

## عنوان مقاله:

Determination of Optimized Water Releases From Chahnimeh Reservoirs by means of Stochastic Dynamic Programming

## محل انتشار:

دومین کنگره بین المللی سازه ، معماری و توسعه شهری (سال: 1393)

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## نویسندگان:

Seyed Arman Hashemi Monfared - *PhD, civil engineering faculty, Sistan and Baluchestan University, Iran*

Fateme Roshandel Hormozi - *MSc, civil engineering-Hydraulic, Sistan and Baluchestan University, Iran*

Hamid Roshandel Hormozi - *MSc, civil engineering-Hydraulic, Sistan and Baluchestan University, Iran*

## خلاصه مقاله:

Water has always been known as one of the most basic human needs by the increasing of population, industrialization and urbanization. In addition, water stress occurring in recent years in many different parts of the country due to the increased importance of proper utilization of water resources. In this paper, the optimization model of stochastic dynamic programming method is applied to determine the optimal policy for the operation of the reservoir chahnimeh.No.1 with the objective of minimizing the difference between needs and delivery. The results show that the optimization model are respectively 95.5 and 100 percent for reliability (drinking and agriculture) ,the model was able to empty the reservoir to keep a certain amount in the months of flood conditions and rivers for flood control in the area.

## کلمات کلیدی:

stochastic dynamic programming, operation of tanks, wells, Iran

## لینک ثابت مقاله در پایگاه سیویلیکا:

<https://civilica.com/doc/352980>

