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Outline	
Study background and research	n objectives
Test site and SAR data	
Ground truth experiment	
🗹 Data analysis	
Summary and future work	
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Satellin	te observat	ion		
	List of satelli	e data used i	n this analysi	S
satellite sensor	observation date	observation time (UT)	polarization	incidence angle (scene center)
TerraSAR-X	2010/02/18	08:12	HH+VV	36.8°
ALOS PALSAR	2010/02/20	12:37	HH+VV+ HV+VH	24.0°
TerraSAR-X	2010/02/24	08:04	HH+VV	20.8°





















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Backscattering characteristics of sea ice in the offshore area

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	TerraSAR-X(2010/02/18)				PALSAR(2010/02/20)				
	HH(dB)	VV(dB)	HHKdeg.)	MODIS	HH(dB)	VV(dB)	HV(dB)	Scattering	MODIS
New ice	-16.4	-15.0	6.5	0.15	-21.7	-21.0	-28.4	0.73	0.17
Young ice FY ice	-8.6	-9.4	8.0	0.25	-13.3	-12.5	-25.7	0.30	0.26
Open water	-19.3	-18.1	0.6	0.10	-9.8	-8.6	-26.1	0.13	0.095



