

## ABSTRACT

Thesis Title : Resource Sharing of Scientific and Technological Journals  
among Public University Libraries

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The objective of this study was two folds: 1) to investigate problems in usage and providing resource sharing of scientific and technological journals among Thai public university libraries. 2) to survey attitudes of the library executives as well as the librarians toward the resource sharing programs in order to bring the research findings into practice for the benefits of the users. 58 of questionnaires were distributed to libraries' executives, librarians and documentalists to collect data.

The research revealed that most of the users were students and lecturers. They preferred to obtain information from original printed issues and in CD-ROM format. Tools used to search for journals mostly were Union List of Serials in Thailand and online access via Journal Link. For document delivery service, most of the libraries use ordinary mail. Most librarians would refer to other public academic libraries unless they have specific journals in their collections. The most wanted-journals were

three years current issues and in the field of biology and computer sciences. Regarding attitudes of the libraries' executives and librarians kind of the study indicated that most of the libraries would subscribe to journals, in any format, that related to their core curriculum. In order to avoid repetition of subscription and saving budget. The libraries would not subscribe to journals that other libraries already subscribed. They also considered that posting contents of subscribed journals in library's home pages was quite convenient for activities of library public relations.

Problems were found that (1) most of the users were unaware of rules and regulations in using inter-library loan services, as well as quality of photocopying, (2) a large number of libraries lacked of librarians who had skills and literacy of information technology in providing inter library loan services.