



Wu Zhenxin, female, born in 1968.

1987-1991 Bachelor Computer Science Engineering, Beijing Institute of Technology, China

2004-2008 Master Graduate School of Chinese Academy of Sciences, China

1991-Present, Research Librarian National Science Library , Chinese Academy of Sciences, China

2005 Senior Visiting Scholar School of Information, University of Edinburgh, and National Digital Resource Conservation Center (DCC),UK

In recent years, She has participated in research and development work projects such as the National Natural Science Foundation of China, The National Social Science Fund of China, the Chinese Academy of Sciences, the Ministry of Science and Technology, the National Science Digital Library . Currently hosting and participating in research topics include: the "National Digital Science and Technology Literature resources long-term preservation system" project of the Ministry of Science and Technology, the Distributed Big Data Convergence and Quality Control Center of the Chinese Academy of Sciences, the Distributed Resource Conservation Center and backup system of CAS, the Ministry of Science and Technology "semantic intelligent search key technology research and application" project. He has presided over and participated in the "Digital Resource Long-Term Preservation Service System" of the Innovation Project of the Chinese Academy of Sciences, the "International Network Information Preservation of Important Scientific Research Institutions" and the "Integrated Visual Knowledge Retrieval Service Platform Construction" of the Chinese Academy of Sciences, and the Key Projects of the 12th Five-Year National Science and Technology Support Program Knowledge group for foreign literature information Weaving system construction and application demonstration" topic five. Focus on the long-term preservation of digital resources (including Web Archive), big data quality control and big data management, knowledge technology and knowledge services and other areas of development. More than 100 academic papers have been published.

**Research direction:** organization, management, long-term preservation, and reuse of digital resources. The development of information technology caused the explosion of data and information, Data is growing and accumulating at an unprecedented speed, the emergence of big data has caused great changes in people's way of thinking, industry development, wisdom and strategic, its important driving force for reuse value for social development has been widely recognized, data has become a basic resources for national strategies. The strategic significance of big data is not to store huge data information, but to carry out intelligent processing and professional storage management of these meaningful data, from which valuable information can be analyzed and unearthed, and the "value added" of data is further realized through "management and processing" behavior.

This direction will cover the fields of library science, information science, computer science, etc. The main research contents include research on the collection, organization, storage, management, long-term preservation and reuse of digital resources in the digital library environment by using computer technology, focusing on the technology and methods of long-term preservation and management of digital resources.

**Scientific Research Achievements:** As the second author, he participated in the publication of a monograph, 《 Research and Practice of Long-Term Conservation Technology of Digital

Resources》, National Library Press, 2015.12.

He has published more than 100 academic papers.

Personal academic website: <http://ir.las.ac.cn/wuzx-mail.las.ac.cn>.

**E-mail:** [wuzx@mail.las.ac.cn](mailto:wuzx@mail.las.ac.cn)