical regardless of the country of origin, registration in the Accreditation Commission of Ukraine, DOI index (digital object identifier) – it is assigned by the CrossRef agency. The journal archive should be updated on time, and the content of issues and metadata about publications should appear together with the release of the current professional publication.

Periodicals formed by them are an indicator of the quality of the scientific level of institutions. The Lviv Polytechnic National University has established 29 scientific journals, the printing of which is provided by the modern publishing and printing complex of the publishing house of Lviv Polytechnic National University. The number and statuses of journals, as well as the importance and thoroughness of the materials published in them, contributed, in particular, to the fact that in 2021 Lviv Polytechnic entered the top 25 best universities in the world in two areas: Co-Publications with Industrial Partners, International Joint Publications according to the U-Multirank rating.

Publications in professional journals are a criterion for evaluating the scientific work of institutes and individual scientists and teachers. Both journals are headed by the director of the Institute of Architecture and Design, Professor, Doctor of Architecture, full member of the Ukrainian Academy of Architecture and the Saxon Academy of Arts B. Cherkes, who determines the current policy and development prospects. The editor has to work to expand the issues of journals, and new authors and those who have already published their works have sent their articles to the next issues. In addition, if necessary, they attract reviewers – leading experts on narrow professional topics, to provide authors with constructive comments on their articles. The editor-in-chief invited well-known scientists in the field of architecture and urban planning to cooperate and create a reliable editorial commission and council (Table 2).

The authors of the article conducted a study of the composition of editorial boards of these architectural publications in dynamics. In previous years, in the editorial board of Architectural Studies, among 20 respected scientists, men accounted for 75 % and, accordingly, women only 25 %. Today, the editorial board and editorial council of this periodical include 14 specialists (Table 2), 43 % of whom are women (Fig. 4). A positive trend is also observed in the changes in the editorial board of the Bulletin of Lviv Polytechnic National University, Series "Architecture", where out of 16 specialists, women made up 19 %, and from 2021 out of 15 members (Table 2) it is already 40 % (Fig. 5).

Over the years, the editorial board of Architectural Studies has collaborated with representatives of foreign institutions: New York and Princeton Universities (the USA), Milan Technical University (Italy), Vienna Technical University (Austria), Delft Technical University (Netherlands), Cambridge (Great Britain) University; Krakow Polytechnic University (Poland), Darmstadt Technical University and the University of Stuttgart (Germany). In 2018–2020, there were 50 % of scientists from foreign institutions. The current editorial staff retains this ratio.

However, the number of members of the editorial board of the Bulletin, which were represented by foreign scientific institutions, was 37.5 %. Now their representation has been increased to 47 %. The geography of editors' affiliations has also been expanded: Technical University Darmstadt, Germany; Vienna Technical University, Austria; Cambridge University, Great Britain; Jagiellonian and Krakow Economic Universities, Poland; Technical University "Krakow Polytechnic", Poland; University of Groningen, Holland.

Scientists working at their main place of work in Ukrainian higher education institutions: Kharkiv National University of Construction and Architecture and Kyiv National University of Construction and Architecture are invited to join the team of experts that determines the editorial policy of the publication. Thus, in the editorial boards, the share of foreign and domestic scientists who are not affiliated with Lviv Polytechnic National University is 71 % *(AS*) and 60 % (*SA*) respectively (Fig. 6, 7).

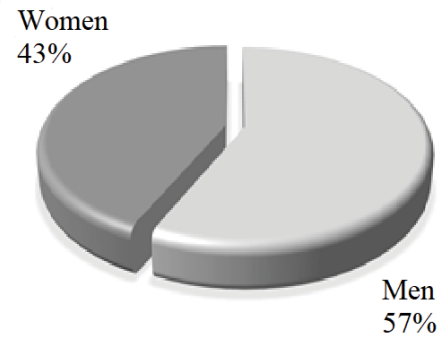

Fig. 4. Gender ratio of women to men among embers of the editorial board of the journal "Architectural Studies" (as of 2021)

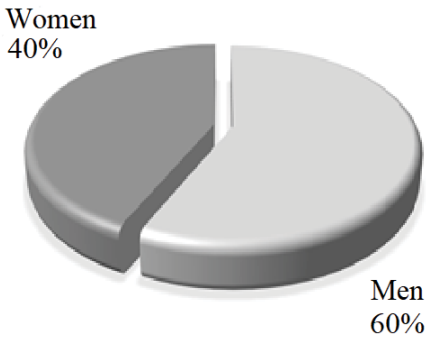

Fig. 5. Gender ratio of women to men among embers of the editorial board of the Bulletin of Lviv Polytechnic National University, Series "Architecture" (as of 2021)

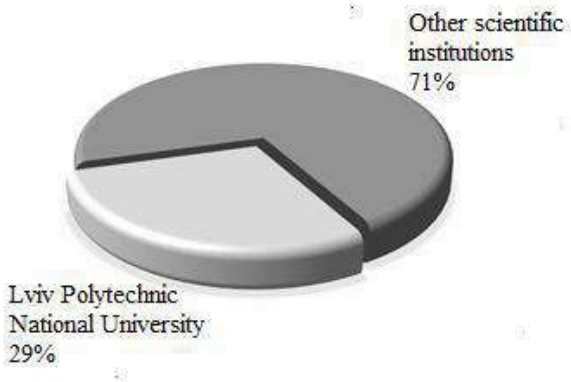

Fig. 6. Ratio of members of the editorial board of the journal "Architectural Studies" to scientific institutions

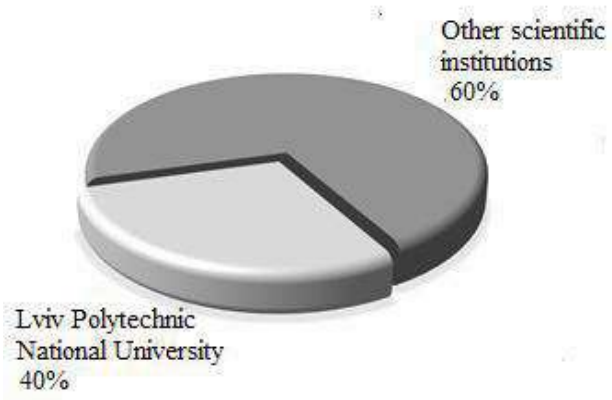

Fig. 7. Ratio of members of the editorial board of the Bulletin of Lviv Polytechnic National University, Series "Architecture" to scientific institutions

The Institute of Architecture and Design employs more than 160 scientists. 70 % of them published their articles in our scientific publications. A total of 818 articles were published during the sample period, with 342 authors participating in the creation. The number of articles in each issue varies, with an average of 24. Throughout the entire time, there is a positive trend in the quality of publications.

The number of scientists-correspondents of the studied publications by the gender ratio of men to women reflects the situation in the scientific field of Ukraine, where in 2020 45.4 % of researchers were women (Pysarenko T. V., Kuranda T. K. et al., 2021, P. 15). The authors of articles published in Bulletin and Architectural Studies were also divided into two almost equal groups: 51.2 % are men, 48.8 % are women (Fig. 8). During the study period, the percentage of female authors increased annually, which indicates equal access to the scientific sphere of life. The number of articles by authorship was divided in

almost equal parts: 30.9 % of publications were prepared by men, 31.7 % – by women, 37.4 % – in collaboration with several authors (Fig. 9). This trend continues in both publications.

Table 2

Composition of editorial boards and councils of periodical professional publications Institute of Architecture and Design at Lviv Polytechnic National University

<table>
<tr><td colspan="4">Editor-in-chief,
director of the IAD, Professor, DArch Bohdan Cherkes</td></tr>
<tr><td colspan="2">Editorial board journal
“Architectural studies”</td><td colspan="2">Editorial board
Bulletin of Lviv Polytechnic National University.
Series: “Architecture”</td></tr>
<tr><td colspan="2">Editorial council</td><td colspan="2">Editorial council</td></tr>
<tr><td colspan="2">1</td><td colspan="2">2</td></tr>
<tr><td>Technical University Darmstadt, Germany</td><td>DArch, Prof. Werner Durth</td><td>Technical University Darmstadt, Germany</td><td>DArch, Prof. Werner Durth</td></tr>
<tr><td>Technical University of Vienna, Austria</td><td>DArch, Prof. Andreas Hofer</td><td>Technical University of Vienna, Austria</td><td>DArch., Prof. Andreas Hofer</td></tr>
<tr><td>Technical University of Vienna, Austria</td><td>DArch, Prof. Caroline Jäger-Klein
Caroline Jäger-Klein</td><td>Technical University of Vienna, Austria</td><td>DArch, Prof. Caroline Jäger-Klein</td></tr>
<tr><td>University of Cambridge, United Kingdom</td><td>DArch, Prof. Sebastian Macmillan</td><td>University of Cambridge, United Kingdom</td><td>DArch, Prof. Sebastian Macmillan</td></tr>
<tr><td colspan="2">Executive Secretary</td><td>Jagiellonian and Krakow Universities of Economics, Poland</td><td>PhD, Prof. Jacek Purhlya</td></tr>
<tr><td>Lviv Polytechnic National University, Ukraine</td><td>PhD, Assosiate Prof. Larysa Shuldan</td><td colspan="2">Executive Secretaries</td></tr>
<tr><td colspan="2">Editorial board</td><td>Lviv Polytechnic National University, Ukraine</td><td>PhD, Assosiate Prof.
Shuldan L.
PhD, Assistant
Yasinsky M.</td></tr>
<tr><td>Lviv Polytechnic National University, Ukraine</td><td>DScTech, Prof. Mikola Gabrel</td><td colspan="2">Editorial board</td></tr>
<tr><td>Kyiv National University of Civil Engineering and Architecture, Ukraine</td><td>DArch, Prof. Yulia Ivashko</td><td>Lviv Polytechnic National University, Ukraine</td><td>DScTech, Prof. Gabrel M.</td></tr>
<tr><td>Lviv Polytechnic National University, Ukraine</td><td>DArch, Prof. Halyna Petryshyn
Halyna Petryshyn</td><td>Kyiv National University of Civil Engineering and Architecture, Ukraine</td><td>DArch, Prof. Ivashko Yu.</td></tr>
<tr><td>Kharkiv National University of Civil Engineering and Architecture, Ukraine</td><td>DArch, Prof. Elena Remizova</td><td>Lviv Polytechnic National University, Ukraine</td><td>DArch, Prof. Petryshyn H.</td></tr>
<tr><td>Kyiv National University of Civil Engineering and Architecture, Ukraine</td><td>DArch, Senior Lecturer Nadiya Antonenko</td><td>Kharkiv National University of Civil Engineering and Architecture, Ukraine</td><td>DArch, Prof. Remizova O.</td></tr>
<tr><td>New York and Princeton Universities, the USA</td><td>DArch, Prof. Jean-Louis Cohen</td><td>Kyiv National University of Civil Engineering and Architecture, Ukraine</td><td>DArch Antonenko N.</td></tr>
</table>

Continuation of Table 2

1		2	
Technical University "Krakow Polytechnic", Poland	DArch, Prof. Boguslav Podhalański	*Technical University "Krakow Polytechnic", Poland*	DArch, Prof. Boguslav Podhalański
University of Groningen, Holland	DArch, Prof. Cor Wagenaar	*University of Groningen, Holland*	DArch, Prof. Cor Wagenaar

The next step of the research was to search for materials that best reflect the situation in architectural and urban planning professional publications and, accordingly, determine the most popular topics of scientific research. For statistical analysis, three main categories were taken that correspond to the rubrication adopted in previous years: architecture of buildings and structures, history and theory of architecture, and urban planning. The dominant direction of both publications in total is, in fact, the architecture of buildings and structures, to which almost half of the publications are devoted – 49.0 %, the second position (33.4 %) is occupied by historical and theoretical surveys. Urban planning, as a more specific industry, is represented in 17.6 % of articles (Fig. 10). If we provide data separately for each of the publications, then for Bulletin the topic of architecture of buildings and structures remains the leader (52.7 %), and in Architectural Studies the first position is occupied by articles on the history and theory of architecture (41.8 %). Among the not permanent, but popular topics, the anthology of the Lviv architectural school, architectural structures and architectural physics, methodological approaches to special education take place. The number of categories in journals varies from 1 to 9.

An analysis of the number of authors by country of origin yielded the following results. The main number of articles created by domestic authors is 94.3 % (Fig. 11), which is the expected result due to the target audience and geographically oriented topics of the main number of publications of the studied publications. Among Ukrainian institutions, most publications were submitted by representatives of Lviv Polytechnic National University (84.1 %), which confirms the weight of their periodicals as a mouthpiece of scientific ambitions in the professional information space. 15.9 % of articles are the works of authors from other reputable institutions: the National Academy of Sciences of Ukraine, the National Union of Architects of Ukraine, the National Academy of Arts of Ukraine, the Kyiv National University of Construction and Architecture, Kharkiv National University of Construction and Architecture, Ivano-Frankivsk National Technical University of Oil and Gas, Lviv State Agrarian University, Vinnytsia National Technical University, Odesa State Academy of Construction and Architecture, Poltava National Technical University named after Yu. Kondratyuk, National University of Water Management and Nature Management (Rivne), National Aviation University (Kyiv), Prydniprovska State Academy of Construction and Architecture, Research Institute of Monument Protection Research (Kyiv), Kharkiv National Academy of Urban Economy and others.

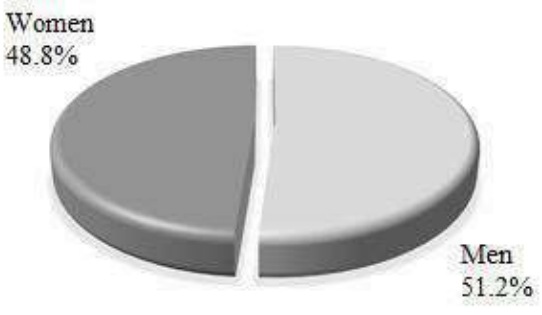

Fig. 8. Gender ratio of women to men among authors of works in scientific publications of the Institute of architecture

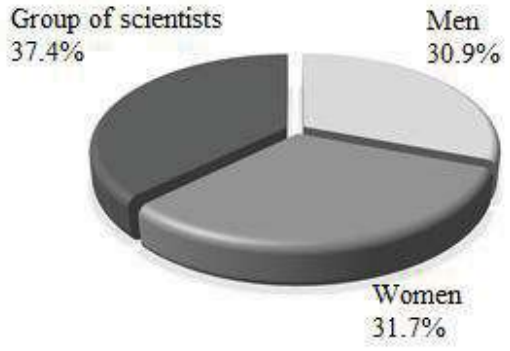

Fig. 9. Ratio by gender and number of authors of the publication among the authors of works in scientific publications of the Institute of architecture

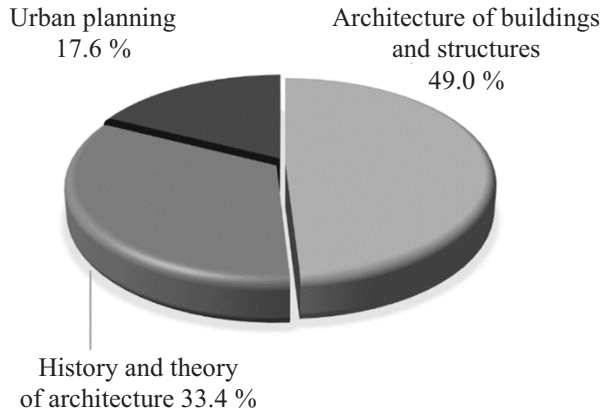

Fig. 10. Ratio by thematic direction of scientific works in accordance with the three main categories identified

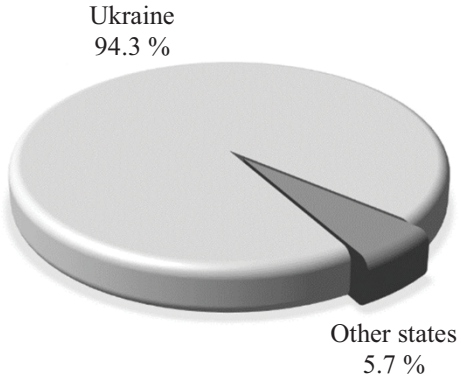

Fig. 11. Ratio by country of origin of authors of publications

The share of foreign authors of both publications is on average 5.7 % (Fig. 11). It is growing every year, which indicates a positive trend in the integration of these Ukrainian publications into the world scientific space. Moreover, in the scientific journal "Architectural Studies", the percentage of research by foreign authors is 12.4 %. Both Bulletin and Architectural Studies publish individual works of scientists from Poland, Germany, Austria, the Czech Republic, Great Britain, the USA, and Canada, as well as in collaboration with domestic colleagues, which indicates the active international cooperation of the Institute of Architecture and Design.

Several criteria that are important in achieving the strategic goal set by the Institute's staff and the editorial board headed by the editor-in-chief are also investigated. This is indexing in the scientometric database Scopus or Web of Science, and, consequently, the transition from Category "B" to Category "A" in the list of professional publications in Ukraine. Improving the status of journals is associated with compliance with international standards for publications. Today, the average volume of articles is almost 7 pages. It is necessary to make it typical, similar to the best international magazines, increasing it to 10–15 pages. The authors refer to approximately 8–10 references in their articles. The recommendations for the development of scientific journals suggest standardizing the number of references to 45 ± 15 for experimental studies and up to 90 ± 20 for review articles, as well as carefully adhering to international bibliographic standards. The share of articles of the studied publications of a review nature is 48 %. Publications containing experimental studies – 43 %, and scientific reports – 9 % of the total number of published works. An increase in the percentage of publications covering experimental research results would contribute to the growth of popularity and international recognition of journals.

Magazines are published twice a year. In addition to regularity, scientometric databases recommend publishing volumes consisting of 4 issues of the journal per year with end-to-end page numbering of all issues of the volume. The selection of manuscripts will bring the level of the journal to international standards. In particular, quarterly monitoring of the number of external links to journal articles, especially in the Web of Science, Scopus and Google Scholar databases, will allow you to choose in the future for publication manuscripts of the topic that received the highest number of links.

The statistical review conducted by the authors of the article for two publications of the Institute of Architecture and Design of Lviv Polytechnic National University allowed us to determine the prospects and outline the immediate plans of editorial boards in the context of reforming science and higher education and increasing the requirements for scientific periodicals. Changes and development

of journals are not a targeted action, but a constant process and painstaking work that requires stimulation and real support of journal editors from both the university management and representatives of the Ministry of Education and Science of Ukraine.

Conclusions

The development of periodicals is a mandatory policy vector for a successful scientific institution that strives for the internal development of its specialists and the expansion of the network of international relations. The Lviv Polytechnic National University actively supports this branch of scientific and educational activities, thanks to which it entered the international rating U-Multirank in the top 25 best universities in the world in two areas: Co-Publications with Industrial Partners, International Joint Publications.

As of 06.29.2021, 6 publications were recognized as professional in the field of architecture in speciality 191 in Ukraine. Two of them are publications of the Institute of Architecture and Design of Lviv Polytechnic National University: Bulletin of Lviv Polytechnic National University, Series "Architecture" and "Architectural Studies". Their further stay on the list is determined by the mandatory annual monitoring of the Ministry of Education and Science on compliance with the requirements. One of the requirements is the timely placement of full texts of scientific publications in the search engine Google Scholar and entering issues of journals in the electronic catalogue of scientific periodicals of Ukraine, as well as annual indexing in the scientometric database Index Copernicus.

Statistical observation conducted by the authors will help to meet the requirements, determine priorities in the formation of subsequent issues of journals, adjust the editorial policy of scientific publications and improve their status. The study of the issues of the Bulletin for 2007-2021 and Architectural Studies for 2015–2021 allowed us to draw some conclusions and generalizations, identify positive developments and outline prospects for further work.

More than 60 % of scientists who are not affiliated with Lviv Polytechnic National University are invited to join the team of experts that determines the editorial policy of the publication. About 50 % of the members of editorial boards are outstanding scientists representing foreign scientific institutions. The share of foreign authors of both publications is growing, averaging 5.7 %. Moreover, in the scientific journal "Architectural Studies", the percentage of research by foreign authors is 12.4 %. Almost a third of the authors (27 %) are affiliated with other Ukrainian and foreign scientific institutions. This indicates the active integration of the Lviv School of Architecture into the world scientific community. In the future, it is necessary to encourage the involvement of foreign authors in publications in journals; set a goal to increase the share of foreigners among authors by 10–15 % annually.

The average ratio among the authors of articles was: 51.2 % – men, 48.8 % – women. The number of women involved in editorial boards has significantly increased – from 22 % to 41.5 %. Today, almost parity has been achieved both among the members of the editorial board and the authors of articles, which indicates accessibility to the scientific sphere of life.

The number of categories in journals varies from 1 to 9. The dominant direction of both publications in total is, in fact, the architecture of buildings and structures, to which almost half of the publications are devoted – 49.0 %, the second position (33.4 %) is occupied by historical and theoretical surveys. Urban planning is represented in 17.6 % of articles. The average volume of articles is about 7 pages, and the number of links to literary sources is 8–10. The share of articles of the studied publications of a review nature is 48 %. Publications containing experimental studies account for 43 %, and scientific reports – 9 % of the total number of published works. These indicators require correlation with international standards for scientific publications. The strategic goal of the editorial board is to

increase the status of journals, index them in the scientometric databases Scopus and Web of Science, and, consequently, move from Category "B" to Category "A".

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НАУКОВІ ФАХОВІ ВИДАННЯ ІНСТИТУТУ АРХІТЕКТУРИ ТА ДИЗАЙНУ НАЦІОНАЛЬНОГО УНІВЕРСИТЕТУ "ЛЬВІВСЬКА ПОЛІТЕХНІКА" (Частина ІІ. Статистичне спостереження)

Анотація. *Фаховими в галузі архітектури (спеціальність 191) у 2021 році в Україні визнано 6 видань, два з них є науковими журналами Інституту архітектури та дизайну Національного університету* "*Львівська політехніка*" – "*Вісник*" *Національного університету* "*Львівська політехніка*" *серія* "*Архітектура*" *та англійськомовний часопис* "*Architectural Studies*" *("Архітектурні дослідження").*

Для визначення пріоритетів у формуванні наступних номерів цих журналів, коригування редакційної політики наукових видань та підвищення їх статусу проведено розгорнуте статистичне дослідження. Опрацюванню підлягали випуски Вісника за 2007–2021 рр. та Architectural Studies за 2015–2021 рр. До вибірки увійшли 818 статей 342 авторів. Понад 70 % усіх науковців Інституту архітектури та дизайну опубліковували в них результати своїх досліджень. Відзначена позитивна динаміка якості статей. Кількість тематичних розділів вуномерах журналів коливається від 1 до 9. Панівним спрямуванням досліджень є архітектура будівель і споруд (49,0 %). Друге позицію займають історико-теоретичні архітектурні вишукування – 33,4 %. Містобудування представлено в 17,6 % публікацій. Частина статей

оглядового спрямування становить 48 %. Середній обсяг статей – близько 7 сторінок, а кількість посилань на літературні джерела – 8–10. Це параметри, які слід переглянути відповідно до сучасних вимог. Відсоток експертів, які були запрошені з інших наукових установ для визначення редакційної політики періодичних видань, становить понад 60 %. Орієнтовно 50 % членів редколегій – видатні вчені, які представляють іноземні установи. Поступово збільшується частина іноземних авторів в обох періодичних виданнях, досягаючи в середньому 5,7 %. До того ж в науковому журналі "*Architectural Studies*" *відсоток досліджень зарубіжних науковців удвічі більший (12,4 %). Майже третина дописувачів (27 %) афілійована в інших українських та зарубіжних наукових установах. Ці факти відображають успішну інтеграцію Львівської архітектурної школи в українське та світове наукове співтовариство. Надалі необхідно заохочувати іноземних авторів та збільшувати відсоток їхніх публікацій на 10–15 % щорічно. Значно зросла кількість жінок задіяних у редколегіях – з 22 % до 41,5 %. Співвідношення серед авторів статей у середньому становило: 51,2 % – чоловіки, 48,8 % – жінки. Сьогодні практично досягнено паритету як серед членів редколегії, так і авторів статей, що свідчить про рівність доступності до наукової сфери життя.*

Таким чином визначено основні напрями вдосконалення періодичних видань Інституту архітектури та дизайну, атакож перспективи їх розвитку. Адже стратегічною метою редколегії є підвищення статусу журналів, їх індексації у наукометричних базах Scopus і Web of Science, а відтак і переходу з категорії "*Б*" *до категорії* "*А*" *у Переліку фахових видань України.*

Ключові слова: *наукове фахове видання, збірка наукових праць, Вісник Національного університету "Львівська політехніка", Архітектурні дослідження, наукова діяльність, Інститут архітектури та дизайну, наукометричні бази даних.*