



ПАРАДИГМА ВЗАИМОДЕЙСТВИЯ СИБИРСКОЙ НАУЧНОЙ СЕЛЬСКОХОЗЯЙСТВЕННОЙ БИБЛИОТЕКИ И АГРАРНЫХ НАУЧНО-ИССЛЕДОВАТЕЛЬСКИХ И ОБРАЗОВАТЕЛЬНЫХ УЧРЕЖДЕНИЙ СИБИРСКОГО РЕГИОНА

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Рассмотрены основные направления совместной работы научно-исследовательских учреждений (НИУ) сельскохозяйственного профиля Сибирского региона и Сибирской научной сельскохозяйственной библиотеки (СибНСХБ), функционирующих в структуре Сибирского отделения ВАСХНИЛ (Россельхозакадемии) с момента создания в 1969 г. до реорганизационного периода реформирования науки (2013–2021 гг.). Показана специфика библиотечно-информационной деятельности отраслевой ведомственной библиотеки и многоуровневая модель взаимодействия с институтами по удовлетворению информационных потребностей ученых и специалистов аграрных НИУ в дореформенный период. Представлены результаты мониторинга состояния библиотечно-информационной деятельности в институтах, оказавших влияние на развитие новой концепции взаимодействия с НИУ. На основе анализа реорганизационных процессов представлена новая структура научных организаций сельскохозяйственного профиля Сибири. Она является основой разработки новой парадигмы взаимодействия научных коллективов и Сибирской научной сельскохозяйственной библиотеки, в результате реорганизации получившей статус филиала Государственной публичной научно-технической библиотеки Сибирского отделения Российской академии наук (ГПНТБ СО РАН). Проведенный в условиях реформирования и реорганизационных перемен на основе анкетирования анализ показывает новые тенденции расширения спектра интересов ученых к информационному потенциалу СибНСХБ как крупнейшей отраслевой библиотеки региона. В условиях смены управления и разрушения организационно-функциональных связей аграрных НИУ, вошедших в состав региональных центров СО РАН, отмечена ориентация на развитие и усиление коммуникаций с центральными академическими библиотеками регионов и восстановление на новой основе взаимодействия с библиотеками аграрного образования. Определение структуры аграрных НИУ и учреждений образования региона в новых границах ведомственных отношений Министерства сельского хозяйства, Министерства науки и высшего образования позволяет определять СибНСХБ как системообразующее звено. Это даст возможность развивать основные функциональные направления библиотечно-информационной деятельности в Сибирском регионе.

Ключевые слова: научно-исследовательские институты, отраслевые библиотеки, управление, реорганизация, взаимодействие, коммуникации, моделирование взаимосвязей

PARADIGM OF INTERACTION OF THE SIBERIAN SCIENTIFIC AGRICULTURAL LIBRARY AND AGRARIAN RESEARCH AND EDUCATIONAL INSTITUTIONS OF THE SIBERIAN REGION

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The article covers the main directions of joint work of scientific-research institutions (SRI) of agricultural profile in the Siberian region and Siberian Scientific Agricultural Library (SibSAL) functioning within the structure of the Siberian Branch of VASKHNIL (Russian Agricultural Academy) since its establishment in 1969 up to the reorganization period of science reform (2013-2021). The specificity of library and information activity of departmental library and multilevel model of interaction with institutes to satisfy information needs of scientists and specialists of agrarian research institutes in pre-reform period is presented. The results of monitoring the state of library and information activities in the institutes that have influenced the development of the new concept of interaction with SRI are presented. Based on the analysis of reorganization processes, a new structure of scientific organizations of the agricultural profile of Siberia is presented, which is the basis for the development of a new paradigm of interaction between research teams and the Siberian Scientific Agricultural Library, which received the status of a branch of the State Public Scientific and Technical Library of the Siberian Branch of the Russian Academy of Sciences as a result of the reorganization. The analysis carried out in the conditions of reform and reorganization changes on the basis of a questionnaire shows new trends in expanding the range of interests of scientists to the possibilities of the information potential of the SibSAL as the largest branch library in the region. In the context of the change of management and the destruction of organizational and functional ties of agricultural research institutes that have become part of the regional centers of the SB RAS, the orientation to the development and strengthening of communications with the central academic libraries of the regions and the restoration of interaction with libraries of agricultural education on a new basis is noted. The definition of the system structure of agricultural research institutes and educational institutions of the region within the new boundaries of departmental relations of the Ministry of Agriculture, the Ministry of Science and Higher Education will allow establishing the vector of interaction of the SibSAL as a system-forming link. This will enable the development of the main functional areas of library and information activities in the Siberian region.

Keywords: research institutes, branch libraries, management, reorganization, interaction, communications, modeling of relationships

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Конфликт интересов

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Conflict of interest

The authors declare no conflict of interest.

The study of the problems of interaction between research institutions in the sphere of information and library activities as the subject of scientific research of Siberian Scientific Agricultural Library (SibSAL) specialists starts from the period of organization in 1969 in Novosibirsk a large scientific centre of agricultural science of Siberia and the Far East - Siberian Branch of the V. I. Lenin All-Union Academy of Agricultural Sciences (Siberian Branch of VASKhNIL). In 1971 thanks to the initiative of the head and organizer of the SB VASKHNIL (Russian Academy of Agricultural Sciences) academician Irakli Ivanovich Sinyagin the departmental scientific library was organized in its structure. According to the decision of the Presidium of the Siberian Branch of the All-Union Academy of Agricultural Sciences of 20.01.1972 the SibSAL became the centre of library and information bibliographic service of the scientists and specialists of agricultural science and production of Siberia and the Far East and the organizing, scientific-methodical and coordinating centre of the libraries of the agricultural research institutions and educational establishments irrespective of their departmental subordination [1]. Established by the experience of the Siberian Branch of the Russian Academy of Sciences and functioning for half a century, the complex of agricultural research institutes with sectoral departmental library has been a benchmark for the organization of agrarian science. It is regarded by specialists as an effective process of scientific communication, ensuring the integrity and interaction of all elements of the system¹. Further history has shown that the problem of interaction between the participants of this process is not a purely scientific problem, it is closely related to the problem of the relationship between the professional community and all levels of government - from the management of the individual institute to the public authorities².

The SibSAL in the structure of SB VASKH-

NIL (Russian Agricultural Academy) developed under the conditions of the planned economy of the Soviet period in the command-administrative system of management according to the branch and departmental principles. In addition to administrative management by ministries and departments, there was a system of methodological guidance for the country's libraries. Most of the branch scientific departmental libraries, with the exception of the central libraries, had no status of a legal entity, being subordinate to the departmental management within an enterprise or organization. Thanks to one of the advantages of the Soviet period of development of our country, libraries of all branches and departments received professional methodical support and assistance from leading libraries, based on a deep scientific-theoretical basis and generalized practical experience [2].

It was during this period (1965-1979) that Nikolai Semyonovich Kartashov, the prominent scientist of the national library science, the Director of the State Patent Library of the Siberian Branch of the Russian Academy of Science, the author of monographs "The Interaction of Scientific Libraries of the RSFSR" (1975) and "The Formation of Library and Territorial Complexes" (1978), studied the theoretical and practical issues of organizing and functioning of new library systems on the territory of Siberia and the Far East. These theoretical works became the basis for his doctoral thesis "The Interaction of Scientific Libraries (Issues of History and Theory)", defended in 1978 in the Dissertation Council of the V. I. Lenin USSR State Library. N. S. Kartashov substantiated the essence of dialectical contradiction in the activity of libraries in satisfying departmental interests. On one hand, this leads to the maximum coverage of library acquisition boundaries; on the other, due to the permanent funding limitations, to the limited library resources and to the impossibility to satisfy departmental information requests within one library^{3,4}. These profound

¹Susyura D.A. Theoretical foundations of building an effective form of organization of agrarian science. Scientific and technological development of agroindustrial complex: problems and prospects: materials of the XXI International Scientific-Practical Conference "Nikon Readings - 2016". M., 2016. pp. 318-320.

²Mazuritski A.M. Interaction of libraries and authorities under transformation of library management system. Culture: theory and practice. Electronic scientific journal. 06.09.2019.

³Kartashov N.S. Methodological problems of complex resource development. Soviet Library Science. 1986. № 3. pp. 11-22.

⁴Kartashov N.S. Formation of library-territorial complexes. Novosibirsk: Nauka. Siberian Branch, 1978. 240 p.

generalizations formed the basis for nationwide studies: 'The Place and Use of Library Resources in the Country' (1981-1985) and 'The Development of Regional Interdepartmental Interaction of Libraries' (1985-1992). The studies culminated in the development of scientific foundations for the formation of territorial library associations, as well as in the substantiation of a new scientific trend - regional library science.

The SibSAL, within the framework of development of scientific directions of its department, determined the branch content of the collections, character of activities and development of the information system throughout its history until the reform of the Academy. Within the framework of the unified sectoral system of methodological guidance in coordination with the Central Scientific Agricultural Library (CSAL, Moscow), SibSAL received the status of scientific-methodological and coordinating center within the serviced territory of Siberia and the Far East in order to build a model of information provision for the needs of scientists and specialists with maximum disclosure of regional libraries' resources [3]. This determined a special and unique territorial and structural position of SibSAL in the system of scientific and information activities of the Russian Agricultural Academy. On the one hand, SibSAL was peripheral in relation to the CSAL, on the other hand, it remained central in relation to the agricultural libraries other research institutes in the region and was responsible for their preservation and development. It also performed the functions of information and library provision for scientists and specialists of the Institute in the absence of such libraries. Thus, the CSAL and SibSAL rationally distributed professional authority and influence over the libraries of the vast region [4, 5]. These issues and a brief excursus into the history of relations between the SibSAL and the libraries of agricultural research institutes and organizations are covered in detail in the article [6].

The interaction between the SibSAL and the research institutes also made use of administrative resources. In this connection the most urgent problems of library-information activity were strongly discussed at the meetings of

the Presidium, annual report meetings and scientific sessions, where SibSAL reports were periodically heard and decisions were taken as a guide to action for the directors of research institutes. SibSAL proposals on centralization of libraries of the institutes located in Krasnoobsk settlement, introduction of the system of obligatory departmental copying, inclusion in regional research programmes, research and development, coordination of subscription to periodicals, conclusion of agreements on information support of NIU, formation of state tasks for NIU on library services - this is not a complete list of SibSAL initiative projects implemented in practice of research and scientific organizational activities of SRI SB VASKHNIL (Russian Agricultural Academy). It should be noted that during this period the relations between the SibSAL and agrarian higher educational institutions and universities continued to develop on a contractual basis, without including a financial component. The SibSAL has always prioritized students, professors and postgraduates of both Novosibirsk Agrarian University and other regional agrarian higher educational institutions. In return, they provided the library with the works of their scientists.

The principle of constant monitoring of the state of library and information activities in the institutes was the basis for the development of scientific communication between SibSAL and regional SRI, which strengthens the interaction between the parties. In addition to collecting statistical data, generalization and analysis, a questionnaire survey was periodically conducted among libraries, regardless of their place in the structure of the organization, or among specialists responsible for library and information activities in SRI. The survey conducted in 1996, 2006, 2010, 2012, reflecting the dynamics of negative trends, the actual stagnation of activities, further strengthened the specialists of SibSAL to make important decisions on library development and a new concept of interaction with SRI [7, 8]. The concept developed by SibSAL has changed the dogmatic principle, referred to by SRI libraries as "methodological guidance", to "provision of information and advisory assistance" to specialists. It was also aimed at the devel-

opment of new information technologies and complete reorientation of information support to the direct requests and needs of scientists and specialists of the Siberian region's agrarian profile [9].

Before the reform of science in the SB Russian Agricultural Academy, there was a multi-level model of interaction (see Figure 1):

- SibSAL – SB Russian Agricultural Academy Presidium,
- SibSAL – SRI,
- SibSAL – scientist.

Specialists studying the interaction between libraries in the post-Soviet space note a direct link between the changes taking place in all areas of library and information activities in close connection with the reorganization processes taking place in society, culture and science⁵.

The reform of state academies 2013 and subordination of all SRI to the Federal Agency of Scientific Organizations (FASO) disrupted the logical sequence of development of the Siberian region's agrarian SRI activities. By introducing the process of basic statutory activities of SRI in violation of the current poorly funded, but systematic process of scientific and production activities, the reform was the beginning of a serious breakdown in the organizational and functional mechanism of the system of SRI of the agrarian sphere in the Siberian region. The process of reforming determined two fundamental directions of SibSAL activities: reorganization of the library itself as a legal entity and reforming of all the research institutes, formerly belonging to the Russian Agricultural Academy, whose researchers and specialists constituted the main contingent of information users. On the threshold of SibSAL transition to a new status, the Concept of development of Siberian Scientific Agricultural Library was worked out for inclusion in the program of creation of the Federal Information Centre "SPSTL SB RAS - SibSAL", which has not been realized in full measure. The functional areas of the SibSAL, which had no departmental boundaries with the libraries of agricultural research institutes and educational

institutions of the region, have also undergone changes. This was facilitated by the division of departmental subordination of agricultural research institutes and institutions of higher education between different ministries and departments.

Despite the direct involvement in the process of reorganization, the SibSAL, within the framework of the state assignment, conducted scientific research on "Development of information support system for agricultural science and education in Siberia in view of the changes occurring in the economic, scientific and informational sphere". The study of relationships and search for solutions to problems arising from the destruction of the former systemic links and creation of new ones between the SibSAL and SRI in Siberia in modern conditions has been continued. The results have shown that at the time of the study 27 institutions out of 31 Siberian scientific research institutes have been reorganized and included in the five federal research centers. The status of structural subdivision was given to 21 research organizations, six institutions became separate structural subdivisions (branches), and four institutions retained their legal independence. The number of SRI staff decreased by 45% [10].

All agrarian scientific organizations in Siberia are currently subordinated to the Ministry of Science and Higher Education of the Russian Federation. The scientific and methodological guidance of agrarian research institutes is provided by the Joint Scientific Council for Agricultural Sciences of the Siberian Branch of the Russian Academy of Sciences, which functions as the largest integrator and the main expert of research, scientific-educational, experimental and development work in the eastern part of Russia [11, 12].

In the process of science reform and reorganization changes scientific organizations of agricultural profile, formerly subordinate to the RAAS (Russian Academy of Agricultural Sciences), have been formed into four structural forms:

- federal centers - Siberian Federal Research Centre of AgroBioTechnologies of the

⁵ Mazuritski A.M. Interaction of libraries and authorities under transformation of library management system. Culture: theory and practice. Electronic scientific journal. 06.09.2019.

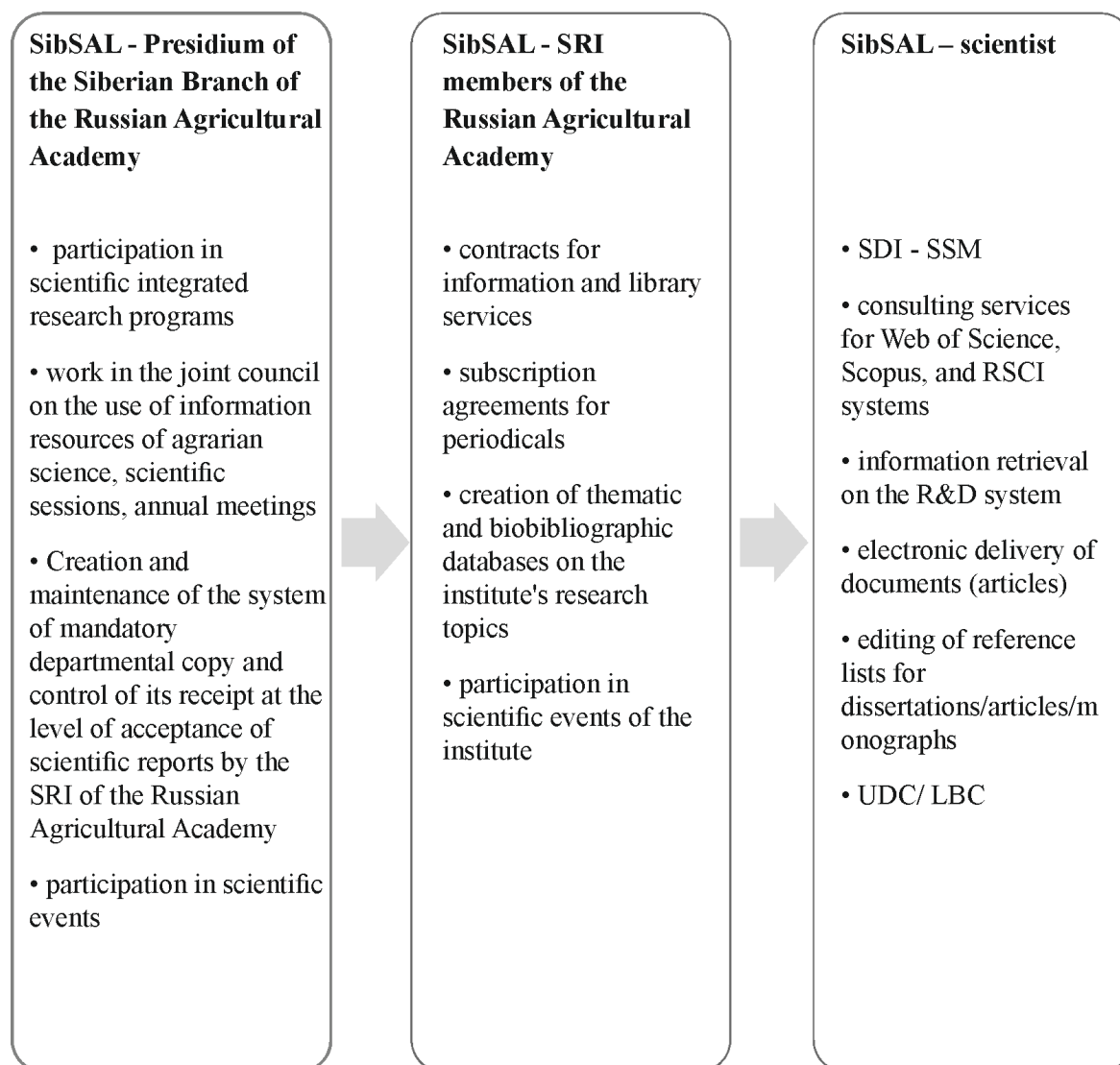


Рис. 1. Модель взаимодействия СибНХСХБ в составе СО Россельхозакадемии до реформы:

ИРИ – избирательное распространение информации, ДОР – дифференцированное обслуживание руководителей, РИНЦ – Российский индекс научного цитирования, УДК – универсальная десятичная классификация, ББК – библиотечно-библиографическая классификация

Fig. 1. Model of interaction of the SibSAL as part of the Siberian Branch of the Russian Agricultural Academy before the reform:

ИРИ (SDI) – selective dissemination of information, ДОР (SSM) – selective service for managers, РИНЦ (RSCI) – Russian Science Citation Index, УДК (UDC) – universal decimal classification, LBC – library and bibliographic classification

Russian Academy of Sciences (consolidation of 11 research institutes of the Siberian Branch of the Russian Academy of Agricultural Sciences (SB RAAS) in Krasnoobsk + branches in Tomsk, Kemerovo, Chita);

– regional-branch centers (by regional-branch thematic (agrarian) profile): Federal Altai scientific center of agrobiotechnologies

(six research institutes of the Russian Academy of Agricultural Sciences are united in Barnaul), and the Omsk Agrarian Scientific Centre (three in Omsk);

– association of newly established centers on the basis of regional centers of the Siberian Branch of the Russian Academy of Sciences (three institutions became part of the

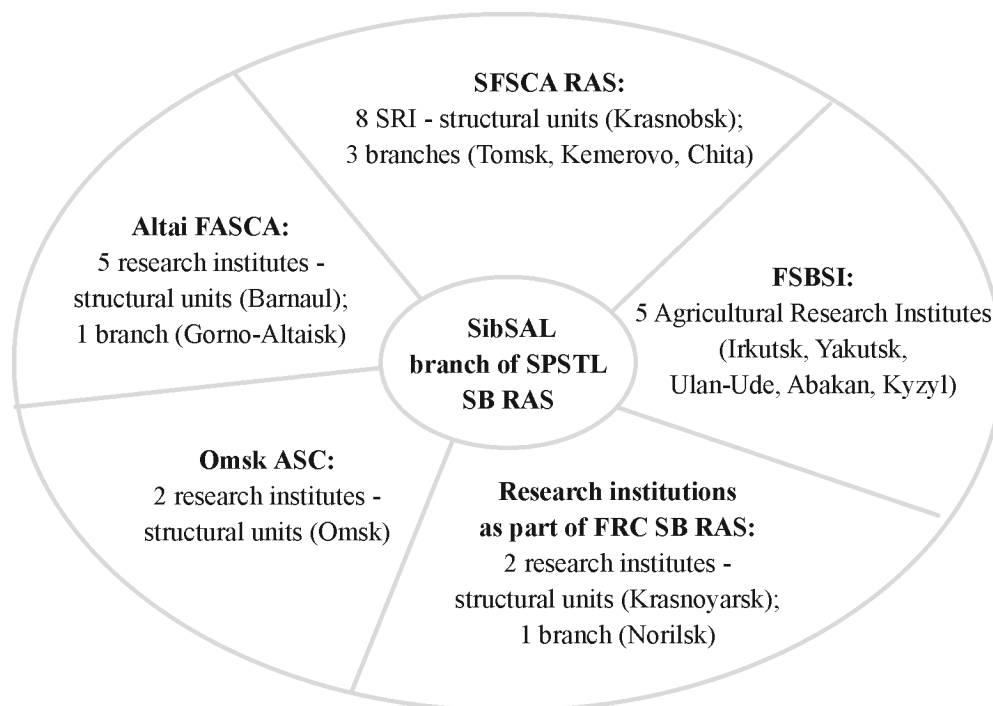


Рис. 2. Научные организации сельскохозяйственного профиля Сибири в зоне информационного обеспечения СибНЦХБ

Fig. 2. Scientific organizations of the agricultural profile of Siberia in the information support zone of the SibSAL

Federal Research Centre "Krasnoyarsk Scientific Centre of the Siberian Branch of the Russian Academy of Sciences", two became part of the Tyumen Scientific Centre, one (the Siberian Research Institute of Plant Growing and Selection) became part of the Federal Research Centre of the Institute of Cytology and Genetics of the Siberian Branch of the Russian Academy of Sciences);

– maintenance of the Federal State Budgetary Scientific Institution Agricultural Research Institute status (Buryatia, Yakutia, Tyva, Khakassia, Irkutsk).

The new structure of scientific organizations of agricultural profile requires the SibSAL to develop a new paradigm of interaction between the library and scientific teams of farmers. At the same time, it should be noted that the reorganization process has not been completed, it is becoming permanent, the reforming continues [13, 14]. Integrating scientific organizations of agricultural profile in Siberia into a single information space, SibSAL has begun to work out the first approaches to modeling the system

development of scientific-information activity at this stage (see fig. 2). Only interaction with newly established centers and the scientific community allows continuous monitoring of changes [15].

The analysis of the questionnaire survey of scientists and specialists of agricultural research institutes, conducted by SibSAL in the conditions of reforming and organizational changes at the turn of 2019, 2020, has shown the expansion of the range of scientists' interests to the possibilities of information potential of the library. It is justified that most of the information needs of specialists are based on the potential of the SibSAL as the largest branch library in the region. But there is also a need to address to the regional, regional and libraries of agrarian higher education institutions [10].

In the scheme of radical change of management and elimination of organizational-functional ties of agrarian research institutes that have become part of regional centers of SB RAS, their reorientation towards the development and strengthening of links with the cen-

tral academic libraries of the regions, as well as restoration of interaction with the libraries of agrarian education on a new basis is evident.

Defining the systemic structure of agrarian research institutes and educational institutions of the region within the new boundaries of departmental relations between the Ministry of Agriculture, the Ministry of Science and Higher Education will allow to establish the vector of interaction between the SibSAL as a backbone link and on this basis to build library and information activity in the Siberian region.

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