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Electronic Supplementary Material

*This supplementary material has not been peer reviewed*

Title: **Satellite-based decadal change assessments of pan-Arctic environments**

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**Appendix S1.** Presented here are the 95% confidence intervals for the rates of change for the standardized data.

	Land Surface Temp	Snow Cover	NDVI	Green Up	Senescence	Season Length	Burned Area
Pan-Arctic	(0.005, 0.194)	(-0.172, 0.092)	(0.106, 0.225)	(-0.253, 0.004)	(-0.207, 0.083)	(-0.005, 0.252)	(-0.093, 0.171)
Subzone A	(0.065, 0.218)	(-0.123, 0.145)	(0.087, 0.223)	(-0.154, 0.146)	(-0.107, 0.189)	(-0.063, 0.221)	NA
Subzone B	(0.006, 0.194)	(-0.154, 0.113)	(0.076, 0.220)	(-0.236, 0.038)	(-0.159, 0.141)	(0.009, 0.258)	NA
Subzone C	(-0.023, 0.178)	(-0.189, 0.069)	(-0.020, 0.180)	(-0.259, -0.010)	(-0.253, 0.003)	(-0.079, 0.210)	NA
Subzone D	(0.015, 0.198)	(-0.206, 0.044)	(0.068, 0.219)	(-0.235, 0.040)	(-0.208, 0.082)	(-0.031, 0.240)	(-0.132, 0.136)
Subzone E	(0.033, 0.207)	(-0.176, 0.087)	(0.089, 0.223)	(-0.255, -0.002)	(-0.177, 0.121)	(0.029, 0.266)	(-0.189, 0.069)
	Chlorophyll	CDOM	Sea Surface Temp	Sea Ice (2003-2017)	Total Primary Productivity		
Pan-Arctic	(-0.035, 0.211)	(-0.045, 0.202)	(-0.059, 0.196)	(-0.275, -0.062)	(0.109, 0.282)		
High Arctic	(-0.027, 0.216)	(-0.047, 0.204)	(-0.016, 0.222)	(-0.277, -0.068)	(0.071, 0.277)		
Low Arctic	(-0.029, 0.215)	(-0.054, 0.199)	(-0.037, 0.210)	(-0.176, 0.123)	(0.035, 0.268)		
Sub Arctic	(-0.087, 0.176)	(-0.048, 0.203)	(-0.051, 0.201)	(-0.062, 0.222)	(-0.045, 0.232)		