

ISSUES AND TRENDS IN LIBRARY AND INFORMATION SCIENCE

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Research Management Centre
INTERNATIONAL ISLAMIC UNIVERSITY MALAYSIA



**ISSUES AND TRENDS IN LIBRARY AND
INFORMATION SCIENCE**

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CHAPTER ONE

PARALLEL CORPORA ISSUES IN S&T COLLECTIONS

ROSLINA OTHMAN

S&T collections range from *The History of Science and Technology Collection (HSTC)* at the University of Wisconsin's Digital Collections (UWDC)¹ and United Nations Commission on Science and Technology for Development (OSTI)² to journal collections provided by *Ebscohost*, *ProQuest*, *ACM* and *IEEE* among others to patent collections at the USPTO, WIPO, EPO, IPO, JPO and GCCPO. UWDC has classical and contemporary works and writings dating back to the 15th century. The collections at OSTI consist of scientific papers and reports published from the research projects funded by the Department of Energy in the United States, which include the semantic search systems: *ScienceAccelerator.gov*, *Science.gov* and *WorldWideScience.org* containing information from over 70 countries. The journal collections are huge in size and widely available at academic and research institutions worldwide. In some cases, resources are shared as a consortium. The details for patent application and filing include the data on patent family, and thus each patent filed in the country of the inventor and another country must declare the multiple applications in both countries. These patents are mostly multilingual in nature, such as English and Japanese. Even patents without families have an English abstract such as the Arabic patents.