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**Table S1. Industry Classification Screening**

Basic Information Collection		Industry Classification Screening				Total	
Map Crawling	1722	Keyword Screening for Heavy Pollution Industries		107			
		Remaining Unfiltered	1615	Manual Screening Heavy Pollution Industries	14	Heavy Pollution Industries	121
				Manual Screening Non-heavy Pollution Industries	1601	Non-heavy Pollution Industries	1601

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**Table S2. Statistics of Industrial Source Data Across Different Time Periods**

Industrial Pollution Source Category	1949-1975	1976-2007	2008-2019
a. Chemical	1	23	31
b. Petrochemical	3	11	18
c. Cement	2	8	17
d. Metallurgy	3	7	12
e. Mining		6	12
f. Building Materials		6	10
g. Textile		2	7
h. Brewing	1	4	5
i. Coal		2	3
j. Pharmaceutical		2	3
k. Fermentation			2
l. Steel			1

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7 **Table S3. Functional Relationship Between Pollution Source Density and Temporal**

8 **Response of Soil Pb Content**

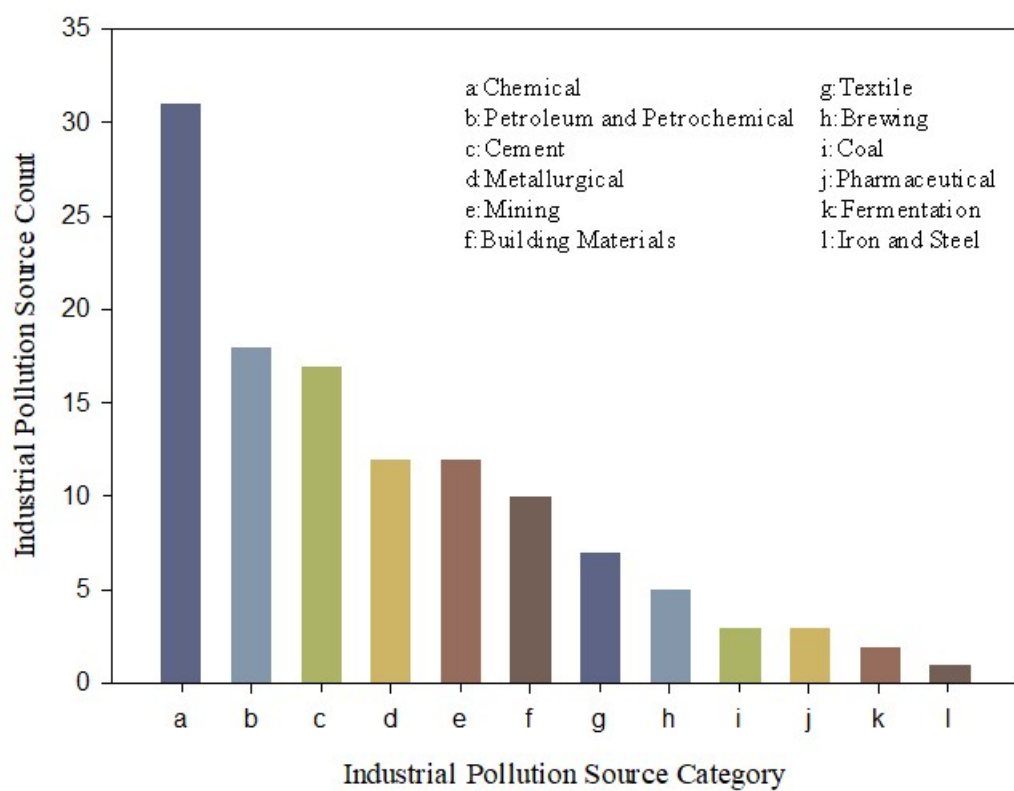
	1949-1975 Pollution	1976-2007 Pollution	2008-2019 Pollution
1975year Pb	$a: y=27.59x+21.58$	$b: y=13.75x+20.94$	$c: y=9.59x+20.96$
2007year Pb	$d: y=85.06x+24.85$	$e: y=31.58x+25.38$	$f: y=23.89x+24.71$
2019year Pb	$g: y=446.5x+51.04$	$h: y=193.83x+44.99$	$i: y=133.56x+43.6$

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10 **Table S4. Functional Relationship Between Pollution Source Density and Temporal**

11 **Response of Soil Cd Content**

	1949-1975 Pollution	1976-2007 Pollution	2008-2019 Pollution
1975year Cd	$a: y=0.01x+0.0765$	$b: y=0.012x+0.0776$	$c: y=0.014x+0.0779$
2007year Cd	$d: y=0.1448x+0.0808$	$e: y=0.0834x+0.0807$	$f: y=0.0569x+0.0754$
2019year Cd	$g: y=10.377x+0.6519$	$h: y=3.726x+0.5704$	$i: y=2.614x+0.5458$



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**Fig. S1. Number of Polluting Industries**

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