

عنوان مقاله:

Robust possibilistic programming for pollution-routing problem with flexible time-window constraint

محل انتشار:

اولین کنفرانس بین المللی بهینه سازی سیستم ها و مدیریت کسب و کار (سال: 1396)

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خلاصه مقاله:

The transport sector is the largest consumer of energy, chiefly in form of oil products. Thus, maintaining efficiency while considering increasingly environmental concerns of transport systems has become a challenging objective in the past years. This paper addresses the environmental impacts of CO₂ emissions in vehicle routing problem under demand uncertainty and time window flexibility by proposing a robust possibilistic programming model. The model was tested to demonstrate the advantages of the robust technique and time window flexibility in terms of providing reliable and environmentally friendly solutions. Finally, an analysis is conducted to evaluate and develop managerial implications

کلمات کلیدی:

Green vehicle routing; Robust optimization; Flexible programming

لینک ثابت مقاله در پایگاه سیویلیکا:

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