Table S1. Concentrations of As and Cd in the runoff phase in three rainfall experiments.

Rainfall times		1st	2nd	3rd
As concentration ($\mu g \cdot L^{-1}$)	Control	2.148 b	2.718 a	1.962 b
	PDP	14.246 a	12.783 b	11.603 b
	SSP	27.375 a	24.124 b	20.544 c
	GPR	4.447 a	4.372 a	2.983 b
Cd concentration ($\mu g \cdot L^{-1}$)	Control	1.042 a	1.077 a	0.869 a
	PDP	0.753 a	0.727 a	0.634 b
	SSP	2.800 a	2.083 b	1.185 c
	GPR	1.395 a	1.395 a	1.096 b

The data in the table are average values (n = 3). Different letters indicate significant differences among the treatments at $p < 0.05$ according to Duncan's test.

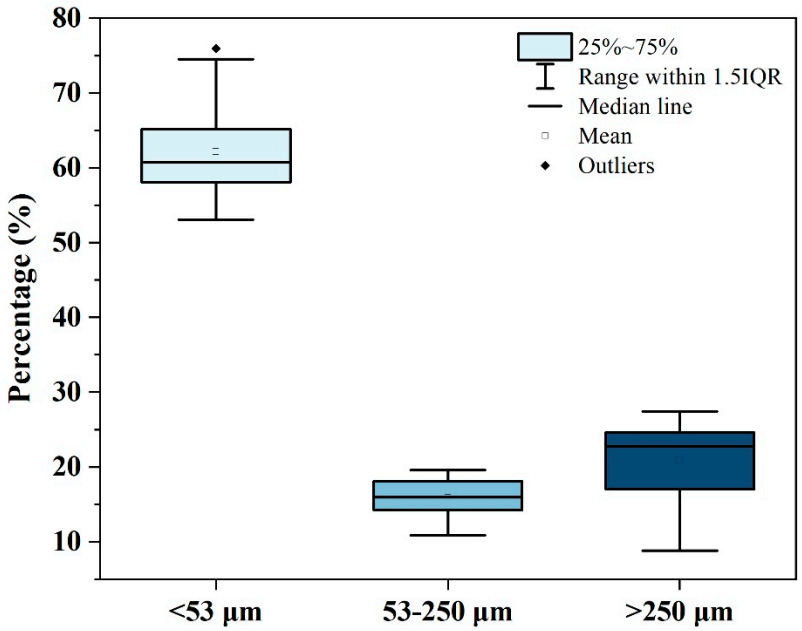


Figure S1. Particle size distribution in the sedimentary phase in the third runoff experiment.

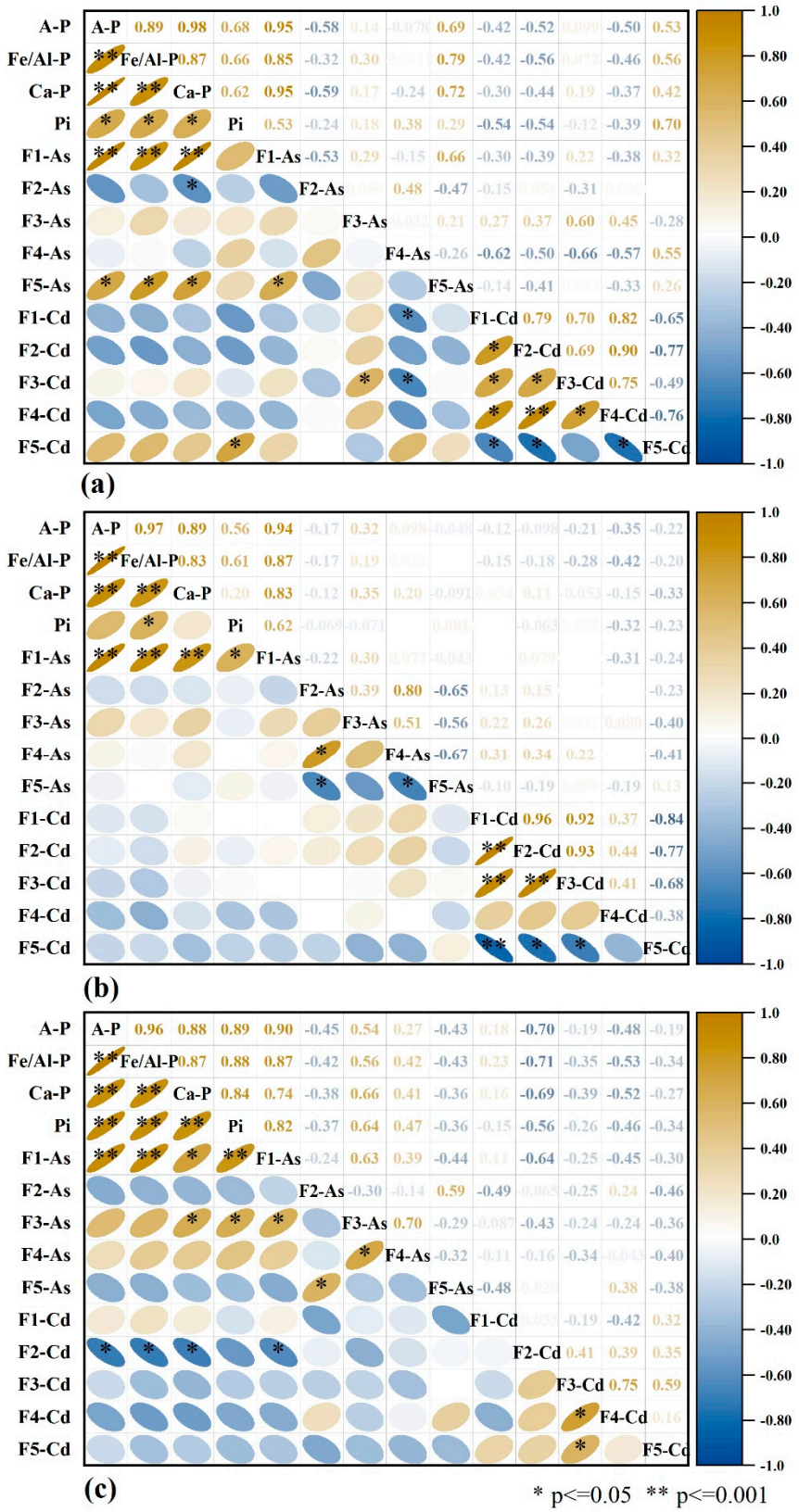


Figure S2. Correlation analysis of P, As, and Cd forms in the (a) <53 μm, (b) 53–250 μm, and (c) >250 μm fractions.

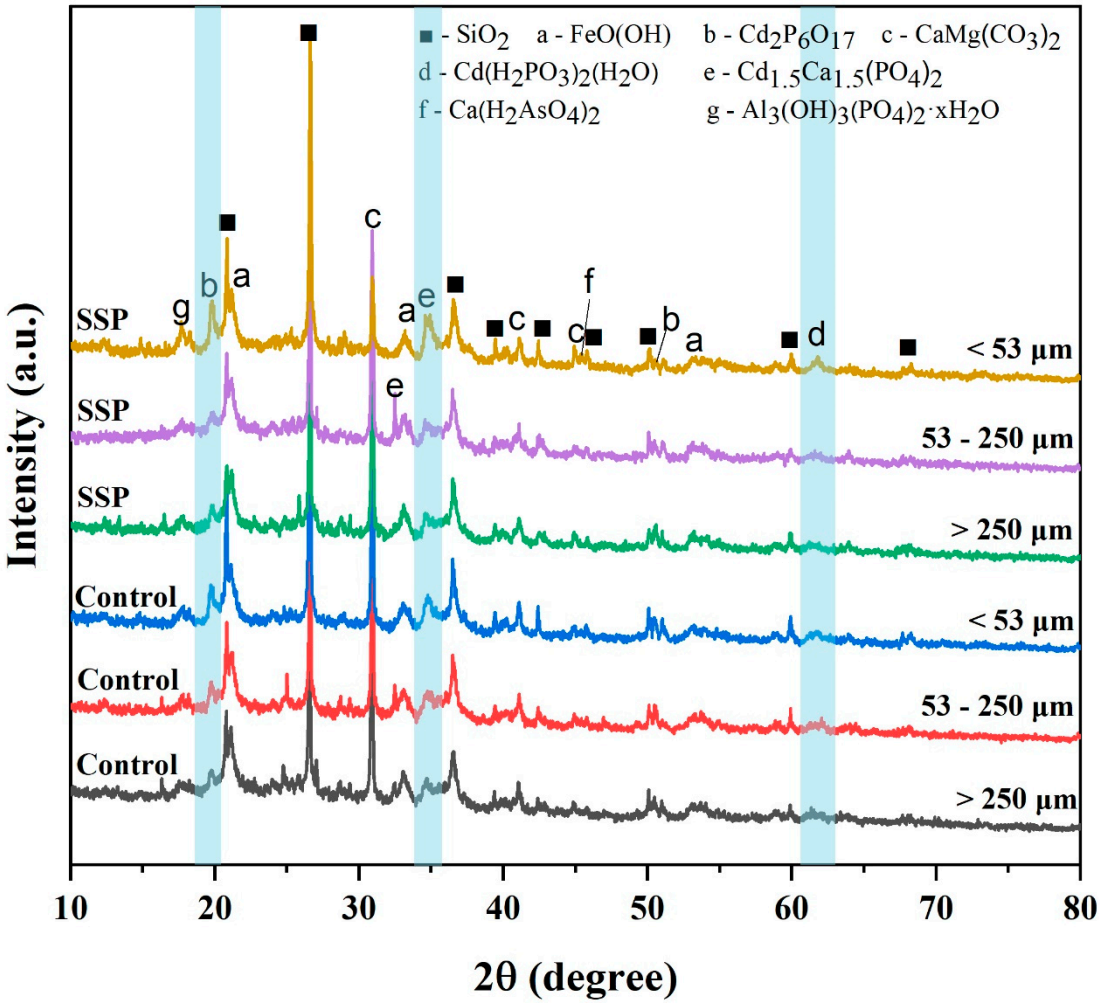


Figure S3. XRD patterns of sedimentary phases with particle sizes of <53, 53–250, and >250 µm after control and SSP treatment.