

## عنوان مقاله:

Analysis of the hydro-geomorphology and environmental potentials of Orumieh Lake basin in order to Planning

## محل انتشار:

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## نویسنده:

Mousa Abedini - Associated Prof of the geomorphology in Department of physical geography, university of Mohaghegh Ardabili, Iran

## خلاصه مقاله:

Orumieh Lake due to economic, tourism, microclimate effect, agricultural activities have an important role in the northwest of Iran. This lake basin area is 52700 km<sup>2</sup> with 102 islands, as known a familiar it as known one of the protected areas, with 186 species of birds, and animals. The water of lake is very salty (240 gr in winter and 260 gr in summer) and fluctuation of Lake water level threaded 500 km<sup>2</sup> of banks or shoreline lands. Water level rising in intensive rainfall years caused damage for ports instruments in shoreline and agriculture lands. This tectonically Orumieh Lake surrounded by agricultural plains and consists of 10.5 % of basin area and has 340 million m<sup>3</sup> water resources. The ratio of salt in soils is from 1% an Ec 8 mm hose to 3% and Ec more than 40 in around lake expanded in vast area. Due to the construction of many dams on the main rivers, dominated of drought climate, diverting river water to agriculture land and Tabriz city water supply, sea level this lake intensively decreased. For control salination preceding and rehabilitation marginal soils due to environmental potential, some techniques suggested for land using of shoreline

## کلمات کلیدی:

Orumieh Lake, ecological changing, soil erosion, environmental management

## لینک ثابت مقاله در پایگاه سیویلیکا:

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