Supplementary Materials

A GWR Approach to Determine Factors Controlling Soil Se in Fujian Province

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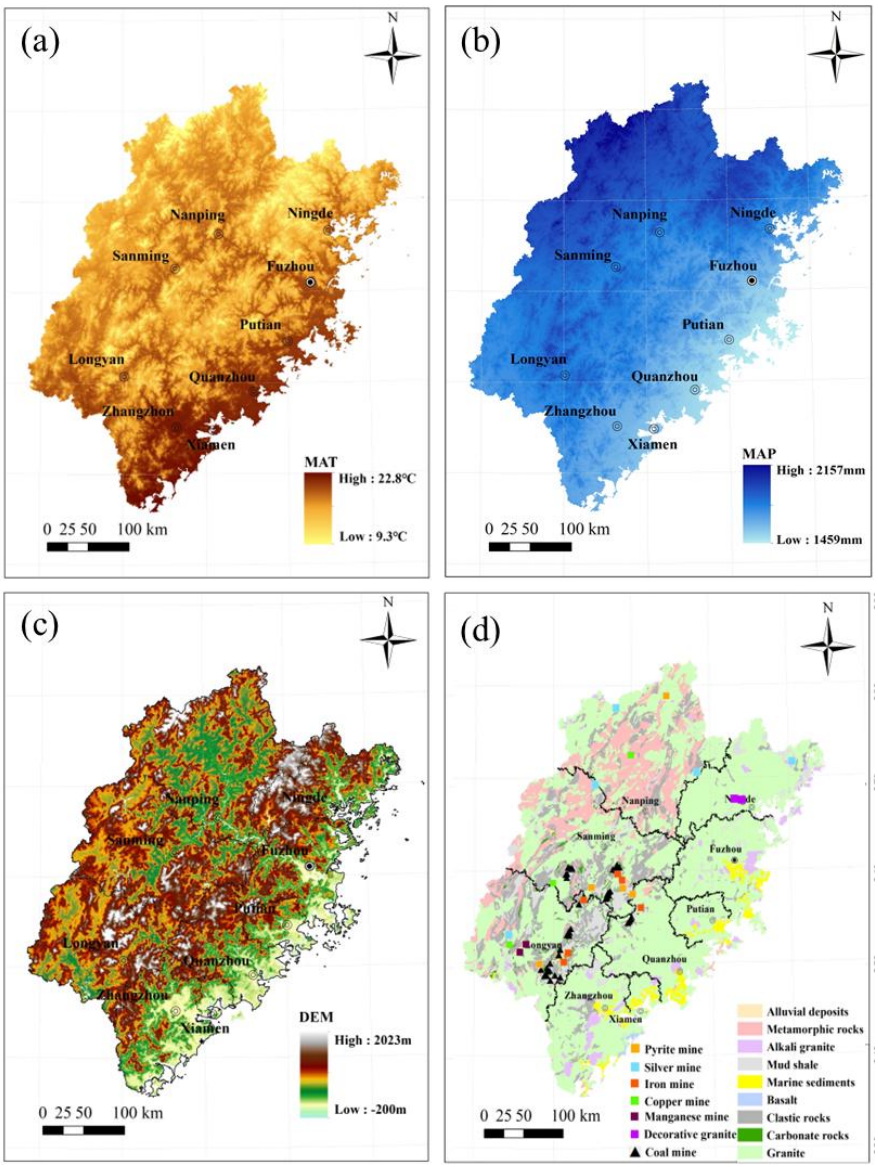


Figure S1. Map of MAT(a), MAP(b), EL(c) and mineral distribution(d) in Fujian Province

Table S1. The performance statistics of different bandwidths for GWR and OLS results.

	Bandwidth (m)	AICc	R^2	Adjust R^2
GWR	2000	364	0.97	0.74
	5000	-1067	0.78	0.68
	10000	-2234	0.71	0.67
	50000	-4219	0.67	0.66
	100000	-4212	0.64	0.63
OLS		-3329	0.35	0.35

Table S2. Result of multicollinearity test.

	VIF
SOM	1.110
pH	1.102
TFe_2O_3	1.017
MAP	2.347
MAT	4.572
EL	4.325

Dependent variable: Se

Table S3. Global autocorrelation degree of soil Se and influencing factors.

	Moran's *I*	Z Score	*p* Value
Se	0.66385	9.45433	0.000**
SOM	0.59525	8.47734	0.000**
pH	0.69827	9.94461	0.000**
TFe_2O_3	0.98295	13.99792	0.000**
MAP	0.67245	21.75676	0.000**
MAT	0.76586	18.75547	0.000**
EL	0.56754	16.57543	0.000**

Note: **indicates a significant correlation at the level of 0.01($p<0.01$).