

Table S2-2. Concentrations of radionuclides in the sediments collected in the waters off Miyagi, Fukushima, and Ibaraki Prefectures in Japan

Stn.	Sampling Date	I-131 (Bq/kg)	Te-129m (Bq/kg)	Te-129 (Bq/kg)	Nb-95 (Bq/kg)	Ag-110m (Bq/kg)	Sb-125 (Bq/kg)	Sr-90 (Bq/kg)	Sr-89 (Bq/kg)
B1	2011/5/11 2011/5/25	1.6 ± 0.4	27 ± 4.6 13 ± 3.9	13 ± 4.1				ND	
B3	2011/9/14 2011/10/18 2011/12/14 2012/2/17					1.5 ± 0.17  0.74 ± 0.2		0.36 ± 0.037 0.24 ± 0.079 0.22 ± 0.065 ND	ND ND ND
C1	2011/5/11 2011/5/25 2011/6/9 2011/7/30	5.2 ± 0.3 1.0 ± 0.2	44 ± 3.3 22 ± 2.9 11 ± 2.7	29 ± 2.9 13 ± 2.3 8.7 ± 2.3	0.82 ± 0.17	  0.39 ± 0.08		ND	
C3	2011/9/14							0.12 ± 0.036	
D1	2011/5/10 2011/5/24 2011/6/7 2011/6/21 2011/7/6 2011/7/30 2011/9/13 2011/9/13 2011/9/13 2011/9/13 2011/10/19 2011/12/13 2012/2/21	2.7 ± 0.7	120 ± 8.8 45 ± 7 63 ± 6.5 55 ± 4.6 18 ± 3.8 21 ± 5.7  18 ± 4.6  93 ± 6.6 100 ± 10	76 ± 7.2  43 ± 5.6 46 ± 4.1 18 ± 3.4   69 ± 7.5 66 ± 10	1.4 ± 0.39  0.81 ± 0.22   4.9 ± 0.42  1.6 ± 0.44	  0.82 ± 0.22 0.87 ± 0.15 0.74 ± 0.13  0.86 ± 0.13 0.93 ± 0.16 3.8 ± 0.18  1.2 ± 0.17	      10 ± 0.79  0.11 ± 0.033	ND  ND  ND  0.32 ± 0.036   0.13 ± 0.032 0.24 ± 0.036 0.11 ± 0.033	
E1	2011/5/10 2011/5/24 2011/6/7 2011/6/21 2011/7/6 2011/7/29 2011/9/11 2011/10/22 2011/12/10 2012/2/13	4.3 ± 0.4	190 ± 5 110 ± 6 140 ± 7.3 30 ± 2.9 240 ± 8.6 100 ± 4.3 73 ± 6.6 33 ± 7.7	120 ± 3.3 72 ± 4.2 99 ± 5.4 15 ± 1.9 140 ± 6.8 62 ± 3.2 48 ± 3.8 26 ± 3.5	0.89 ± 0.15	0.81 ± 0.13 0.76 ± 0.17 1.3 ± 0.2  2.7 ± 0.27 1.4 ± 0.12 2.7 ± 0.19 3.2 ± 0.21 2.6 ± 0.21 2.2 ± 0.19		ND  ND  ND  0.11 ± 0.034 0.12 ± 0.034 0.12 ± 0.037	ND
F1	2011/5/9 2011/5/23 2011/6/6	4.6 ± 0.3 1.6 ± 0.3	100 ± 4.3 100 ± 4.7 95 ± 4.7	66 ± 3.1 68 ± 2.9 67 ± 3.2	1.6 ± 0.19 1 ± 0.081 0.82 ± 0.076	0.56 ± 0.12 0.7 ± 0.13		ND  ND	

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F1	2011/6/20		100 ± 6	55 ± 4.4	1.1 ± 0.26	0.63 ± 0.18		ND	
	2011/7/5		59 ± 3.6	44 ± 2.7	0.62 ± 0.061	0.57 ± 0.11			
	2011/7/29		59 ± 5.3	31 ± 4.4		1.1 ± 0.17			
	2011/9/11			20 ± 3.1		0.73 ± 0.16	3.6 ± 0.58		
	2011/10/23			7.1 ± 2.3		0.67 ± 0.14			
	2011/12/9					0.43 ± 0.17			
	2012/2/12					0.45 ± 0.16		0.16 ± 0.034	
F3	2011/9/11					0.27 ± 0.13			
	2012/2/13					0.54 ± 0.13	3.5 ± 0.4		
G0	2011/9/10		41 ± 7.2	29 ± 4.2		1.5 ± 0.2	3.9 ± 0.69	0.2 ± 0.035	
	2011/10/23					0.73 ± 0.2		0.19 ± 0.03	
	2011/12/9					1.1 ± 0.17			
	2012/2/11					1.1 ± 0.19			
G1	2011/5/9	6.1 ± 0.3	38 ± 3.2	23 ± 2.2					
	2011/5/23	2.5 ± 0.4	33 ± 6	21 ± 4					
	2011/6/6	1.5 ± 0.4	47 ± 5.4	30 ± 4					
	2011/6/20		66 ± 5.7	48 ± 5.2					
	2011/7/5		22 ± 5.4						
	2011/7/28		15 ± 3.2						
	2011/9/10					0.35 ± 0.14			
	2011/10/23			9.6 ± 2.9		0.84 ± 0.17			
	2011/12/9					0.91 ± 0.16	2.4 ± 0.57	ND	
	2012/2/12					0.63 ± 0.18	2 ± 0.53		
H1	2011/5/13	1.6 ± 0.4	37 ± 4.6	26 ± 3.4	1.3 ± 0.26			ND	
	2011/5/27		140 ± 6.5	84 ± 4.2					
	2011/6/10		41 ± 5.7	28 ± 3.8					
	2011/6/25		39 ± 2.9	20 ± 2.2					
	2011/7/5		28 ± 4.5	22 ± 3.5	1.2 ± 0.25				
	2011/7/25		19 ± 3.2	9.6 ± 2.7					
	2011/9/9		22 ± 4.9	8.5 ± 2.3		0.41 ± 0.15			
	2011/10/23					0.51 ± 0.15			
	2012/2/9					0.5 ± 0.15			
H3	2011/9/9			6.4 ± 2.1		0.76 ± 0.13			
	2011/10/24					0.39 ± 0.12			
	2011/12/7					0.57 ± 0.13			
	2012/2/10					0.27 ± 0.13			
I0	2011/9/9		29 ± 4.7	16 ± 2.9		1.9 ± 0.16	4.7 ± 0.47	0.2 ± 0.031	
	2011/10/25					2.3 ± 0.21	3.5 ± 0.82	0.22 ± 0.032	
	2011/12/7					1.4 ± 0.21	4.3 ± 0.85		

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I0	2012/2/9					1.4 ± 0.21	7.8 ± 0.82		
I1	2011/5/13	2.1 ± 0.2							
	2011/5/27	3.0 ± 0.3	51 ± 3.9	34 ± 3.2	2 ± 0.2		2.1 ± 0.66		
	2011/6/9		15 ± 3.4	11 ± 2.3					
	2011/6/23								
	2011/7/6							ND	
	2011/7/28								
	2011/9/9					0.58 ± 0.13			
	2011/10/25					1.3 ± 0.19		0.1 ± 0.032	
	2011/12/7					2 ± 0.23	4.1 ± 1	0.46 ± 0.039	
	2012/2/9					1.3 ± 0.22	5.8 ± 0.9	0.35 ± 0.039	
I3	2011/9/9						0.8 ± 0.23		
	2012/2/9					0.31 ± 0.12			
J1	2011/5/13	5.2 ± 0.4	65 ± 5.2	43 ± 3.6	1.9 ± 0.24			ND	
	2011/5/25		25 ± 4	21 ± 2.9					
	2011/6/8	1.3 ± 0.3	17 ± 4	19 ± 4				ND	
	2011/7/6		27 ± 4.4		0.69 ± 0.23			ND	
	2011/9/8		55 ± 6.3	37 ± 4.4	2.5 ± 0.25	3.9 ± 0.19	11 ± 0.72	1.9 ± 0.11	ND
	2011/12/6							ND	
	2012/2/6							ND	
J2	2011/9/8					0.54 ± 0.097	1.2 ± 0.23		
	2012/2/5						1.7 ± 0.28		
J3	2011/12/6						1.3 ± 0.33		
K1	2011/5/14		6.6 ± 2						
	2011/5/25								
	2011/6/7		14 ± 4.3					ND	
	2011/6/22								
	2011/7/7							ND	
	2011/7/26		14 ± 3.3	15 ± 3.1		0.65 ± 0.11			
L3	2011/10/13					4.9 ± 0.2			

Radioactivities listed above were corrected for decay for the sampling date

ND: not detected