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## Measuring the Capacity and Use of Collections library and its Interaction with Teaching and Research at the EARTH University.

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This paper present the progress of the results of the first phase of research on development of collections being done in the Library of the University EARTH (Costa Rica), whose main hypothesis is to demonstrate that the interaction of teaching and learning processes and research collections, are observable and measurable from the library. The method used, "focused on materials," is based on citation analysis and the study of uses, with input from indicators that have facilitated the analysis and interpretation of results, which will contrast it with other studies. The findings presented a check of the assumptions made in terms of capacity and use of physical and electronic collections, and new methodological contributions of the scientific analysis in the area of knowledge in serving the Library W. K. Kellogg.

**Key Words:** Academic Library; University libraries / Collections development / E-Collections Building / Evaluation of collections / Bibliometric/ Indicators