

## عنوان مقاله:

Modeling Spatial and Temporal Changes in Water Resources Quality by Cultivating a Variety of Agricultural Products

## محل انتشار:

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## خلاصه مقاله:

Groundwater resources are considered as the main and most important sources of drinking water, agriculture and industry. It is necessary to study the quality change and decline in the balance of these resources as a result of improper drawing, inappropriate temporal and spatial distribution of water resources in Iran and low irrigation efficiency in agriculture, has made water the most limiting factor of production in agriculture. In the present study, the fields under cultivation with various crops were studied in terms of the effect of cultivating different plants on groundwater resources in the lands of Moghan Agriculture, Industry and Animal Husbandry Company at different time period according to the type of crop cultivated. For this purpose, spatial and temporal modeling of the change process was carried out. The results showed that due to successive cultivation and the use of crops that need a lot of water for cultivation, water in two wells in the region has become saline and the water level has decreased.

## کلمات کلیدی:

Groundwater, Moghan Plain, Modeling, agriculture

## لینک ثابت مقاله در پایگاه سیویلیکا:

<https://civilica.com/doc/1490170>

