I spy with my little eye, or: utilizing satellite data to estimate offshore wind farm installation performance

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Abstract.

- Offshore wind maturing, installations are a massive challenge - Little public data on offshore wind farm installation performance available - Offshore Wind Farm Installation massively influenced by weather limits - Combining Automatic Identification System (AIS), ERA5 and public wind farm data allows to assess performance of offshore wind farm installation as a

function of metocean data, location, wind turbine type and installation vessel

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1 Introduction

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	Code availability. TEXT All code related to the present publication is available on github under creative-commons licence: https://github.com/k323r/2022_WES_offshore-wind-installation
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