

عنوان مقاله:

Wind-wave hindcasting: wind-rose versus wind time series

محل انتشار:

ششمین همایش بین المللی سواحل، بنادر و سازه های دریایی (سال: 1383)

تعداد صفحات اصل مقاله: 5

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خلاصه مقاله:

A numerical wave prediction model, based on the concept of wave energy spectrum, is utilized to hindcast the wave conditions in Orumieh Lake. The main objective of this work is to study the influence of temporal variability of wind field input on the characteristics of the predicted wave. Generally there are two approaches in this regard, either for the sake of simplicity and convenient the maximum monthly or yearly wind roses are taken into consideration and considered as wind field data or the time series of wind speed can be considered as input. In addition to the simplicity, the first approach can provide a conservative estimate of the design wave. Here the extent of differences in the results of these approaches is investigated.

کلمات کلیدی:

لینک ثابت مقاله در پایگاه سیویلیکا:

<https://civilica.com/doc/3228>

