

Table S1. Linear regression coefficients of trend lines in Figure S1

Code	S-input		DIN-output		DI		EVI		NDVI		PSRI		TCARI	
	inter.	coef.	inter.	coef.	inter.	coef.	inter.	coef.	inter.	coef.	inter.	coef.	inter.	coef.
ANE	81.532	-0.041	16.376	-0.008	7.117	-0.004	-0.085	0.000	-157.943	0.079	-51.896	0.026	109.468	-0.055
CER	131.346	-0.066	98.637	-0.049	45.635	-0.023	-14.707	0.008	-120.987	0.061	-58.087	0.029	132.925	-0.067
JEZ	299.781	-0.149	66.394	-0.033	174.270	-0.086	-46.427	0.024	-216.782	0.108	-8.256	0.005	249.587	-0.125
LES	102.637	-0.051	26.917	-0.014	15.943	-0.008	-34.243	0.018	-109.711	0.055	-51.593	0.026	186.202	-0.094
LIZ	63.536	-0.032	31.077	-0.016	2.042	-0.001	11.985	-0.006	-117.189	0.059	-43.084	0.021	105.872	-0.053
LKV	113.791	-0.057	6.217	-0.003	19.979	-0.010	-12.490	0.006	-140.629	0.070	-47.615	0.024	123.728	-0.062
LYS	137.763	-0.069	29.954	-0.015	124.634	-0.063	-45.123	0.023	-159.283	0.080	22.654	-0.011	130.493	-0.065
MOD	134.825	-0.067	275.061	-0.137	80.695	-0.040	-34.384	0.017	-82.366	0.041	5.466	-0.002	77.742	-0.039
PLB	91.673	-0.046	-14.716	0.007	-68.378	0.034	47.342	-0.024	-73.279	0.036	-169.437	0.084	48.482	-0.024
POM	213.496	-0.106	91.989	-0.046	4.921	-0.003	11.685	-0.006	-171.706	0.086	-102.684	0.051	131.663	-0.066
SAL	112.032	-0.056	9.913	-0.005	-2.290	0.001	-14.649	0.007	-137.664	0.069	-72.753	0.036	81.622	-0.041
UDL	360.919	-0.179	417.482	-0.207	233.273	-0.116	-196.372	0.098	-229.442	0.115	128.565	-0.064	208.439	-0.104
UHL	310.489	-0.155	265.542	-0.132	158.995	-0.079	-84.198	0.042	-170.783	0.085	59.887	-0.030	122.391	-0.061