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The Supplementary Information

Table S1 Linear trends from autoregression for tundra biome and each bioclimate subzones

Region	Period	a	b	Rate of change (%/yr)	r^2	p
Annual peak NDVI						
Subzone A	1982-2003	0.0007	0.1424	0.49	0.36	<0.01
Subzone B	1982-2003	0.001	0.1891	0.52	0.52	<0.005
Subzone C	1982-2003	0.0021	0.2604	0.79	0.61	<0.001
Subzone D	1982-2003	0.003	0.4475	0.67	0.56	<0.005
Subzone E	1982-2003	0.0022	0.594	0.46	0.44	<0.01
Tundra	1982-1991	0.0025	0.3742	0.66	0.56	<0.005
Tundra	1993-2003	0.004	0.3834	1.0	0.71	<0.001
Tundra	1982-2003	0.0021	0.3728	0.56	0.60	<0.001
Tundra <70N	1982-2006	0.0023	0.5285	0.47	0.57	<0.001
Time-integrated NDVI						
Subzone A	1982-2003	0.0019	0.8611	0.22	0.09	0.082
Subzone B	1982-2003	0.0032	1.0143	0.31	0.16	<0.05
Subzone C	1982-2003	0.0117	1.3444	0.69	0.36	<0.01
Subzone D	1982-2003	0.0214	2.6817	0.79	0.41	<0.01
Subzone E	1982-2003	0.0275	3.6858	0.74	0.45	<0.005
Tundra	1982-1991	0.0225	2.1798	1.0	0.43	<0.005
Tundra	1993-2003	0.03	2.2688	1.3	0.61	<0.001
Tundra	1982-2003	0.0159	2.1817	0.73	0.48	<0.005
Tundra <70N	1982-2006	0.0251	3.1803	0.78	0.52	<0.005