

Use of fuzzy logic for decision making at capital budgeting, new attitude to resources sustainable allocation

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Abstract

One of very important problems for the companies & trading units is decision making about projects & capital programs that always because of influence & important of them at companies future activity , there is worry for leaders & managers about results of these decisions.

Because of main purpose of these project are sustainable allocation to the best & the desirable accessible alternatives and really, basic worry about these projects is bad & unsustainable allocation of huge part of a company's assets & capital.

In the ambiguity and fuzzy economic environment, award of experts about return and cash flows of accessible projects instead have been accidental state, they have very ambiguity state. Returns and annual net cash flows of investment predict by related experts. Fuzzy variables able to solve problems of these parameters. In this paper, capital budgeting problem investigate and present in the fuzzy attitude instead traditional attitude, that very close to real world condition.

Key words: Decision making, Sources sustainable allocation, Fuzzy logic, Capital budgeting.

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