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« Arctic-Fund » – is the territory of dialogue

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Abstract

In this article, according to the example with the scientific-educational project 'Arctic Fund' was presented the activity of the Research Library of the NArFU in the sphere of creating of a united information space, according to the main spheres, which are reflected the national interests of Russia in the Arctic.

Keywords: *Arctic vector of the development, educational model, Scientific Library of the University, research and educational portal.*

The modern society requires a new look at how to work with sources and carriers of information, and also at the model of the University Library. The strategic goal of the Research Library of NArFU named after M. V. Lomonosov – is the formation of a single interactive information environment, efficiently and proactively responding to the growing needs of the reader, the development of the library functions as a full participant in the educational and research activities, the center of the educational, scientific, social and cultural life of the University and the region. Libraries and universities are interrelated and determine the conditions of each other: The Modern Library is a catalyst for the development of the University and its transformation into a leading world-class university, which in turn determines their needs and it form the further development of the library.

The formation of the new model library is in the direction of NArFU named after M. V. Lomonosov is creating by the following interrelated vectors of the development: scientific, educational, and local history of the Arctic, cultural, educational, and social. Arctic, homeland vector plays an important political role and focuses on the formation and the development of the Information resources related to the study of the Arctic, and also includes the formation and study of the foundations of teachers of NArFU named after M. V. Lomonosov, scientists and local historians.

The Arctic plays an increasing role in the life of the Arctic states themselves, and the world community as a whole. "The Arctic region is intended to be as the platform for combining forces for a genuine partnership in the economy, security, science, education, and in the conservation of cultural heritage of the North", - said Putin at the International Forum "The Arctic - Territory of Dialogue" September 23, 2010 [1].

To creating the mechanisms of accumulation and the mechanisms of creating the maximum availability and transparency of information about the historical and cultural heritage, the development and implementation of fundamental and applied research in the practice of management, innovation in the Arctic, as well as preservation of the Arctic as a zone of peace and cooperation - the main goal of Russia's policy in the Arctic, as reflected in the "Principles of State policy of the Russian Federation in the Arctic for the period up to 2020 and beyond", approved by President Dmitry Medvedev, 18 September 2008. According to the document, the foundation for the generation and dissemination of knowledge should be the creation of an innovative infrastructure to support the implementation of methods of informing the public on priority areas for the policy in the Arctic region.

In May 2011, NArFU named after M. V. Lomonosov, as a participant in the formation of a union information space dedicated to the Arctic, performed the idea of the development of the "Arctic-fund."

The aim of the project – is the accumulation, classification of information resources, public access to the accumulated knowledge of life in the Arctic region of the Russian Federation in the context of the main directions, reflecting Russia's national interests in the Arctic.

The Scientific Project Manager – is Anatoly Ivanovich Smirnov, President of the National Institute of Global Security (NIIGloB), member of the Presidium of the Academy of Natural Sciences, doctor of Historical Sciences, Professor, Extraordinary and Plenipotentiary Ambassador of the Russian Federation in Norway.

The realization of the project was taken by the Scientific Library of the University.

In the future, "Arctic Fund" should become a union scientific and educational platform of interaction of the Arctic Region. The project tasks are:

- ✚ The creation of the unique informative fund, which includes following components:
 - a) The collection of full-text documents on the Arctic issues (books, archival materials, research papers, research reports, conference papers, PhD and doctoral theses, expeditions, etc.);
 - b) The collection of multimedia (video, audio, photos);
 - c) Thematically and bibliographic databases in the main areas of the project, comprising a structured description of the stored information, the distributed on the main topics;
- ✚ systematization of information according to the main target areas of the project, and if necessary, it translated into digital form;
- ✚ preservation, and the centralized storage of large amounts of information;
- ✚ the development of multi-language research, information and research source as a means of concurrent access to the main areas of structured project information;
- ✚ Development of the friendly navigation and search for information on the resource, based on the algorithm of intelligent search queries, providing high accuracy of this information and does not require the user to a good knowledge of the subject of research;
- ✚ providing access to electronic copies of the documents and materials held in libraries, museums, archives, the Barents Euro-Arctic Council and not previously available to a wide audience;

✚ a scientific social network profile, serving as a means of communication the world scientific community in various areas of the Arctic issues; create a virtual Training Center is integrated into distance education.

The first stage is finished, during which was formed by a core component of the project. Its basis was the collection of the library literature in the languages of the Nordic NArFU named after M. V. Lomonosov. Today is:

- identified agencies and organizations, leading to the development of Arctic issues;
- conducted to select the most relevant information on various data carriers for profile subjects (books, periodicals, maps, summaries of dissertations, visual materials, etc.), in libraries, museums and archives, the Barents Euro-Arctic Region;
- a gradual digitize of the most important objects of scientific information collections library of NArFU and the partner organizations of the project in the Barents Euro-Arctic Region;
- Developed and successfully tested a basic functional information-analytical portal "Arctic Fund", built on SharePoint 2010 and integrated with the automated information system IRBIS.
- Portal information is available around the clock domains in arctic-fund.ru and Arctic fond.rf;
- formed and approved by the main thematic sections "Infology of the Arctic", which is reflected on the web portal;
- implemented a system of full text search in content site;
- by updating the portal employee NArFU, constantly updated electronic catalog;
- designed and implemented a mechanism for the provision of electronic library resources, which, according to the signed license agreements, can only be placed in the local access;
- it is working to promote the portal of teachers and students of the university and attract sponsors to supplement the content, the staff ECHZ exercise training on working with materials portal;
- Portal is presented at international scientific conferences;
- regularly (at least three times a week) updated section of the portal "News"

Works are carried out in a professional manner. The project involves leading experts of the library.

Formation of the portal content "Arctic Fund" is both retrospective and contemporary publications. Authors are invited to enter into a license agreement with the transfer of exclusive or non-exclusive rights to the work for a fee, as well as cost.

The Section "Infology of the Arctic" supervises by the scientists of NArFU leading experts in various fields. Each of the subsections preceded brief information and analytical information on the relevant issue.

To all the full-text documents in the Library is made an identification record by the specialist. It includes the following: "author", "title", "output", "core content", "abstract." Made organizing documents with tables of subject classification, subject headings. Enter keywords that reflect the content of the document.

Portal database is indexed in all major search bases, so you can quickly find the information regardless of whether the user is drawn directly to the portal or not.

The Search in the online catalog is a portal for all content, and in its thematic sections. By making a request to the relevant requirements, we can make a full-text search across all documents available in the database or to limit the content of bibliographic descriptions. The system allows the user to see the names used in the query terms used by the author of each work. Full texts are provided with a special software platform (Silverlight), including a browser plug-in, in accordance with a license agreement for the right to use the works in formats. Pdf or. Doc.

The rapid reporting allows us to see the photos and video of the Arctic expeditions, regional and international forums and conferences. The portal requires Russian and English versions.

These characteristics distinguish the portal "Arctic Fund" from other information products, which can be found in the Internet.

Directly from the portal, with the support of JSC "Lanit" a working group of library staff of humanitarian and natural science literature. The manager of the project "Arctic Fund" is the Deputy Director of the Department of Information and Library Development of NArFU - L.A Morschiina.

We invite individuals and organizations - holders of content on the Arctic issues to participate in the project "Arctic Fund".

NArFU suggests:

- ✓ conclude a cooperation agreement, designed to support the mutual interests of the participants;
- ✓ make digitization of the funds or get an electronic copy of the documents on the basis of a license agreement;
- ✓ create a section of the partner organization in the portal "Arctic Fund";
- ✓ integrate resources in distance education;
- ✓ organize and conduct joint activities aimed at promoting the activities of the partner organizations.



The development of the project is planned on 2012–2014. And the "Arctic Fund" will progress in accordance with the decision of the tasks set by the designers.

We believe that a comprehensive approach to the implementation of the project will have significant scientific, educational, political, economic and social benefits for the development of the capacity of the University of the Arctic Region and the world at large.

Literature:

1. The web site of the prime Minister of the Russian Federation V. V. Putin [Electronic resource]. URL: <http://government.ru/docs/12304/> (Date of access: 07.08.2012).

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