

Scientific Data Sharing Progress and its New Features in China

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Since 9 World Data Centers was established in China in 1988, China launched Scientific Data Sharing Program in 2002 and National Science and Technology Infrastructure in 2005. China put forward data sharing greatly in 2009. The paper reviewed China scientific data sharing progress and 9 WDCs' development in the new World Data System. These progress covers data sharing policy, data sharing specifications and rules, data resources accumulation, data sharing platform development, data sharing services and their social benefits. Some new features of China scientific data sharing was introduced and analyzed in the paper. First of all is the data sharing model revolution feature. Some data sharing funding mechanism will be transferred from project support style to long term infrastructure support style. Secondly, some national funding science and technology research program data have been achieved and shared in China. Thirdly, with the development of e-Science, scientific data sharing has more close relation with science research..