

***Impact of Changes in the Publishing Industry on the Cold Regions Bibliography
Project:
Are We Really More Efficient?***

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Major changes have swept through the publishing industry since 2000 when the American Geological Institute began compiling the *Antarctic Bibliography* and the *Bibliography on Cold Regions Science and Technology*. Publications were typically available in print and were distributed through traditional channels such as libraries and information centers. The Internet was beginning to have an impact on publishing, but the electronic journal was not very common and e-books were nonexistent. When conference proceedings were distributed electronically it was via temporary web sites and on CD-ROMs. Government reports were occasionally available online, but frequently disappeared or were of poor quality. These were occasionally available in electronic form, but the vast majority could only be located via large collections like University Microfilms.

In today's publishing model electronic journals are the norm, e-books have gained acceptance, and government agencies regularly make their publications openly available. Other changes include digital institutional repositories, the open-access movement and self-posting by authors. Each development has necessitated changes in the day-to-day process of compiling the Bibliographies. Bibliographic information now frequently arrives already in electronic form. The addition of DOIs and URLs, implementation of link-checking procedures, utilization of automated alerts, push/pull of publisher metadata, and establishment of author web services are all new aspects of bibliography production. The effort expended adapting to new publishing environments has been significant – with no end in sight.