

## عنوان مقاله:

Simulation and optimization of oil storage system: the case of Karaj oil depot

## محل انتشار:

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## خلاصه مقاله:

in this paper, Karaj oil depot, which provides different services in the field of fuel, is investigated. The company management is seeking a way to reduce the tanker's waiting time in the queue in order to increase efficiency. To do so, the queue system is simulated via ED software tool. After validating the model, three different scenarios are presented to enhance the performance of the system. Since each situation has a different outcome in terms of cost and waiting time, a MADM approach called TOPSIS is employed to prioritize scenarios and identify the best one.

## کلمات کلیدی:

.Simulation based on optimization, Enterprise Dynamics, queue system, fuel storage

## لینک ثابت مقاله در پایگاه سیویلیکا:

<https://civilica.com/doc/932479>

