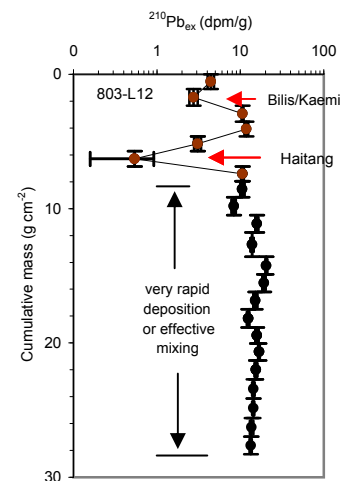


Downcore data on water content, cumulative mass, nuclide activities and sediment chronology

Depth (cm)	Content of water (%)	Cumulative mass* (g cm ⁻²)	Mean deposition time (A.D.)**	²¹⁰ Pb _{ex}	¹³⁷ Cs
				(dpm g ⁻¹)	
803-L12 (22°13.85'N, 120°26.58'E; 251 m; collected on August 7, 2006)					
0-2	57.05	0.551 ± 0.551		4.43 ± 0.39	0.056 ± 0.02
2-4	53.66	1.716 ± 0.615	2006.6	2.75 ± 0.31	0.034 ± 0.02
4-6	54.75	2.925 ± 0.594		10.65 ± 0.28	0.069 ± 0.01
6-8	57.26	4.065 ± 0.547		11.79 ± 0.60	0.010 ± 0.18
8-10	56.86	5.166 ± 0.554		3.09 ± 0.28	0.047 ± 0.02
10-12	56.05	6.289 ± 0.569	2005.6	0.54 ± 0.38	0.115 ± 0.03
12-14	57.27	7.405 ± 0.547		10.61 ± 0.35	0.076 ± 0.02
14-16	54.47	8.551 ± 0.599		10.54 ± 0.60	0.071 ± 0.03
16-18	51.27	9.812 ± 0.662		8.33 ± 0.49	0.048 ± 0.03
18-20	51.70	11.128 ± 0.653		15.73 ± 0.62	
20-22	40.65	12.679 ± 0.898		13.88 ± 0.63	0.026 ± 0.04
22-24	51.28	14.239 ± 0.662		20.46 ± 0.42	
24-26	52.10	15.547 ± 0.645	n.d.	19.21 ± 0.84	0.036 ± 0.05
26-28	51.62	16.847 ± 0.655		15.14 ± 0.79	0.042 ± 0.04
28-30	50.74	18.175 ± 0.673		12.38 ± 0.42	0.125 ± 0.02
30-32	54.91	19.438 ± 0.591		15.80 ± 0.66	0.069 ± 0.03
32-34	52.48	20.667 ± 0.638		16.75 ± 0.35	
34-36	49.55	22.002 ± 0.697		15.33 ± 0.55	0.118 ± 0.03
36-38	48.53	23.418 ± 0.719		14.35 ± 0.51	0.070 ± 0.03
38-40	48.30	24.861 ± 0.724		14.28 ± 0.43	0.079 ± 0.02
40-42	49.69	26.279 ± 0.694		13.64 ± 0.63	0.093 ± 0.03
42-44	51.43	27.633 ± 0.659		13.29 ± 0.38	0.110 ± 0.02



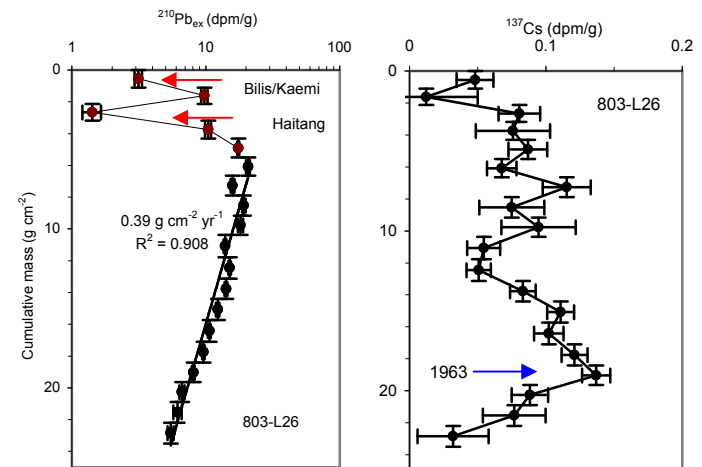
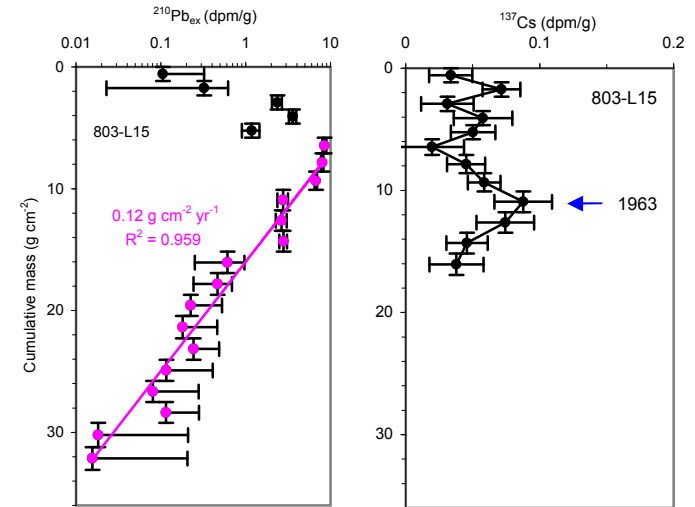
803-L15 (22°22.50'N, 120°22.68'E; 95 m; collected on August 5, 2006)

0-2	55.64	0.577 ± 0.577	2006.6	0.11 ± 0.22	0.034 ± 0.016
2-4	55.10	1.741 ± 0.587		0.32 ± 0.30	0.071 ± 0.014

4-6	55.17	2.913 ± 0.586		2.36 ± 0.32	0.031 ± 0.020
6-8	55.40	4.080 ± 0.581		3.58 ± 0.36	0.058 ± 0.022
8-10	55.86	5.235 ± 0.573	2005.6	1.18 ± 0.28	0.050 ± 0.017
10-12	52.08	6.453 ± 0.646	1996.5	8.51 ± 0.44	0.020 ± 0.024
12-14	46.98	7.851 ± 0.752	1986.0	7.99 ± 0.30	0.045 ± 0.014
14-16	47.52	9.344 ± 0.741	1974.9	6.70 ± 0.23	0.058 ± 0.012
16-18	42.72	10.933 ± 0.849	1963.0	2.76 ± 0.40	0.088 ± 0.021
18-20	42.99	12.624 ± 0.842	1949.1	2.65 ± 0.39	0.074 ± 0.021
20-22	42.61	14.317 ± 0.851	1935.1	2.78 ± 0.29	0.046 ± 0.015
22-24	41.40	16.049 ± 0.880	1920.8	0.61 ± 0.36	0.038 ± 0.020
24-26	40.78	17.824 ± 0.895	1906.2	0.47 ± 0.22	0.019 ± 0.014
26-28	41.89	19.587 ± 0.868	1891.7	0.22 ± 0.30	
28-30	40.15	21.366 ± 0.911	1877.0	0.18 ± 0.28	
30-32	41.52	23.154 ± 0.877	1862.3	0.24 ± 0.24	
32-34	41.81	24.902 ± 0.870	1847.9	0.12 ± 0.29	
34-36	41.57	26.648 ± 0.876	1833.5	0.08 ± 0.20	
36-38	42.70	28.373 ± 0.849	1819.3	0.11 ± 0.17	
38-40	36.66	30.222 ± 1.000	1804.0	0.02 ± 0.19	
40-42	39.51	32.148 ± 0.926	1788.2	0.02 ± 0.19	

803-L26 (22°23.71'N, 120°13.08'E; 306 m; collected on August 6, 2006)

0-2	56.94	0.553 ± 0.553	2006.6	3.14 ± 0.20	0.048 ± 0.013
2-4	59.18	1.617 ± 0.512		9.75 ± 0.54	0.012 ± 0.038
4-6	58.12	2.661 ± 0.531	2005.6	1.42 ± 0.23	0.081 ± 0.015
6-8	56.52	3.752 ± 0.560	2002.7	10.42 ± 0.55	0.076 ± 0.027
8-10	54.56	4.910 ± 0.597	1999.7	17.48 ± 0.33	0.087 ± 0.014
10-12	56.13	6.075 ± 0.568	1996.7	20.68 ± 0.68	0.068 ± 0.011
12-14	53.21	7.266 ± 0.624	1993.6	15.86 ± 0.52	0.115 ± 0.018
14-16	52.62	8.525 ± 0.635	1990.3	19.21 ± 0.58	0.075 ± 0.024
16-18	54.28	9.763 ± 0.603	1987.1	18.20 ± 0.77	0.095 ± 0.027



18-20	49.11	11.072 ± 0.707	1983.7	13.93 ± 0.32	0.054 ± 0.012
20-22	50.58	12.455 ± 0.676	1980.1	15.08 ± 0.32	0.051 ± 0.009
22-24	52.47	13.769 ± 0.638	1976.7	14.14 ± 0.37	0.083 ± 0.009
24-26	51.10	15.073 ± 0.666	1973.3	12.26 ± 0.36	0.111 ± 0.010
26-28	50.49	16.416 ± 0.678	1969.8	10.64 ± 0.25	0.102 ± 0.011
28-30	51.25	17.757 ± 0.662	1966.3	9.59 ± 0.22	0.121 ± 0.009
30-32	53.98	19.028 ± 0.609	1963.0	8.08 ± 0.20	0.137 ± 0.010
32-34	52.93	20.265 ± 0.629	1959.8	6.63 ± 0.29	0.088 ± 0.013
34-36	51.95	21.543 ± 0.648	1956.5	6.15 ± 0.44	0.077 ± 0.023
36-38	51.65	22.845 ± 0.654	1953.1	5.47 ± 0.28	0.032 ± 0.026

803-X1 (22°12.94'N, 120°22.76'E; 377 m; collected on August 6, 2006)

0-2	63.89	0.431 ± 0.431	2005.6	18.41 ± 0.65	0.0349 ± 0.0419 ← Haitang
2-4	56.76	1.419 ± 0.556	2002.2	21.00 ± 0.58	0.0286 ± 0.0307
4-6	55.85	2.548 ± 0.573	1998.4	28.30 ± 0.46	
6-8	52.97	3.749 ± 0.628	1994.2	27.60 ± 0.55	0.0620 ± 0.0226
8-10	51.53	5.034 ± 0.657	1989.8	22.68 ± 0.60	0.1026 ± 0.0273
10-12	50.60	6.366 ± 0.676	1985.2	21.63 ± 1.02	
12-14	50.33	7.723 ± 0.681	1980.6	20.75 ± 0.44	
14-16	51.58	9.061 ± 0.656	1976.0	19.61 ± 0.40	0.1173 ± 0.0187
16-18	51.99	10.364 ± 0.648	1971.5	17.17 ± 0.47	0.0873 ± 0.0266
18-20	51.99	11.659 ± 0.648	1967.0	15.33 ± 0.40	0.1188 ± 0.0184
20-22	59.02	12.822 ± 0.515	1963.0	21.73 ± 0.72	0.1164 ± 0.0317
22-24	46.85	14.092 ± 0.755	1953.0	14.57 ± 0.34	0.0620 ± 0.0180
24-26	47.42	15.589 ± 0.743	1941.2	11.94 ± 0.23	0.0757 ± 0.0114
26-28	47.27	17.078 ± 0.746	1929.5	7.32 ± 0.40	
28-30	51.02	18.491 ± 0.667	1918.4	5.31 ± 0.24	0.0374 ± 0.0130

