

## عنوان مقاله:

Predicting the distribution of radon emitted from different geological formations using Arc GIS software (Case study:  
(The area between the city of Chaboksar, Ramsar and Tonekabon

## محل انتشار:

اولین کنگره بین المللی زمین، فضا و انرژی پاک (سال: 1394)

تعداد صفحات اصل مقاله: 9

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## خلاصه مقاله:

Inhabitants of Ramsar, a city in northern Iran, are exposed to high levels of natural radiation as high as 55–200 times higher than the average global dose rate. Furthermore, radon levels in some regions of Ramsar are up to 3700 Bq/m<sup>3</sup>. And also radon has long been known to be among the main causes of lung cancer. Here in this article we will evaluate the values of radon gas in the most polluted radioactive area of Iran and also the world. Different geological formations as the most logical reason will be used to find the comprehensive map of radon generated by Arc GIS software at mentioned area.

## کلمات کلیدی:

Ramsar, Radon, Geological Formations, Lung Cancer, Arc GIS

## لینک ثابت مقاله در پایگاه سیویلیکا:

<https://civilica.com/doc/456543>

