

Sea Area Monitoring

February 26, 2018

Nuclear Regulation Authority (NRA), Japan

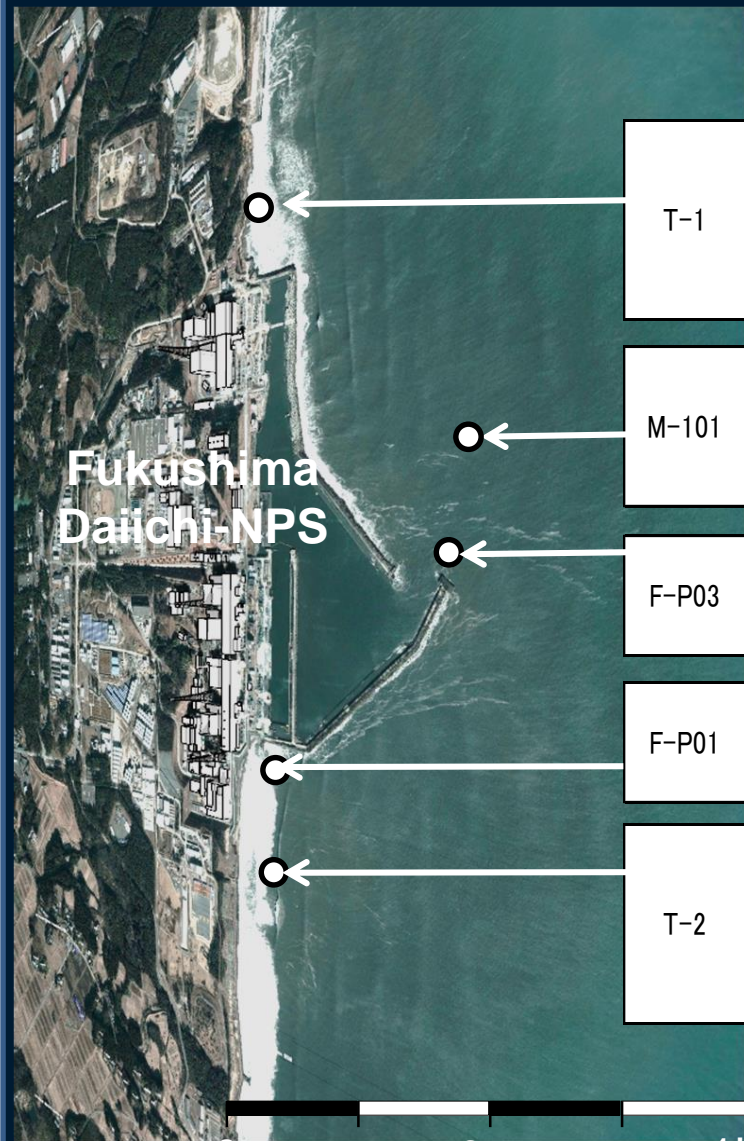
The most recent radioactivity data of sea area within 2km from the NPS

Sampling point	Sampling Date	Cs-134	Cs-137	Gross β	H-3	Sr-90	Gross α	Pu-238	Pu-239+Pu-240
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Sea water radioactivity (Bq/L):

ND: Not detected; Numbers in parentheses: detection limits

*1: Gross β including K-40 *2: Gross β excluding K-40



T-1	2017/11/27	0.068	0.056	11 ^{*1}	ND(1.9)				
	2017/12/4	0.015	0.12	11 ^{*1}	ND(1.8)	0.0050	ND(2.2)		
	2017/12/11	0.018	0.14	10 ^{*1}	ND(1.5)				
	2017/12/18	0.017	0.14	13 ^{*1}	ND(1.7)				
	2017/12/25	0.011	0.097	11 ^{*1}	ND(1.6)				
M-101	2017/8/2	0.017	0.12		0.42	0.013			
	2017/9/7	0.0033	0.031		0.15	0.0015			
	2017/10/5	0.0010	0.0072			0.00094			
	2017/11/2				0.11				
F-P03	2017/9/14	ND(0.003)	0.008	0.02 ^{*2}	ND(0.34)	0.0011		ND(5×10^{-6})	ND(5×10^{-6})
	2017/10/17	ND(0.003)	0.012	0.02 ^{*2}	ND(0.33)	0.0011		ND(8×10^{-6})	ND(6×10^{-6})
	2017/11/14	0.003	0.022	0.02 ^{*2}	ND(0.34)	0.0020		ND(6×10^{-6})	ND(6×10^{-6})
F-P01	2017/9/14	0.002	0.017	0.02 ^{*2}	ND(0.34)	0.0009		ND(6×10^{-6})	ND(6×10^{-6})
	2017/10/17	0.004	0.030	0.02 ^{*2}	ND(0.33)	0.0016		ND(6×10^{-6})	ND(6×10^{-6})
	2017/11/14	0.003	0.019	0.02 ^{*2}	ND(0.33)	0.0025		ND(5×10^{-6})	ND(5×10^{-6})
T-2	2017/11/27	0.0073	0.060	13 ^{*1}	ND(1.7)				
	2017/12/4	0.0036	0.031	12 ^{*1}	ND(1.5)	0.0026	ND(2.0)		
	2017/12/11	0.0030	0.026	12 ^{*1}	ND(1.6)				
	2017/12/18	0.0049	0.039	11 ^{*1}	ND(1.7)				
	2017/12/25	0.0070	0.065	8.5 ^{*1}	ND(1.6)				

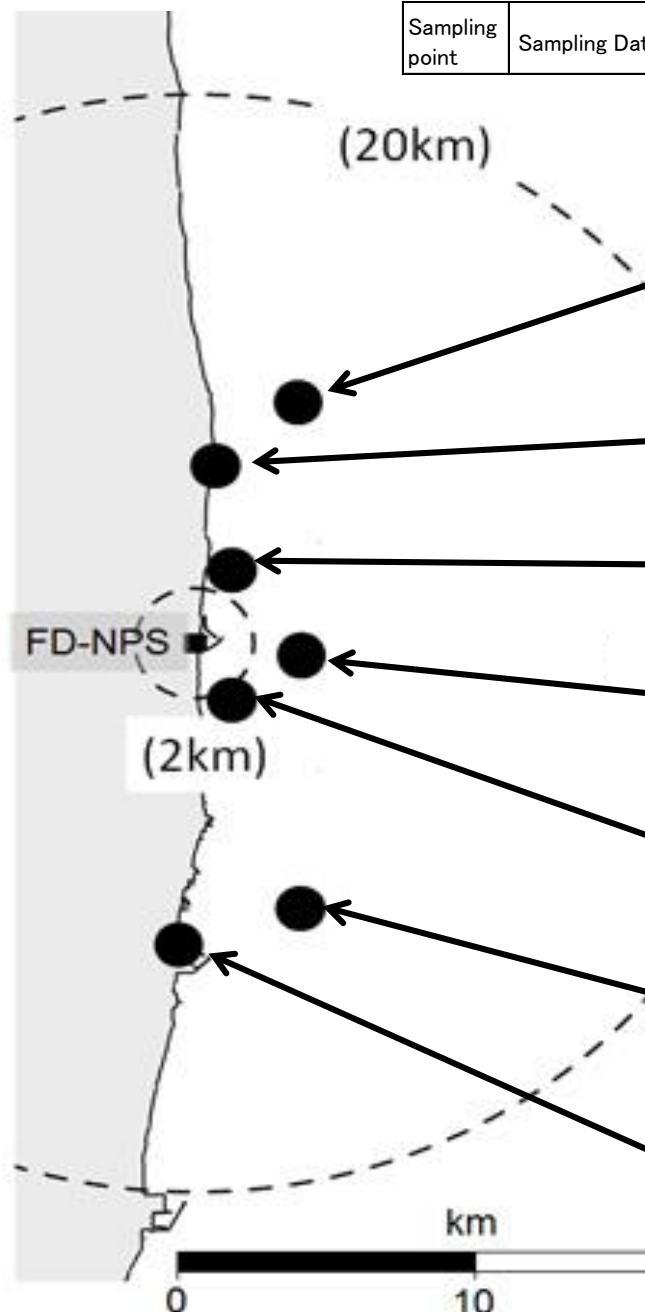
Most recent radioactivity data of sea area between 2-20km from the NPS (1)

Sampling point	Sampling Date	Cs-134	Cs-137	Gross β *	H-3	Sr-90	Gross α	Pu-238	Pu-239+240	S	S:2m below sea level Depth(m) from sea level
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Sea water radioactivity (Bq/L):

ND: Not detected; Numbers in parentheses: detection limits

Gross β * :including K-40

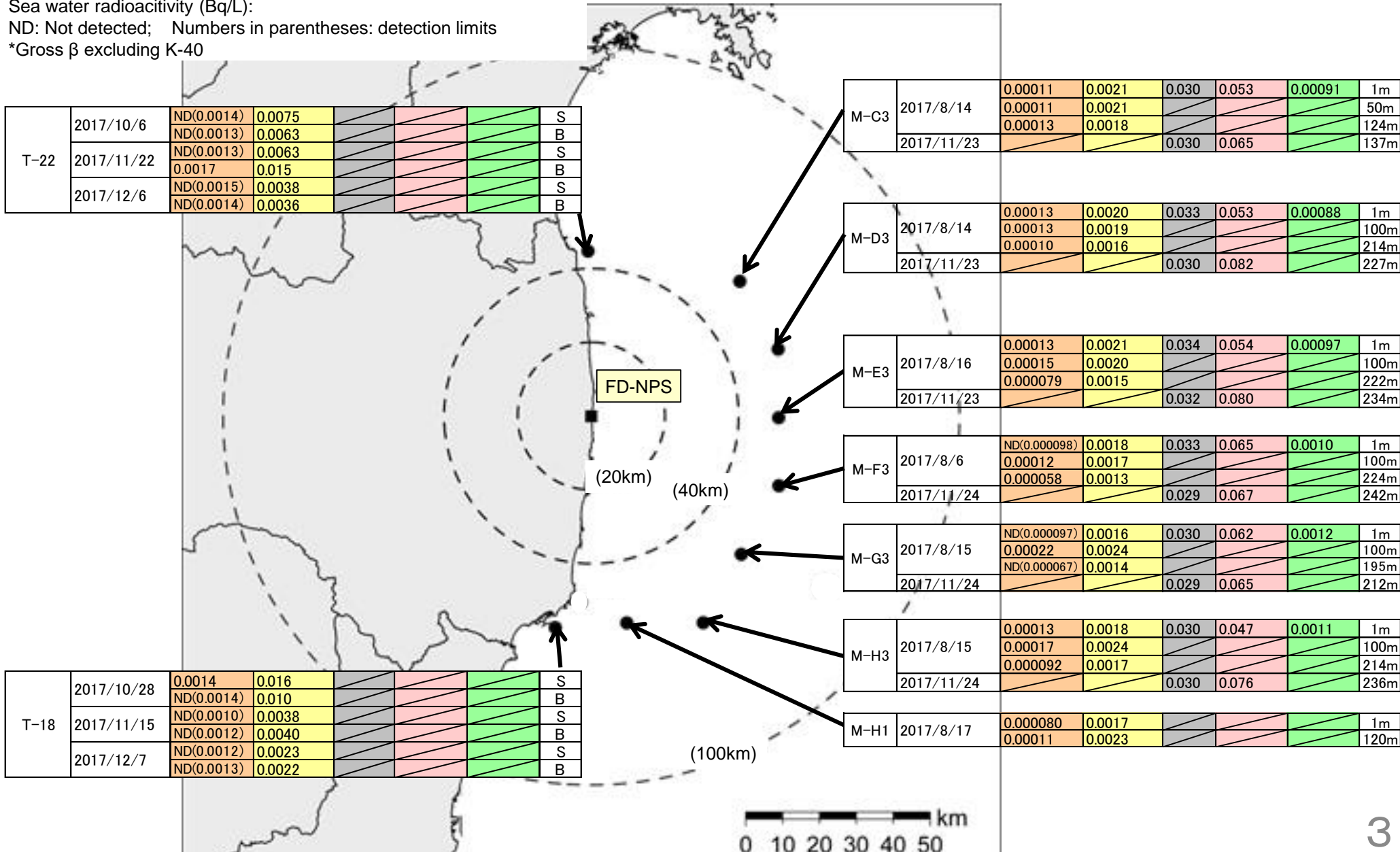


T-D1	2016/10/3	0.0018	0.012	ND(16)	ND(0.36)	ND(0.0068)	ND(1.6)	ND(5.5×10^{-6})	ND(5.2×10^{-6})	S
	2017/11/20	ND(0.0012)	0.0090	ND(18)	ND(0.36)					S
	2017/12/4	ND(0.0013)	0.0092	ND(18)	ND(0.36)	0.0023	ND(1.9)			S
	2017/12/18	ND(0.0012)	0.0055	ND(18)	ND(0.36)					S
T-6	2017/11/21	0.0046	0.042	ND(16)	ND(0.31)					S
	2017/12/5	0.0037	0.028	ND(18)	ND(0.32)					S
	2017/12/19	0.0033	0.025	ND(16)	ND(0.31)					S
M-103	2017/10/5	ND(0.00074)	0.0071			0.00091				0.5m
	2017/11/2				0.10					0.5m
T-D5	2016/10/4	ND(0.0013)	0.0091	ND(16)	ND(0.36)	0.0098	ND(1.6)	ND(8.2×10^{-6})	ND(8.2×10^{-6})	S
	2017/11/20	ND(0.0013)	0.0066	ND(18)	ND(0.36)					S
	2017/12/4	ND(0.0013)	0.011	ND(18)	ND(0.36)	0.0024	ND(1.9)			S
	2017/12/18	ND(0.0012)	0.0057	ND(18)	ND(0.36)					S
M-104	2017/10/4	0.00083	0.0084			0.00093				0.5m
	2017/11/1				0.097					0.5m
T-D9	2016/10/4	0.0015	0.0085	ND(15)	ND(0.33)	ND(0.0080)	ND(1.6)	ND(7.3×10^{-6})	ND(7.1×10^{-6})	S
	2017/11/22	ND(0.0013)	0.0056	ND(16)	ND(0.31)					S
	2017/12/4	0.0010	0.0099	ND(18)	ND(0.36)	0.0012	ND(2.3)			S
	2017/12/20	ND(0.0013)	0.0043	ND(17)	ND(0.32)					S
T-3	2017/11/21	0.0039	0.032	ND(15)	ND(0.31)					S
	2017/12/5	0.0033	0.026	ND(15)	ND(0.30)					S
	2017/12/19	0.0028	0.021	ND(18)	ND(0.30)					S

Most recent radioactivity data of sea area between 40-100km from the NPS

Sampling point	Sampling Date	Cs-134	Cs-137	Grossβ *	H-3	Sr-90	S/B	
		S: 2m below sea level B: 2-3m above sea bottom					Depth(m) from sea level	

Sea water radioactivity (Bq/L):
 ND: Not detected; Numbers in parentheses: detection limits
 *Gross β excluding K-40

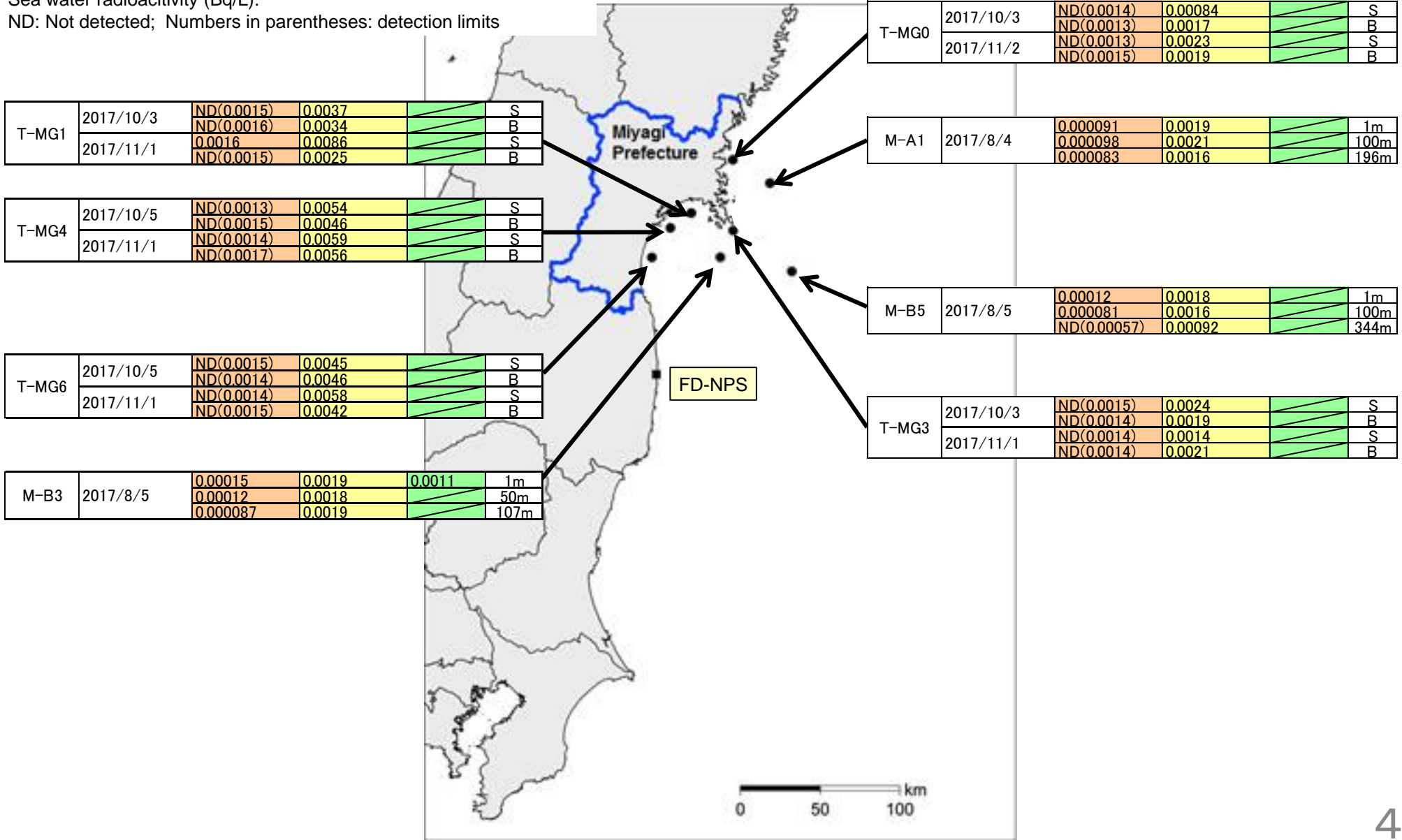


Most recent radioactivity data of sea area along and off the coast of Miyagi Prefecture

Sampling point	Sampling Date	Cs-134	Cs-137	Sr-90	S/B	S:2m below sea level	B:2-3m above sea bottom
					Depth(m) from sea level		

Sea water radioactivity (Bq/L):

ND: Not detected; Numbers in parentheses: detection limits

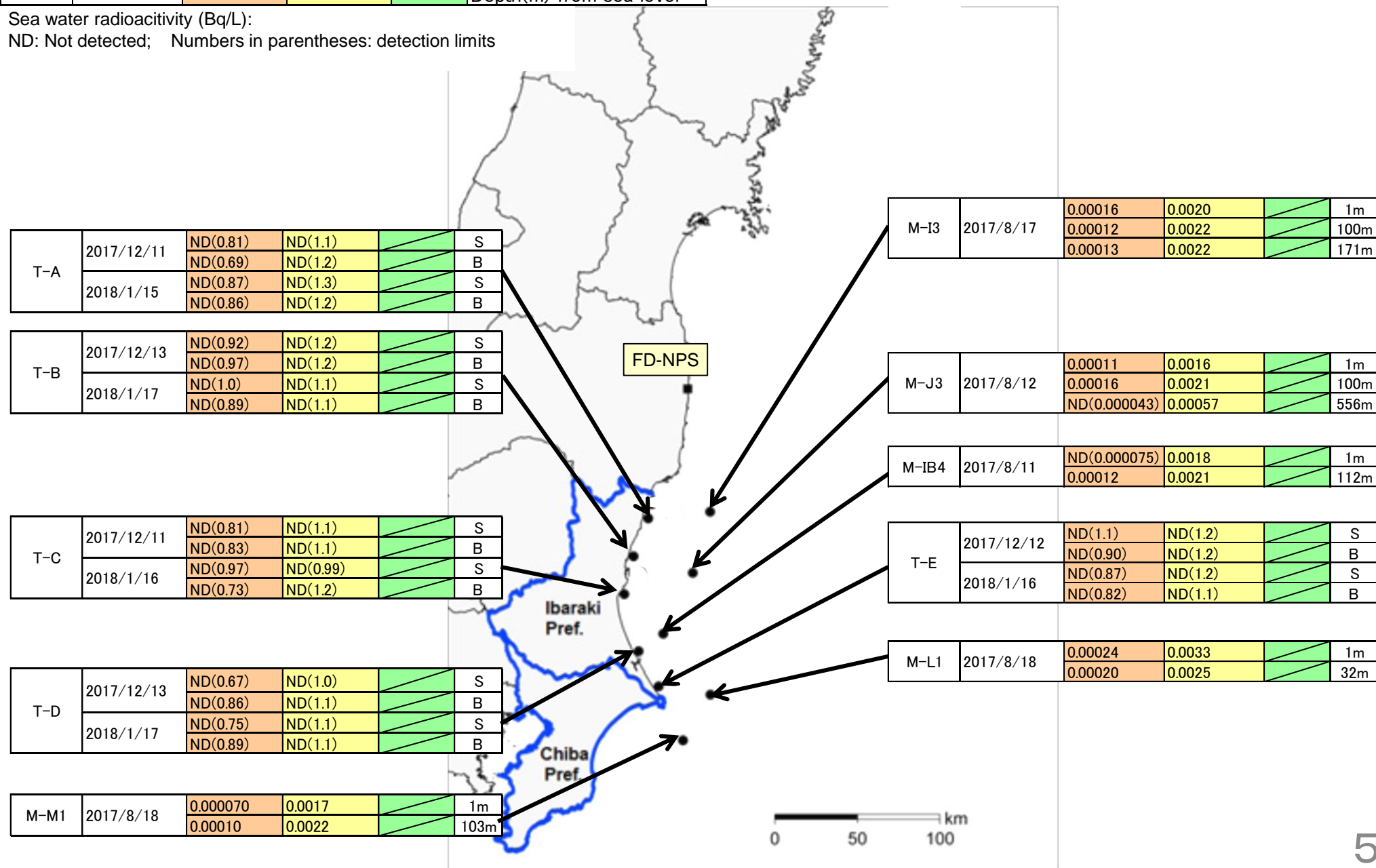


Most recent radioactivity data of sea area along and off the coast of Ibaraki Pref. and Chiba Pref.

Sampling point	Sampling Date	Cs-134	Cs-137	Sr-90	S/B	S:2m below sea level	B:2-3m above sea bottom
					Depth(m) from sea level		

Sea water radioactivity (Bq/L):

ND: Not detected; Numbers in parentheses: detection limits



Most recent radioactivity data of open sea off the coast of Eastern Japan

Sampling point	Sampling Date	Cs-134	Cs-137	Depth(m) from sea level
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Sea water radioactivity (Bq/L):

ND: Not detected; Numbers in parentheses: detection limits

M-10	2017/5/27	ND(0.00059)	0.0011	1m
		ND(0.00058)	0.0011	100m
		ND(0.00062)	0.00097	200m
		ND(0.00057)	0.00099	300m
		ND(0.00055)	0.00071	500m

M-14	2017/5/28	ND(0.00059)	0.0027	1m
		ND(0.00062)	0.0023	100m
		ND(0.00051)	0.0018	200m
		ND(0.00055)	0.0012	300m
		ND(0.00054)	0.00081	500m

M-19	2017/5/31	ND(0.00055)	0.0025	1m
		ND(0.00062)	0.0025	100m
		ND(0.00061)	0.0026	200m
		ND(0.00064)	0.0018	300m
		ND(0.00063)	0.00096	500m

M-20	2017/5/29	ND(0.00063)	0.0018	1m
		ND(0.00059)	0.0027	100m
		ND(0.00059)	0.0028	200m
		ND(0.00062)	0.0027	300m
		ND(0.00062)	0.0024	500m

M-25	2017/5/31	ND(0.00063)	0.0016	1m
		ND(0.00062)	0.0023	100m
		ND(0.00062)	0.0027	200m
		ND(0.00062)	0.0032	300m
		ND(0.00061)	0.0032	500m

M-11	2017/5/27	ND(0.00059)	0.0024	1m
		ND(0.00052)	0.0023	100m
		ND(0.00060)	0.0019	200m
		ND(0.00059)	0.0014	300m
		ND(0.00061)	0.00075	500m

M-15	2017/5/28	ND(0.00067)	0.0018	1m
		ND(0.00061)	0.0017	100m
		ND(0.00070)	0.0016	200m
		ND(0.00061)	0.0011	300m
		ND(0.00063)	0.0010	500m

M-21	2017/5/29	ND(0.00057)	0.0016	1m
		ND(0.00064)	0.0025	100m
		ND(0.00058)	0.0031	200m
		ND(0.00057)	0.0031	300m
		ND(0.00060)	0.0021	500m

M-27	2017/5/30	ND(0.00059)	0.0016	1m
		ND(0.00064)	0.0029	100m
		ND(0.00061)	0.0031	200m
		ND(0.00061)	0.0028	300m
		ND(0.00062)	0.0026	500m

M-26	2017/5/30	ND(0.00056)	0.0018	1m
		ND(0.00054)	0.0021	100m
		ND(0.00057)	0.0030	200m
		ND(0.00056)	0.0029	300m
		ND(0.00057)	0.0020	500m

