

## عنوان مقاله:

Underground Gas Storage Suitability Analysis

## محل انتشار:

اولین همایش ملی نفت و گاز ایران (سال: 1392)

تعداد صفحات اصل مقاله: 4

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## خلاصه مقاله:

In the future natural gas will make a growing contribution to energy supply. Since gas production is constant during the year and its consumption almost seasonal, the importance of underground gasstorage (UGS) is increasing because it acts as a buffer between production and consumption. During the screening and concept selection stages of gas storage projects, many estimates are required to value competing projects and development concepts. These estimates are important because they influence which projects are selected and which concept proceeds into detailed engineering. In most cases, there is uncertainty in all of the estimates. As a result, operators are faced with the complex problem of determining the optimal design. A systematic uncertainty analysis can help operators solve this problem and make better decisions. Ideally, the uncertainty analysis is comprehensive and includes all uncertain variables, and simultaneously accounts for reservoir behavior, facility options, and economic objectives. In this paper historical perspective of underground natural gas storing and also screening criteria to determine the suitability of using a reservoir for UGS has been studied

## کلمات کلیدی:

Underground Gas Storage, Screening Criteria, Functionality, Seasonal Consumption

## لینک ثابت مقاله در پایگاه سیویلیکا:

<https://civilica.com/doc/245128>

