Editorial

Strategic Transformation of Special Libraries

Under the shocks of digitalization and networking, National Science Library of the Chinese Academy of Sciences (NSLC) has executed the transformation strategy for knowledge-based services, and fully pushed forward the literature information services of NSLC. Supervised by the Chinese Academy of Sciences (CAS), NSLC has established the Literature and Information Branch of Chinese Alliance of Academy of Sciences (CAAS) to provide or deliver the literature and information services for the provincial academy of sciences, national high-tech and new-tech development zones, professional industrial zones, and enterprises of high and new technology. By means of this, NSLC could provide the support for the regional economic development and R&D in enterprises.

In 2010, NSLC made the decision to reform its Literature Service Department. Based on the literature delivery services, it started to organize the information literacy training, searching and novelty assessment training, and industrial technology intelligence service; and started to release industrial technology layout and negotiate meetings of new technology commercialization and venture capitals, and to offer entrepreneurship trainings, etc. In order to further expand the literature service for R&D, NSLC set up the Regional Information Service Department (RISD) to explore the intelligence service for supporting the regional development strategy, enterprise R&D, open innovation, and mass entrepreneurship.

With the rapid development of scientometrics, webmetrics, bibliometrics, patent metrics, text tech-mining, technology topics and theme monitoring, and visualization tools, S&T libraries could provide the services of technology trends tracing and emerging technology monitoring for the regional development strategy, industrial technology consulting, technology innovation and enterprise start-up. Before implementing the services, special libraries need to construct the framework for the service or consulting, and establish the methodology for the technology intelligence, and carefully consider the following issues, which include:

- how to establish the analytic frameworks or models for technology intelligence based on the scientometrics, bibliometrics, and patent metrics;
- how to apply those frameworks or models into the regional development consulting services, industrial technology assessment, and industrial technology strategy;
- how to construct the schema based on the big data analytic methods while tracing the industrial technology trend, comparing core technologies, and monitoring technology competitors;
- how to combine the industrial technology intelligence analysis of libraries with the enterprise R&D intelligence needs; and
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- how to transfer the tactic technology intelligence analysis into the services of special libraries for technology assessment or consulting in enterprises.

For the past three to four years, the NSLC has operated the Service for the Regional Economic Development (SRED) to explore the models and methods, and tried to apply the scientometrics related methods, models, and tools into our practice of industrial technology intelligence services, and this has enriched the connotation of knowledge-based services for industrial technology intelligence and technology consulting.

The Special Topics “Strategic Transformation of Special Libraries” include four papers, which have summarized our experience on the SRED and related services for the technological innovation and entrepreneurship from four facets, such as regional economic development, literature and information services for provincial academies of sciences, competitiveness evaluation of provincial academies of sciences, and the services and platform for the early-projects of technological innovation and entrepreneurship. We hope the devoted papers could provide insights into the transformation and explorations of knowledge-based services in special libraries under the environment of the big-data and informatics.

The first paper, Services for the regional economic development (SRED) by special libraries, has testified that the SRED should be the basic direction of special library services. The second paper, Exploration of a new service model of document and information sharing among consortium, has summarized the innovative approach to the sharing of documents and information among the members of CAAS and extended the NSLC service from basic literature providing to subject information analysis. The third paper, A new assessment approach of S&T competitiveness of China’s provincial academy of sciences, has established a new framework for the evaluation of S&T competitiveness of provincial academy of sciences. The fourth paper, Information service platform for science and technology innovation and entrepreneurship, has summarized the practice of information services for innovation and entrepreneurship of the NSLC, and described the features of S&T Innovation and Entrepreneurship Information Service Platform. In this issue, we would like to share our experience of the first and fourth papers, and the other two will be continued in the next Issue of CJLIS, 2015.

All content of the papers is based on the practice and service workflows of the RISD of the NSLC. Contributors are more than the authors mentioned in the papers. Thanks also go to those colleagues or specialists from the CAAS, who have either prepared the practical cases or technology intelligence reports, participated in the discussions of the SRED model, prepared the data for the intelligence reports, or provided the helps for service activities.

Invited Editor

Prof. Xiwen LIU (刘细文)
Vice-Director of National Science Library
Chinese Academy of Sciences
E-mail: Liuxw@mail.las.ac.cn
Submission Guidelines

♦ Aims
Chinese Journal of Library and Information Science (CJLIS), being sponsored by the Chinese Academy of Sciences (CAS) and published quarterly by the National Science Library of CAS, is a scholarly journal in the field of library and information science (LIS). Its aim is to provide an international communication link between researchers, educators, administrators, and information professionals.

With the publication of the research results both from China and from other foreign countries, the Journal CJLIS strikes a balance between theory and practice. With its goal to provide an open forum for Chinese and international scholars in this field to exchange their research results, CJLIS also offers new possibilities in the advancement of Chinese library operations. The CJLIS tries to establish a platform for LIS students, researchers and library staff all over the world to engage in intellectual dialog and also to improve library services so as to promote even more quickened and substantial development of LIS in China.

♦ Scope
Striving toward academic excellence, innovation, and practicality, the CJLIS mainly includes research papers both on the theoretical as well as on the practical fronts in all aspects of the field. More specifically, it includes but not limited to informatics, library management, information technology application, knowledge organization system, knowledge management, archives, permanent preservation of library resources, LIS education, and so on.

♦ Refereeing Process
Articles and papers covering the topics or themes mentioned above will be refereed through a double-blind peer review process.

♦ Editorial Advisory Board
The Editorial Board is composed of the nationally and internationally well-known scholars and researchers in the LIS field and the high quality of this Journal is thus reasonably assured.

♦ Manuscripts Categories
As the first English-language academic journal on LIS published in Mainland China, the CJLIS will take a proactive attitude to trace and report the prevailing hot issues in the field around the globe as well as the more serious scholarly communications. As such, the submitted manuscripts are classified into constant categories and unfixed categories. In the former category, research papers, library practice and progress reports are the essential components. In the latter, book reviews, biographical sketches, anecdotes, reminiscence of prominent librarians and brief communications will appear occasionally.

Research papers represent original research work or a comprehensive and in-depth analysis of a topic. More than 3,000 words are considered as a proper length for such manuscripts, with a structured abstract ca. 200 words.

Library practice covers the latest development and application in any segment of library field work and information service. The length of the manuscript is preferred to be more than 3,000 words, with a structured abstract ca. 200 words.

Progress reports reflect the projects result or research progress on the key topics of the library and information science. Submissions of articles to this section are expected to be comprehensive and analytical, which may deepen the understanding of the discussed issue and stimulate further researches on the topics, or give a new perspective on future technological applications. The manuscript length should be within 5,000 words, with a structured abstract ca. 200 words.

♦ Manuscripts Requirements
All papers can be submitted either in English or in Chinese (or both) with a double-line space. For the assurance that all the materials of the to-be-submitted are included, please check the following:

Title. Please give a brief biographical introduction to all contributing authors and their research background on a separated paper. For a better organization of the paper, please use the headings and subheadings.

Authors and affiliations. Please do not forget to write down the mailing address of each and every article contributor.

References. Be sure all the references used should be cited properly in both in-text and in bibliography. Particular attention should be paid to the proceedings. Do not forget adding the name(s) of editors of the compilation, as well as the name of the publishers. For the detailed information, please request a copy of Reference Citation Format.

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All submitted papers normally should not have been previously published nor be currently under consideration for publication elsewhere. For all the materials translated or obtained from other published resources, they should be properly acknowledged. All copyright problems should be cleared without any legal entanglements prior to the publication.

♦ Notes for Intending Submissions
A guide for authors and other relevant information, including submitting papers online, is available at the website of the Editorial Office of the CJLIS (http://www.chinalibraries.net). For any questions, you can e-mail the Office or directly to:

Prof. ZHANG Xiaolin
Editor-in-Chief of CJLIS
The CJLIS Editorial Office
National Science Library, Chinese Academy of Sciences
No.33 Beishuan Xilu, Zhongguancun, Haidian District, Beijing 100190, P.R. China
Tel: 86-10-82624454 or 86-10-82626611 ext. 6628
Fax: 86-10-82624454
E-mail: chinalibraries@mail.las.ac.cn
Website: http://www.chinalibraries.net

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