

A conceptual image featuring a hand holding a small green plant with soil, symbolizing growth and care. In the background, a satellite is visible against a light, hazy sky, representing technology and global connectivity. The overall tone is soft and optimistic.

Knowledge Repositories

Collaborative Construction and Sharing of Chinese Agricultural and Standard Scitech Data Platform

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ABSTRACT

Guided by the strategies and principles of the construction of national scitech information resource sharing platform program, the Chinese Agricultural Scitech Data Platform (CASDP) and the National Standard Document Sharing (NSDSP) Platform have been constructed and developed smoothly by using ICT technologies, which are two of the largest programmes from Ministry of Science and Technology of China. Having built for several years, the CASDP and NSDSP Platforms have been developing as the national scitech data repositories serving researchers and managers all over the country. This paper describes mainly the principles and regulations of the CASDP and NSDSP Platforms construction, their data resources scope and formats, ICT technologies and systems implemented, as well as the services they provided. The future development foreground, strategies and measures for improving the CASDP and NSDSP Platforms maintaince, availability and accessibility are also introduced.

Keywords: collaborative construction, data sharing platform, ITC technology, knowledge repository, network services