

Electronic Supplementary Information (ESI):

Temporal trends of PCBs, PCDD/Fs and PBDEs in soils from an E-waste dismantling area in East China

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Table S1. Sampling information.

Sampling site	Location		Year	Sample type	Sampling site	Location		Year	Sample type
	Latitude (N)	Longitude (E)				Latitude (N)	Longitude (E)		
Huangyan	28°38'33.35"	121°15'53.88"	2005	natural soil	Yuanqiao	28°33'1.88"	121°15'25.44"	2009	agricultural soil
Fengjiang	28°34'41.26"	121°21'25.78"	2005	agricultural soil	Tongyu	28°34'59.41"	121°20'12.88"	2009	agricultural soil
Shenguo	28°36'4.87"	121°21'40.84"	2005	agricultural soil	Baifengao	28°32'34.33"	121°21'56.65"	2009	agricultural soil
Baifengao	28°32'34.33"	121°21'56.65"	2005	agricultural soil	Tingyu	28°32'50.88"	121°22'23.00"	2009	agricultural soil
Shanhou	28°35'3.74"	121°20'29.89"	2005	agricultural soil	Fengjiang	28°32'1.82"	121°23'1.13"	2009	agricultural soil
Tongyu	28°35'6.00"	121°20'21.45"	2005	natural soil	Zeguo	28°29'58.68"	121°21'41.00"	2009	agricultural soil
Anrong1	28°31'58.93"	121°23'20.52"	2007	natural soil	Hongjia	28°37'29.00"	121°25'17.09"	2009	agricultural soil
Anrong2	28°32'1.80"	121°23'4.48"	2007	agricultural soil	Xiachen	28°34'55.13"	121°27'31.31"	2009	natural soil
Baifengao1	28°32'32.83"	121°21'56.54"	2007	agricultural soil	Pengjie	28°32'47.62"	121°29'9.81"	2009	agricultural soil
Baifengao2	28°32'29.16"	121°21'55.20"	2007	agricultural soil	Hengjie	28°31'48.80"	121°26'46.99"	2009	agricultural soil
Baifengao3	28°32'26.73"	121°21'55.08"	2007	natural soil	Tongyu	28°35'8.97"	121°20'17.35"	2011	agricultural soil
Shifen	28°32'36.85"	121°23'0.06"	2007	agricultural soil	Baifengao	28°32'34.33"	121°21'56.65"	2011	agricultural soil
Xishan	28°32'19.11"	121°23'28.04"	2007	agricultural soil	Tingyu	28°32'42.21"	121°22'24.33"	2011	agricultural soil
Xiajingtou	28°31'54.92"	121°22'16.43"	2007	agricultural soil	Fengjiang	28°32'0.51"	121°23'11.76"	2011	natural soil
Tingyu1	28°32'43.76"	121°22'27.74"	2007	agricultural soil	Zeguo	28°29'53.53"	121°21'33.93"	2011	agricultural soil
Tingyu2	28°32'45.89"	121°22'38.51"	2007	natural soil	Pengjie	28°32'31.11"	121°28'47.55"	2011	agricultural soil
Shangtao1	28°32'15.54"	121°23'31.97"	2007	agricultural soil	Hengjie	28°31'36.30"	121°26'47.32"	2011	agricultural soil
Shangtao2	28°32'11.00"	121°23'21.22"	2007	agricultural soil					
Shangtao3	28°32'3.41"	121°23'4.94"	2007	natural soil					

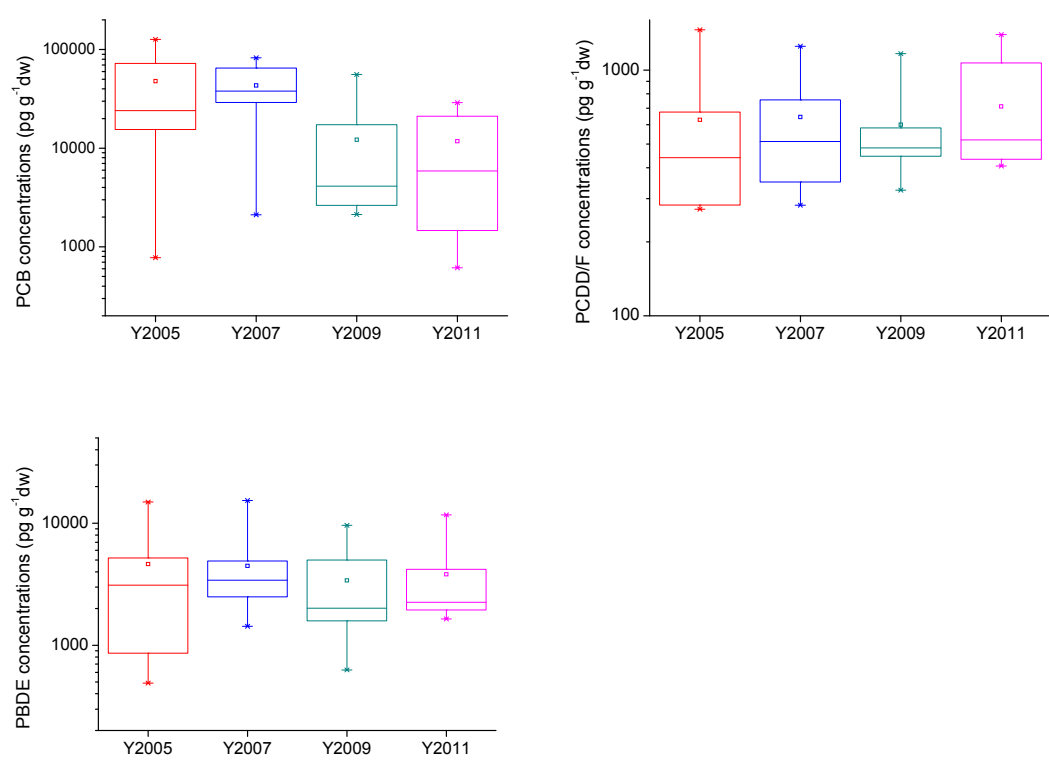


Fig. S1. The temporal distribution of PCBs, PCDD/Fs and PBDEs in the soils over seven years. The horizontal line in the box represented the median value and the dot represented the mean value. The low and upper edges of the box mark the 25th and 75th percentiles (interquartile range). The whiskers extending from the box show the highest and lowest values.

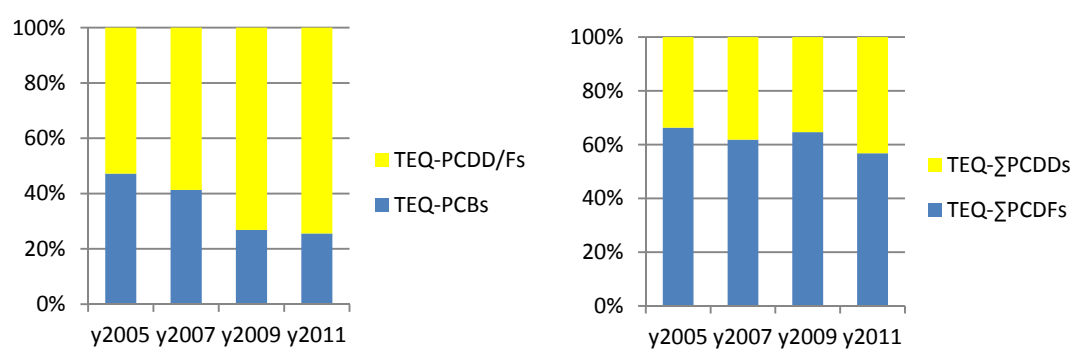


Fig. S2. Relative distribution of the TEQ values of PCBs and PCDD/Fs.

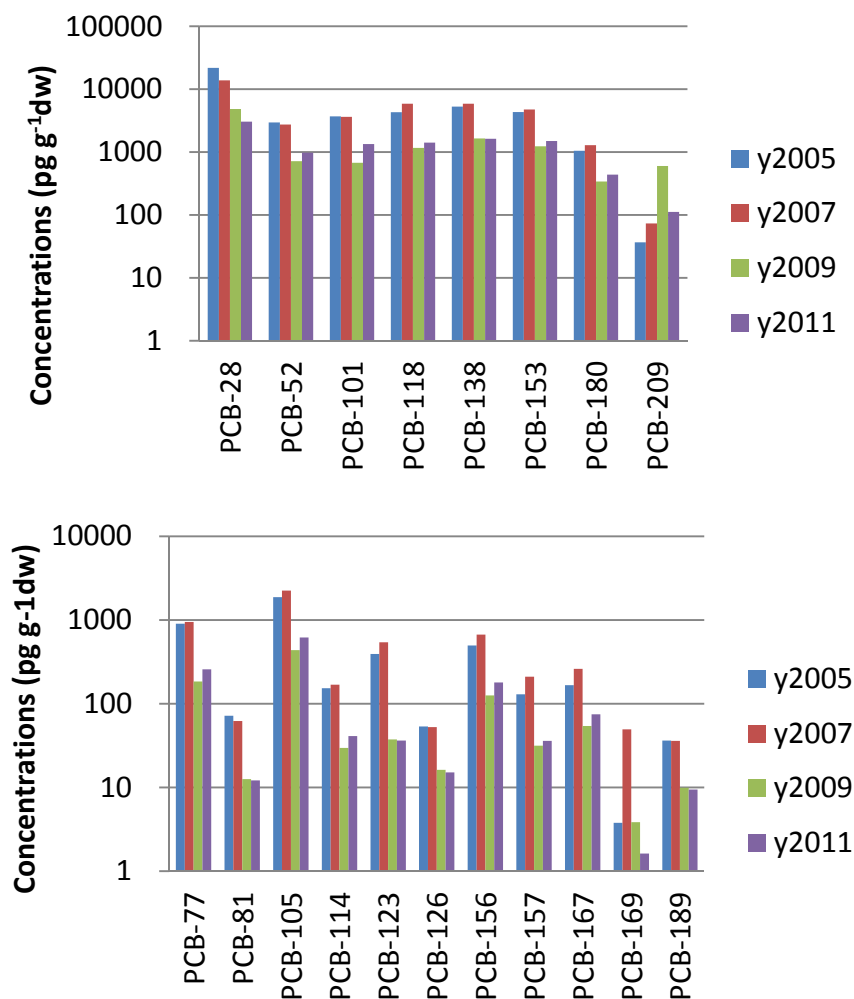


Fig. S3. The congener profiles of PCBs in the soils

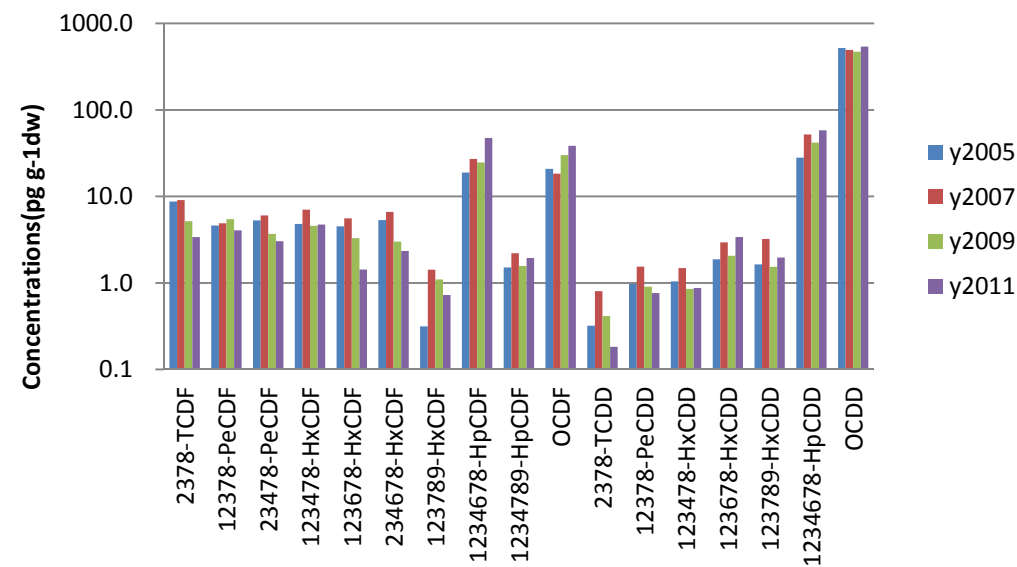


Fig. S4. The congener profiles of PCDD/Fs in the soils

Fig. S5. The congener profiles of PBDEs in the soils

Fig. S6. The trends of some PCB congeners in Taizhou soils over the years

Fig. S7. The trends of some PCDD/F congeners in Taizhou soils over the years

Fig. S8. The trends of some PBDE congeners in Taizhou soils over the years