

## عنوان مقاله:

A Novel Method in Ocean Wind Field Estimation Using SAR Images

## محل انتشار:

بیست و یکمین کنفرانس مهندسی برق ایران (سال: 1392)

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## خلاصه مقاله:

Synthetic Aperture Radar (SAR) is a useful and efficient tool for providing high-resolution images from sea surface wind fields. Wind field analysis based on SAR image descriptors makes the estimation of wind direction and speed possible. This is very useful for applications and Studies such as oil spills, waves, ocean circulation, marine meteorology and the coupling of oceanic and atmospheric systems where of the sea surface wind data (wind field) at fine scales is necessary. In this paper we propose a new method based on morphological image analysis for wind direction estimation and also use the C-band model series (CMOD5) to retrieve the wind speed from SAR image

## کلمات کلیدی:

لینک ثابت مقاله در پایگاه سیویلیکا:

<https://civilica.com/doc/208362>

