Fiducial Reference Measurements for SAR-derived winds

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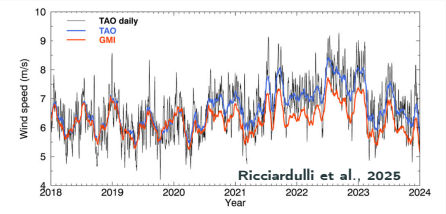
"Can we use in-situ and Scatterometer-derived ocean vector winds as FRM for the Calibration and Validation of SAR-derived winds?"

"What should we pay attention to?"

CEOS Maturity Matrix for WMO-compliant in-situ winds

Self-Assessment						Independent Assessor
Nature of FRM	FRM Instrumentation	Operations/ Sampling Strategy/ Instrument	Data	Metrology	Completeness, coverage and distribution	Verification
Descriptor	Instrument characterisation	Automation level	Data completeness	Uncertainty characterisation	Validation capacity	Guidelines adherence
Location / environment of FRM	Evidence of traceable calibration	Measured sampling / representativeness	Availability and usability	Traceability documentation	Geographical coverage	Calibration feedback
					Temporal sampling	
Range of conditions	Multiplexmeter plan	ATBDs on processing / software	Data format	Comparison / calibration of FRM	Controlled data processing, quality assessment and uncertainty estimation	Metrology verification
Complementary observations	Operator expertise	Guidelines on transformations to satellite pixel	Ancillary data	Adequacy for intended class of instrument/ measurand	Timeliness	Independent verification
FRM CLASSIFICATION						R

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