

WEBINAR

Thursday 29 June 2023 @ 11h00 - 12h00

Unlocking Wind Energy Potential from the Sea using Remote Sensing



The presentation is on near-real-time mapping of ocean winds from satellite observations and its application to offshore wind farm planning with a focus on South African waters.

Dr. Merete Badger's research is on the application of remote sensing techniques in wind energy and boundary-layer meteorology that includes wind resource mapping, studies of wind farm wake effects, air-sea gas exchange, and validation of mesoscale models. Dr. Badger's presentation will cover nearreal-time mapping of ocean winds from satellite observations and the application of such maps in the context of offshore wind farm planning. Her presentation will focus on South African waters.





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Dr. Badger received her MSc and PhD degrees from the University of Copenhagen, Department of Geography in 2003 and 2006, respectively. She has participated in 25+ research projects since then and published extensively in international peer reviewed journals.

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