



Liu Xiwen: male, doctor of management science, researcher, deputy director of National Science Library, Chinese Academy of Sciences, professor at the university of the Chinese Academy of Sciences, teaching the master course of *modern information science theory and method*. He studied further in Policy Research in Engineering, Science and Technology (PREST), Manchester University, school of business administration, Manchester university in 2004. At present, he mainly holds the following positions: deputy secretary general of China library society, member of library science and education

professional committee, secretary general of professional library branch; Standing member of IFLA library science theory research industry committee (2013-2017); Chief supervisor of Beijing science and technology information society. He is also a member of academic degree committee, literature and information center, Chinese Academy of Sciences. Chief editor of *Think Tank: Theory & Practice*, deputy chief editor of *Science Focus*. In the past five years, as the main member, he has undertaken and participated in more than 10 scientific research projects including national natural science foundation in China, special research project on innovative methods of the Ministry of Science and Technology, Chinese Academy of Sciences, and published more than 80 papers. The main research fields are: science and technology policy, technology innovation management, scientometrics, industry competitive intelligence, technology assessment, technology competitive intelligence, etc.

Information science theory and method (industry competitive intelligence) direction focuses on industry development strategy, enterprise strategy consulting, industry technology assessment, technology competitive intelligence services and other aspects of research. Industrial competition, industrial innovation and industrial transformation are interdisciplinary theoretical and practical problems in scientific research management, economic management, innovation management and public management. This research direction explores the application of knowledge management theory, technology innovation management and competition management theory in industry development strategy research, industry technology trend research, technology industrialization research and technology competition intelligence service. This research direction also researches industry competitive intelligence system, enterprise competitive intelligence system, competitive intelligence system construction and service, combine the information service of technological chain (the technical forecast, technology assessment and technology selection) and the product value chain of industry competition strategy, market strategy, product development, development of new technology, digs new approach of organizational intelligence research and consulting services; studies the relationship between open technology innovation and open information resources, and explores new ways for information consulting service institutions to participate in innovation and entrepreneurship services; This research direction studies the relationship between consulting services (industrial innovation, technological innovation and enterprise management) and intelligence research, and explores the theory and method of transforming document information institutions into think tanks.

E-mail: liuxw@mail.las.ac.cn