S2 Table. Correlation matrix of all twenty environmental layers. Positive correlations ≥ 0.80 shown in red and negative correlations ≤ -0.80 shown in yellow. For variable names refer to the S1 Table.

	BIO1	BIO2	BIO3	BIO4	BIO5	BIO6	BIO7	BIO8	BIO9	BIO10	BIO11	BIO12	BIO13	BIO14	BIO15	BIO16	BIO17	BIO18	BIO19	ALT
BIO1	1.00000	0.03370	0.65141	-0.69035	0.79086	0.93891	-0.70876	0.60665	0.71150	0.87390	0.95602	0.24687	0.40067	0.03689	0.36658	0.35446	0.04674	0.31015	0.02941	-0.36906
BIO2	0.03370	1.00000	0.40684	-0.14158	0.29461	-0.01004	0.17556	-0.04022	0.17225	-0.01699	0.09784	-0.63989	-0.42746	-0.55585	0.38066	-0.45303	-0.57517	-0.48835	-0.46021	0.62933
BIO3	0.65141	0.40684	1.00000	-0.93627	0.29998	0.78439	-0.79205	0.19534	0.68091	0.24988	0.81945	0.05089	0.38452	-0.30020	0.61371	0.34662	-0.29505	0.05929	-0.05520	0.29948
BIO4	-0.69035	-0.14158	-0.93627	1.00000	-0.22366	-0.87370	0.94347	-0.13987	-0.75597	-0.25561	-0.86990	-0.26242	-0.51638	0.08915	-0.46215	-0.48523	0.07317	-0.15751	-0.17455	-0.16254
BIO5	0.79086	0.29461	0.29998	-0.22366	1.00000	0.59059	-0.16730	0.57133	0.48816	0.92644	0.63876	-0.13294	-0.03067	-0.13834	0.25473	-0.07573	-0.14141	0.00151	-0.24002	-0.37143
BIO6	0.93891	-0.01004	0.78439	-0.87370	0.59059	1.00000	-0.89440	0.40757	0.81298	0.67318	0.98992	0.32514	0.50551	0.03680	0.37636	0.46649	0.05332	0.26292	0.17611	-0.22818
BIO7	-0.70876	0.17556	-0.79205	0.94347	-0.16730	-0.89440	1.00000	-0.18128	-0.72268	-0.30898	-0.85539	-0.47092	-0.63459	-0.12164	-0.31862	-0.61190	-0.14351	-0.32038	-0.34819	0.07291
BIO8	0.60665	-0.04022	0.19534	-0.13987	0.57133	0.40757	-0.18128	1.00000	0.00907	0.69790	0.45754	0.06166	0.18294	-0.04753	0.32089	0.14436	-0.05321	0.43497	-0.31937	-0.37156
BIO9	0.71150	0.17225	0.68091	-0.75597	0.48816	0.81298	-0.72268	0.00907	1.00000	0.46371	0.79830	0.19217	0.29076	0.04989	0.20017	0.26736	0.06703	-0.01957	0.29401	-0.04413
BIO10	0.87390	-0.01699	0.24988	-0.25561	0.92644	0.67318	-0.30898	0.69790	0.46371	1.00000	0.69892	0.12903	0.16548	0.09272	0.17737	0.12489	0.09459	0.26860	-0.07952	-0.58264
BIO11	0.95602	0.09784	0.81945	-0.86990	0.63876	0.98992	-0.85539	0.45754	0.79830	0.69892	1.00000	0.25611	0.46334	-0.02220	0.43367	0.41939	-0.00915	0.24913	0.08968	-0.17480
BIO12	0.24687	-0.63989	0.05089	-0.26242	-0.13294	0.32514	-0.47092	0.06166	0.19217	0.12903	0.25611	1.00000	0.85071	0.72049	-0.24754	0.87344	0.74870	0.72423	0.75516	-0.46323
BIO13	0.40067	-0.42746	0.38452	-0.51638	-0.03067	0.50551	-0.63459	0.18294	0.29076	0.16548	0.46334	0.85071	1.00000	0.29678	0.24202	0.99124	0.32714	0.67797	0.53181	-0.27692
BIO14	0.03689	-0.55585	-0.30020	0.08915	-0.13834	0.03680	-0.12164	-0.04753	0.04989	0.09272	-0.02220	0.72049	0.29678	1.00000	-0.71997	0.32393	0.99267	0.53931	0.62216	-0.45948
BIO15	0.36658	0.38066	0.61371	-0.46215	0.25473	0.37636	-0.31862	0.32089	0.20017	0.17737	0.43367	-0.24754	0.24202	-0.71997	1.00000	0.20405	-0.71706	-0.05150	-0.34308	0.21100
BIO16	0.35446	-0.45303	0.34662	-0.48523	-0.07573	0.46649	-0.61190	0.14436	0.26736	0.12489	0.41939	0.87344	0.99124	0.32393	0.20405	1.00000	0.35506	0.67451	0.57226	-0.28296
BIO17	0.04674	-0.57517	-0.29505	0.07317	-0.14141	0.05332	-0.14351	-0.05321	0.06703	0.09459	-0.00915	0.74870	0.32714	0.99267	-0.71706	0.35506	1.00000	0.54648	0.66016	-0.46924
BIO18	0.31015	-0.48835	0.05929	-0.15751	0.00151	0.26292	-0.32038	0.43497	-0.01957	0.26860	0.24913	0.72423	0.67797	0.53931	-0.05150	0.67451	0.54648	1.00000	0.22742	-0.42103
BIO19	0.02941	-0.46021	-0.05520	-0.17455	-0.24002	0.17611	-0.34819	-0.31937	0.29401	-0.07952	0.08968	0.75516	0.53181	0.62216	-0.34308	0.57226	0.66016	0.22742	1.00000	-0.31054
ALT	-0.36906	0.62933	0.29948	-0.16254	-0.37143	-0.22818	0.07291	-0.37156	-0.04413	-0.58264	-0.17480	-0.46323	-0.27692	-0.45948	0.21100	-0.28296	-0.46924	-0.42103	-0.31054	1.00000