

عنوان مقاله:

providing a systematic model for determining effective factors on grain-based biofuel production as a renewable energy resource in iran

محل انتشار:

نهمین همایش علمی تخصصی انرژی های تجدید پذیر، پاک و کارآمد (سال: 1395)

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خلاصه مقاله:

This study deals with the modeling of the grain-based biofuel production in Iran in order to forecast future projections based on rural economic development and food and crop productions variables that have consideration impact on rural income, using regression analyses and genetic algorithms (GA). The results show that regression predicted the grain-based biofuel production better than GA and also grain-based biofuel production in Iran increase in the future. Moreover increasing biofuel production could cause decrease in food production and higher prices of food. To cope with this problem government in Iran must be done prediction operations

کلمات کلیدی:

grain-based biofuel production, Regression model, Genetic algorithm

لینک ثابت مقاله در پایگاه سیویلیکا:

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