

**Table S1.** Calculated enrichment factors (EF) and geoaccumulation indices ( $I_{geo}$ ) for the sediments studied. Values marked in bold indicate moderate enrichment (EF = 2-5) or describe the sediments as uncontaminated to moderately contaminated ( $I_{geo}$  = 0-1) or moderately contaminated ( $I_{geo}$  = 1-2). Values marked in red indicate considerable enrichment (EF = 2-5) of the sediments.

	EF			$I_{geo}$		
	Site 1	Site 2	Site 3	Site 1	Site 2	Site 3
<b>Al</b>	1.0	1.0	1.0	-0.9	-1.3	-1.2
<b>As</b>	0.9	1.1	1.0	-1.1	-1.1	-1.1
<b>Ba</b>	1.0	1.1	1.2	-0.9	-1.1	-1.0
<b>Be</b>	1.5	1.5	1.4	-0.4	-0.6	-0.7
<b>Cd</b>	1.1	1.0	0.9	-0.8	-1.3	-1.4
<b>Co</b>	<b>2.1</b>	<b>2.2</b>	<b>2.1</b>	<b>0.2</b>	-0.1	-0.1
<b>Cr</b>	<b>2.5</b>	<b>2.7</b>	<b>2.9</b>	<b>0.4</b>	<b>0.2</b>	<b>0.3</b>
<b>Cs</b>	1.2	1.1	1.0	-0.6	-1.2	-1.2
<b>Cu</b>	1.8	1.6	1.5	0.0	-0.6	-0.6
<b>Fe</b>	1.0	1.0	0.9	-0.9	-1.2	-1.3
<b>Li</b>	1.5	1.4	1.4	-0.4	-0.7	-0.8
<b>Mn</b>	1.6	<b>2.1</b>	<b>2.0</b>	-0.2	-0.2	-0.2
<b>Mo</b>	<b>3.9</b>	<b>2.0</b>	1.5	<b>1.1</b>	-0.2	-0.6
<b>Ni</b>	<b>4.3</b>	<b>4.1</b>	<b>4.0</b>	<b>1.2</b>	<b>0.8</b>	<b>0.8</b>
<b>Pb</b>	1.1	1.4	1.4	-0.7	-0.8	-0.7
<b>Rb</b>	1.7	1.6	1.5	-0.2	-0.6	-0.6
<b>Sb</b>	0.7	0.5	0.4	-1.4	-2.2	-2.4
<b>Se</b>	-	-	-	-	-	-
<b>Sn</b>	0.2	0.1	0.1	-3.3	-4.3	-4.8
<b>Sr</b>	<b>3.9</b>	5.1	<b>4.9</b>	<b>1.1</b>	<b>1.1</b>	<b>1.1</b>
<b>Ti</b>	1.0	1.1	1.1	-0.9	-1.1	-1.1
<b>Tl</b>	1.0	0.9	0.9	-0.9	-1.4	-1.4
<b>U</b>	1.1	1.5	1.0	-0.8	-0.6	-1.2
<b>V</b>	1.6	1.7	1.5	-0.2	-0.5	-0.7
<b>Zn</b>	1.6	1.5	<b>2.1</b>	-0.2	-0.7	-0.2

**Table S2.** Longitude and latitude data for the sampling locations, including the depth of the water column at those locations.

	Longitude	Latitude	Depth
<b>Site 1</b>	45° 2' 11.7" N	14° 2' 47.76" E	30 cm
<b>Site 2</b>	45° 2' 0.18" N	14° 2' 50.28" E	40 cm
<b>Site 3</b>	45° 1' 51.54" N	14° 2' 48.18" E	35 cm