



Evaluation of management level of water conservancy construction supervision unit based on variable weight fuzzy theory

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Received 22 October 2018; Accepted 15 January 2019

ABSTRACT

This paper establishes an evaluation index system for the management level of water conservancy construction supervision units. For the problem that the analytic hierarchy process (AHP) cannot provide more reasonable weights, the idea of variable weight processing is introduced. Variable weight processing is based on the AHP to determine the constant weight vector of evaluation indexes. This paper studies the evaluation of the management level of water conservancy construction supervision units based on the variable weight fuzzy theory, and finally proves the rationality and effectiveness of the method with examples.

Keywords: Evaluation index; Variable weight; Fuzzy theory; Management level

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