

## عنوان مقاله:

(Assessing the Reclamation and Destruction of Vegetation Using RemoteSensing (Case Study: Tehran Province

## محل انتشار:

کنفرانس بین المللی جامعه و محیط زیست (سال: 1397)

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## خلاصه مقاله:

Today, the production of vegetation maps is one of the resources that can be used to monitor changes in natural resources and destroy these resources. Remote sensing science is one of the sciences that can be used to produce vegetation maps based on it. In this research, the trend of vegetation changes in Tehran province has been studied using the NDVI index. To do this, the trend of the NDVI changes obtained from the MOD13Q1 Modis sensor during 2001-2017 was calculated by using the Mann-Kendall test on the Earth Trends Modeler TERRSET software. The results showed that vegetation changes in the western and southwest parts of Tehran province have a destructive trend and in the east, northeast, and parts of the capital of the Tehran province there have a Reclamation trend. Of course, for accurate examination of this issue, the impact of climate, especially rainfall and land use change, should be considered on changes in the area of different vegetation classes. It should be noted that rainfall is one of the most important factors affecting vegetation, Fluctuation and change from year to year to rainfall will always affect .vegetation

## کلمات کلیدی:

Vegetation, NDVI, Mann-Kendall, Changing Trend, Tehran Province

## لینک ثابت مقاله در پایگاه سیویلیکا:

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