Contributions of Knowledge Management Tools Applied To Sustainability Based on a Systematic Review of Literature

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Abstract

This research aims to raise the contributions of knowledge management tools for advancing sustainability, from technology studies. We used the systematic review method to collect and analyze technology studies available in the databases ISI Web of Knowledge and Scopus, in all the years available until May 2010. The results present descriptive analyzes of technological studies regarding the application area, the main aspects of the problem situation and the proposed solutions. Also highlighted they are the main features found in the proposed solutions, such as scope, approach, ability to integrate knowledge, among others. The article discusses the contributions and limitations of the systematic review, the connection between knowledge management and knowledge engineering, and managerial implications.

Keywords: knowledge management, sustainable development, sustainability, knowledge management tools.