

## عنوان مقاله:

Runoff and Suspended Sediment load from main Tributaries into the Zarivar Lake

## محل انتشار:

همایش بین المللی بحران های زیست محیطی ایران و راهکارهای بهبود آن (سال: ۱۳۹۱)

تعداد صفحات اصل مقاله: ۵

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## خلاصه مقاله:

The Zarivar Lake receives freshwater from six natural tributaries and a constructed diverting dam known as Ghezalchesoo. Little is known about contribution of tributaries to runoff and suspended sediments from watershed to Zarivar Lake during the seasons. During storm events and base flow periods, water samples were obtained from all active tributaries of the lake Zarivar. From March ۲۰۱۱ to March ۲۰۱۲, ۷ storms which caused to runoff have been recorded. Tributaries carry an annual load of ۱.۶۲ and ۶.۸۴ million m<sup>۳</sup> of runoff during storms and baseflow condition respectively and also ۷۰۸.۰۲ tons of suspended sediments (SS) into the lake, depending on the river, floods are responsible for up to ۹۹% of SS annual input. Ghezalchesoo has become the artificial tributary since the beginning of functioning its diversion dam in ۱۹۹۷

## کلمات کلیدی:

Discharge, Suspended sediments, Tributaries, Zarivar Lake

## لینک ثابت مقاله در پایگاه سیویلیکا:

<https://civilica.com/doc/۲۰۱۲۲۲/>