

Sea Area Monitoring

November 26, 2019

Nuclear Regulation Authority (NRA), Japan

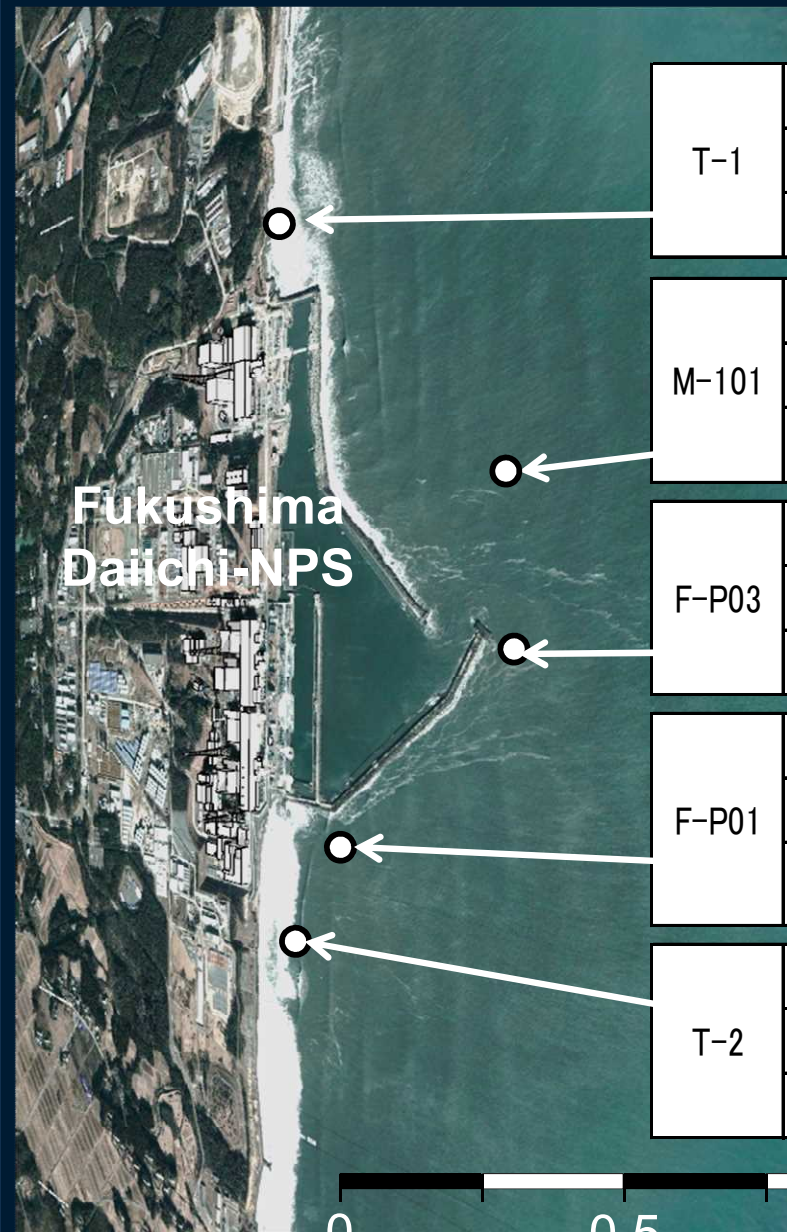
The most recent radioactivity data of sea area within 2km from the NPS

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	2019/7/1	0.0047	0.056	8.4 * ¹	ND(0.94)	0.0037	ND(2.0)		
	2019/8/5	0.0012	0.17	12	2.7	0.0047	ND(2.9)		
	2019/10/7	0.0036	0.052	11	ND(0.83)	0.0014	ND(1.9)		
M-101	2019/6/14	0.0038	0.046		0.075	0.0010			
	2019/7/11	0.0011	0.013		0.16	0.0012			
	2019/8/9				0.12	0.0014			
F-P03	2019/4/17	ND(0.003)	0.032	12	ND(0.36)	0.0012		ND(7×10^{-6})	9×10^{-6}
	2019/5/10	ND(0.003)	0.006	0.02 * ²	ND(0.35)	0.0006		ND(8×10^{-6})	ND(7×10^{-6})
	2019/6/4	0.006	0.066	0.03 * ²	ND(0.35)	0.0026		ND(7×10^{-6})	9×10^{-6}
F-P01	2019/4/17	ND(0.003)	0.019	0.03 * ²	ND(0.36)	0.0008		ND(9×10^{-6})	ND(1.5×10^{-5})
	2019/5/10	ND(0.003)	0.016	0.02 * ²	ND(0.35)	0.0007		ND(7×10^{-6})	6×10^{-6}
	2019/6/4	ND(0.002)	0.010	0.03 * ²	ND(0.35)	0.0005		ND(8×10^{-6})	6×10^{-6}
T-2	2019/8/5	0.0035	0.051	12	ND(0.96)	0.0012	ND(2.7)		
	2019/9/2	0.0026	0.038	9.3	ND(0.83)	0.0015	ND(2.2)		
	2019/10/7	0.0031	0.050	12	ND(0.83)	0.0022	ND(2.4)		

0 0.5 1km

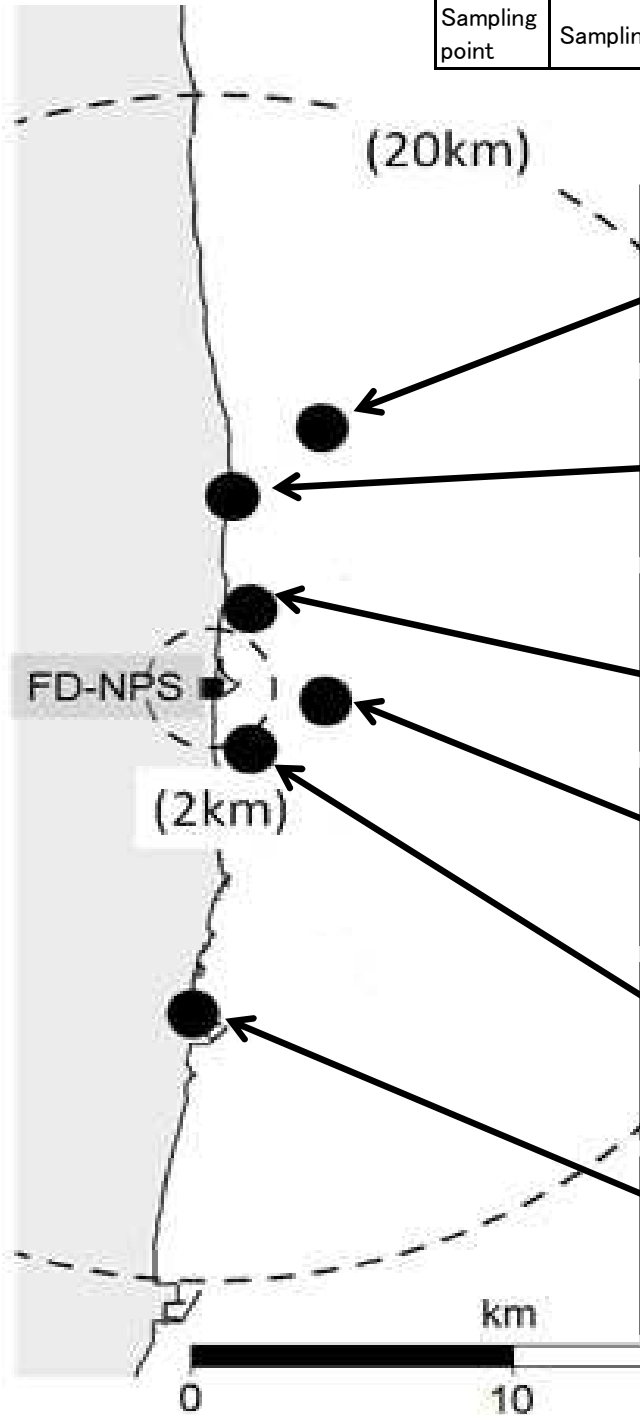
Most recent radioactivity data of sea area between 2-20km from the NPS

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
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Sea water radioactivity (Bq/L):

ND: Not detected; Numbers in parentheses: detection limits

Gross β : including K-40

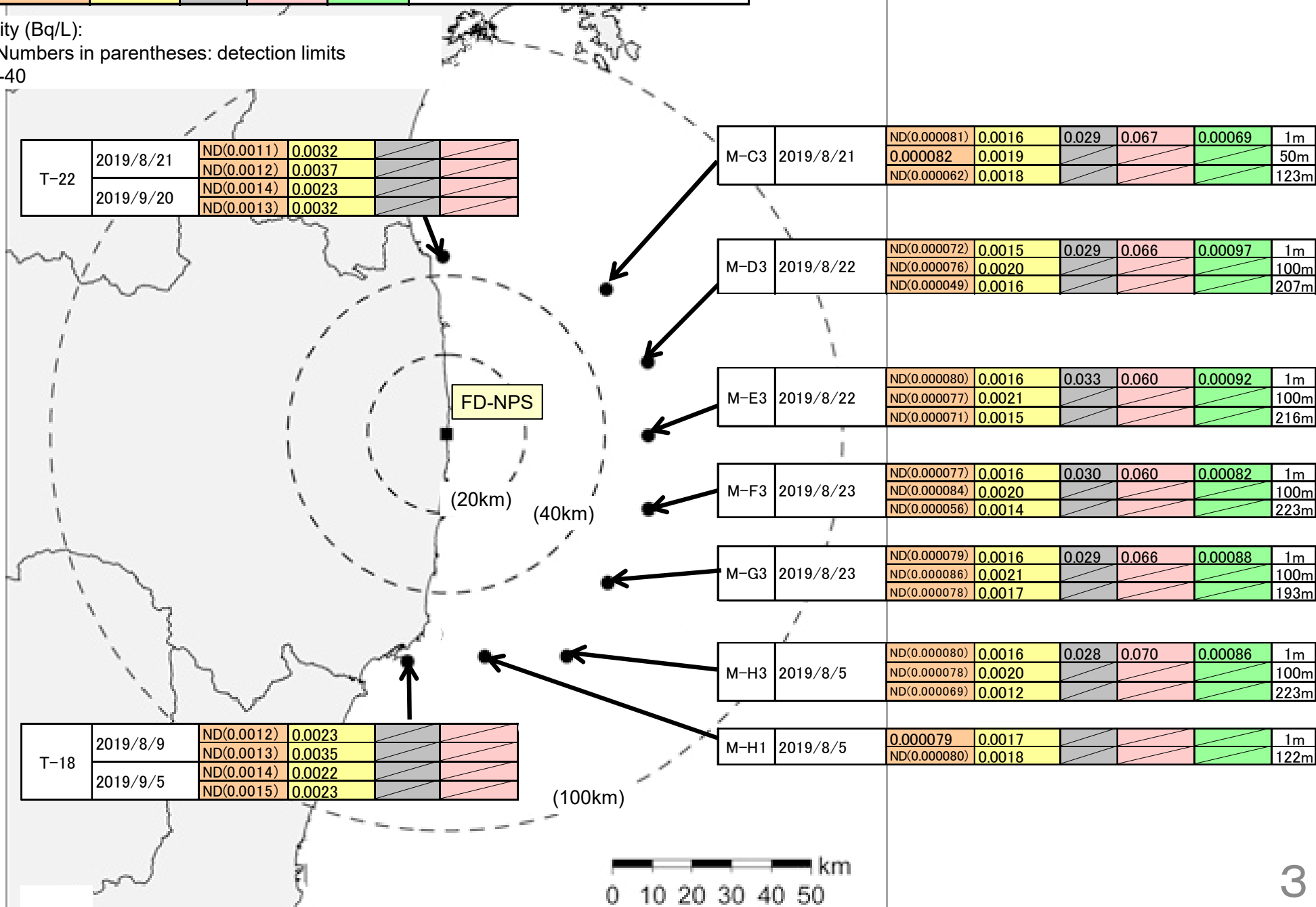


T-D1	2019/8/8	ND(0.0011)	0.0030	ND(16)	ND(0.36)	0.0011	ND(2.6)			S
	2019/9/2	ND(0.00097)	0.0029	ND(15)	0.37	0.0014	ND(2.3)			S
	2019/10/1	ND(0.0011)	0.0046	ND(15)	ND(0.39)	0.00082	ND(2.2)			S
T-6	2019/8/6	0.0019	0.023	ND(16)	ND(0.36)					S
	2019/9/3	ND(0.0014)	0.0073	ND(13)	0.55					S
	2019/10/1	ND(0.0013)	0.014	ND(13)	ND(0.35)					S
M-103	2019/6/14	0.00087	0.013		0.085	0.0013				0.5m
	2019/7/11	0.00087	0.014		0.17	0.0011				0.5m
	2019/8/9				0.13	0.0013				0.5m
T-D5	2019/8/8	ND(0.0010)	0.0046	ND(16)	ND(0.36)	0.0013				S
	2019/9/2	ND(0.0012)	0.0031	ND(15)	ND(0.35)	0.0014	ND(2.4)			S
	2019/10/1	ND(0.0012)	0.0032	ND(15)	ND(0.39)	ND(0.00071)	ND(2.2)			S
M-104	2019/6/13	0.00042	0.0057		0.069	0.00086				0.5m
	2019/7/12	0.00080	0.0099		0.14	0.0010				0.5m
	2019/8/8				0.089	0.00095				0.5m
T-3	2019/8/6	0.0021	0.026	ND(19)	ND(0.34)					S
	2019/9/3	0.0023	0.026	ND(15)	ND(0.38)					S
	2019/10/1	0.0017	0.024	ND(15)	ND(0.32)					S

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

Sampling point	Sampling Date	Cs-134	Cs-137	Gross β	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

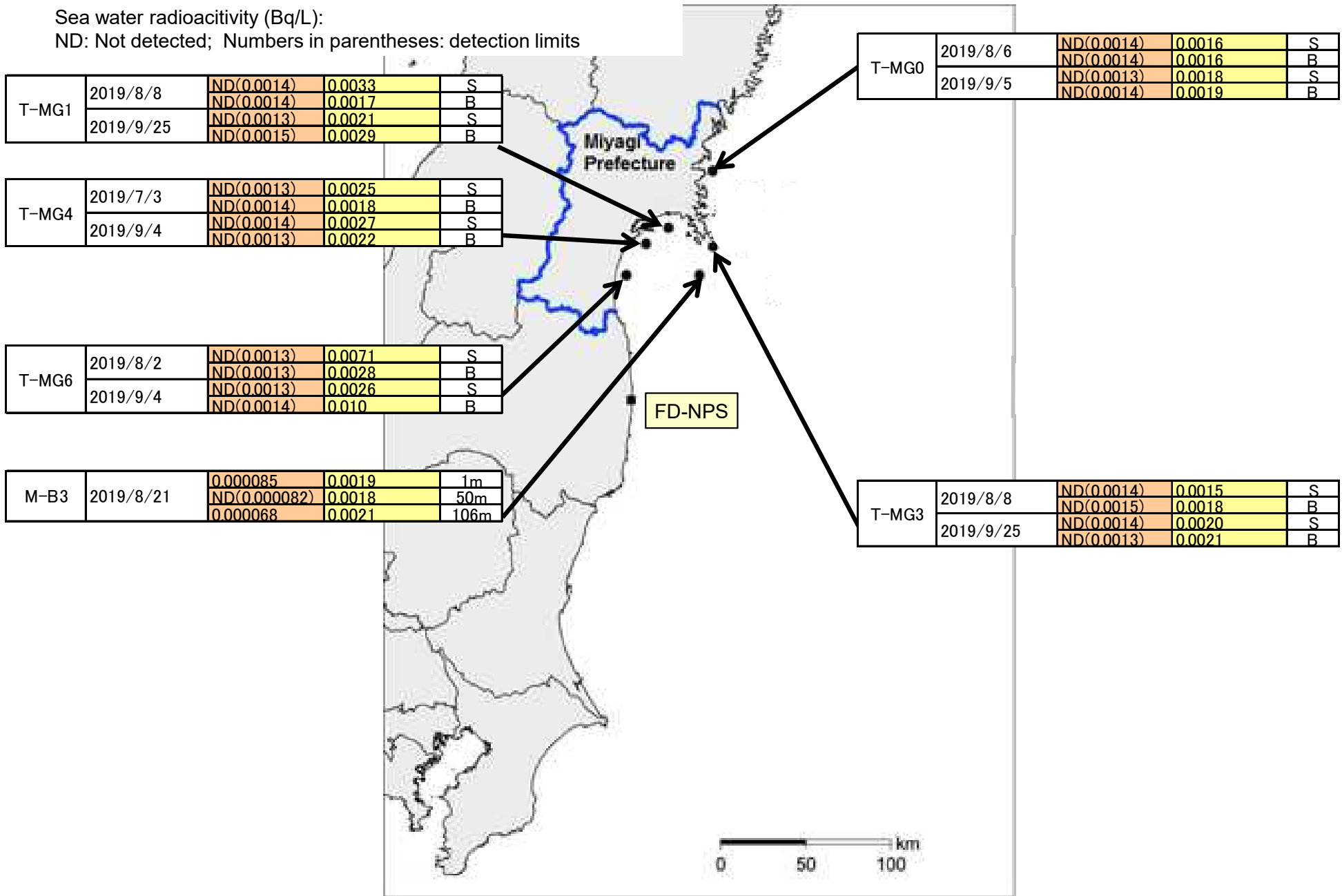


Most recent radioactivity data of sea area along and off the coast of Miyagi Prefecture

Sampling point	Sampling Date	Cs-134	Cs-137	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	S/B	S:2m below sea level	B:2-3m above sea bottom	Depth(m) from sea level
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Ibaraki Pref. and Chiba Pref.

Sea water radioactivity (Bq/L):
 ND: Not detected; Numbers in parentheses: detection limits

T-A	2019/9/6	ND(0.93)	ND(1.0)	S
		ND(0.93)	ND(1.1)	B
	2019/10/9	ND(1.0)	ND(1.1)	S
		ND(0.74)	ND(1.2)	B

T-B	2019/9/11	ND(0.92)	ND(1.2)	S
		ND(0.97)	ND(1.0)	B
	2019/10/10	ND(0.82)	ND(1.1)	S
		ND(0.79)	ND(1.1)	B

T-C	2019/9/10	ND(0.97)	ND(1.3)	S
		ND(0.97)	ND(1.0)	B
	2019/10/18	ND(1.1)	ND(1.2)	S
		ND(0.90)	ND(1.2)	B

T-D	2019/9/11	ND(0.97)	ND(1.2)	S
		ND(0.81)	ND(1.1)	B
	2019/10/17	ND(0.81)	ND(1.1)	S
		ND(0.74)	ND(1.2)	B

M-M1	2019/8/2	ND(0.000076)	0.0020	1m
		0.000120	0.0021	105m

M-I3	2019/8/5	ND(0.000087)	0.0019	1m
		ND(0.000084)	0.0019	100m
		ND(0.000082)	0.0017	178m

M-J3	2019/8/3	ND(0.000081)	0.0020	1m
		ND(0.000081)	0.0015	100m
		ND(0.000038)	0.00042	564m

M-IB4	2019/8/3	0.000091	0.0020	1m
		ND(0.000077)	0.0017	106m

T-E	2019/9/10	ND(1.0)	ND(1.1)	S
		ND(0.97)	ND(1.1)	B
	2019/10/9	ND(0.75)	ND(0.76)	S
		ND(0.54)	ND(0.80)	B

M-L1	2019/8/2	ND(0.000080)	0.0019	1m
		0.000094	0.0019	38m

