

Sea Area Monitoring

August 27, 2019

Nuclear Regulation Authority (NRA), Japan

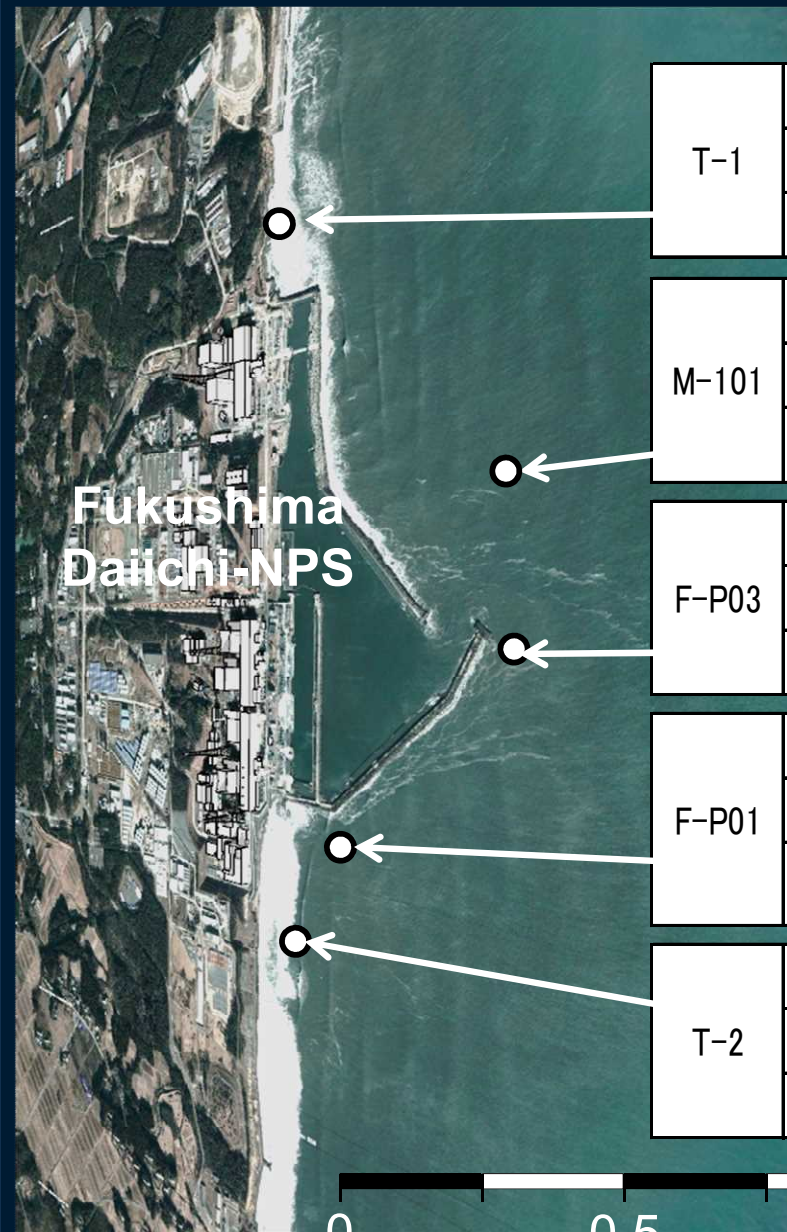
The most recent radioactivity data of sea area within 2km from the NPS

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	2019/5/6	0.010	0.12	11 ^{*1}	1.5	0.0053	ND(2.2)		
	2019/6/3	0.0098	0.13	11 ^{*1}	ND(0.89)	0.0051	ND(1.9)		
	2019/7/1	0.0047	0.06	8.4 ^{*1}	ND(0.94)	0.0037	ND(2.0)		
M-101	2019/2/14	0.0015	0.020		0.14	0.0011			
	2019/3/9	0.0013	0.020		0.086	0.0011			
	2019/4/18	0.011	0.14		0.20	0.0052			
F-P03	2019/3/18	ND(0.003)	0.020	0.03 ^{*2}	ND(0.36)	0.0011		ND(6×10^{-6})	ND(8×10^{-6})
	2019/4/17	ND(0.003)	0.032	0.03 ^{*2}	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})
F-P01	2019/3/18	ND(0.003)	0.027	0.04 ^{*2}	ND(0.36)	0.0014		ND(6×10^{-6})	7×10^{-6}
	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}
T-2	2019/5/6	0.0019	0.025	11 ^{*1}	ND(0.92)	0.0014	ND(2.3)		
	2019/6/3	0.0039	0.051	12 ^{*1}	ND(0.89)	0.0023	ND(2.0)		
	2019/7/1	0.0039	0.045	10 ^{*1}	ND(0.95)	0.0037	ND(2.1)		

0 0.5 1km

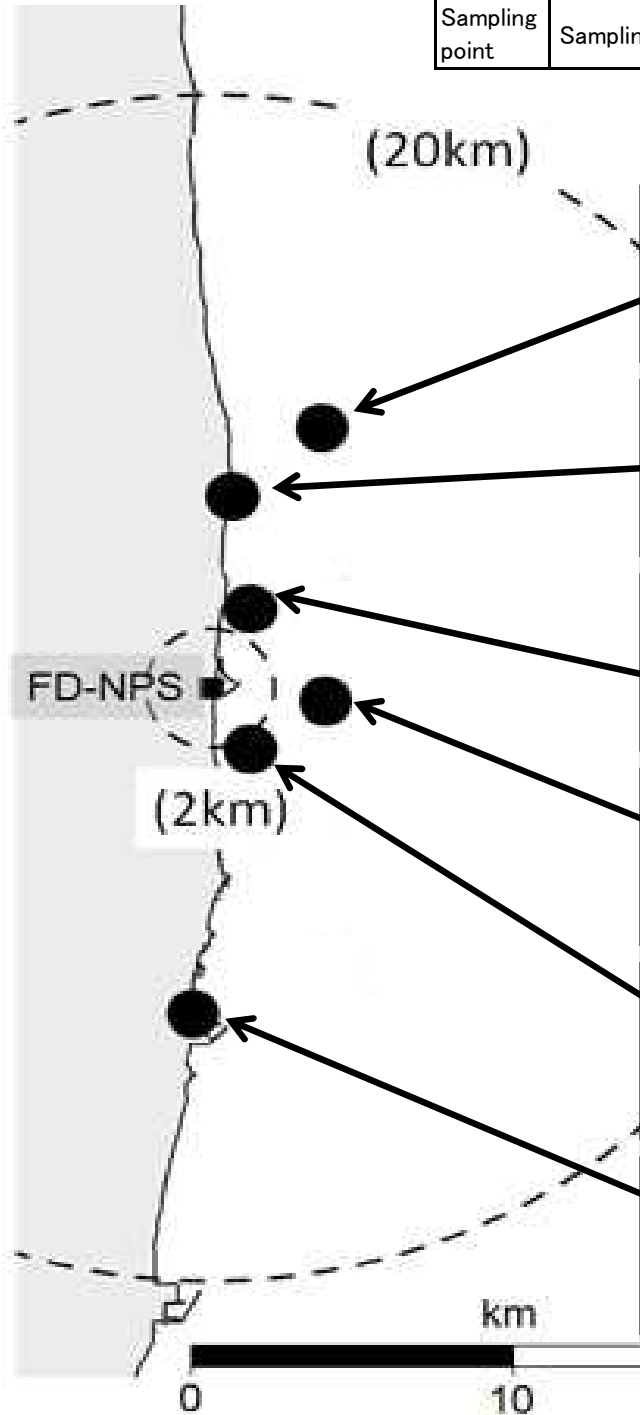
Most recent radioactivity data of sea area between 2-20km from the NPS

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 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

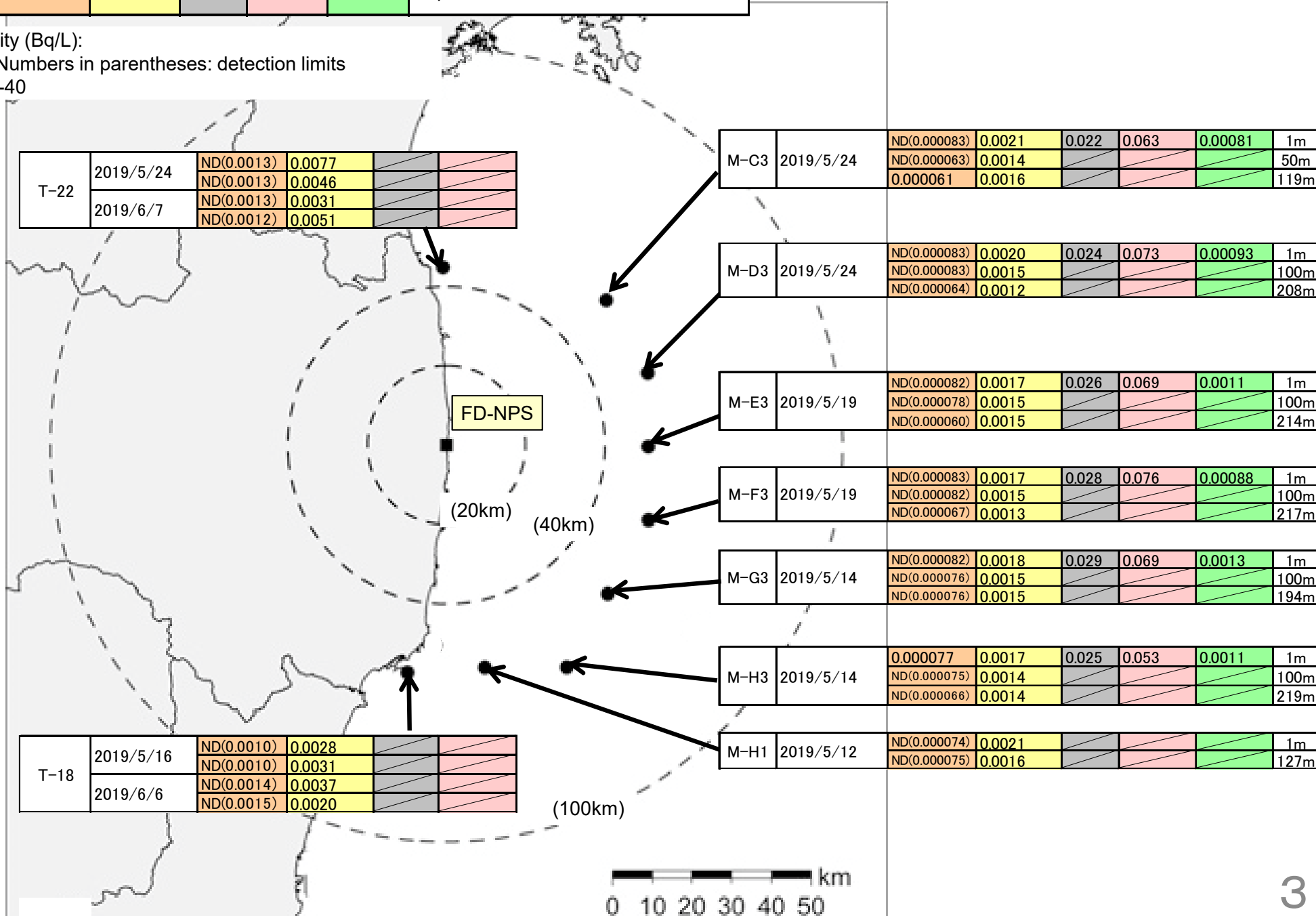


T-D1	2019/5/8	ND(0.0013)	0.0046	ND(17)	ND(0.35)	0.00011	ND(2.4)			S
	2019/6/3	ND(0.0012)	0.0042	ND(17)	ND(0.35)	0.00068	ND(2.3)			S
	2019/7/2	ND(0.0012)	0.0071	ND(15)	ND(0.34)	0.00086	ND(2.6)			S
T-6	2019/5/7	ND(0.0014)	0.010	ND(17)	0.39					S
	2019/6/4	0.0018	0.018	ND(16)	0.54					S
	2019/7/2	0.0023	0.026	ND(17)	ND(0.35)					S
M-103	2019/2/14	0.00057	0.0070		0.057	0.00098				0.5m
	2019/3/9	0.00081	0.011		ND(0.059)	0.0012				0.5m
	2019/4/18	0.00078	0.014		0.12	0.0014				0.5m
T-D5	2019/5/8	ND(0.0012)	0.0028	ND(17)	ND(0.35)	0.0011	ND(2.4)			S
	2019/6/3	ND(0.0013)	0.0052	ND(17)	ND(0.35)	0.0011				S
	2019/7/2	ND(0.0012)	0.0059	ND(15)	ND(0.34)	0.0014				S
M-104	2019/2/15	0.00056	0.0088		0.066	0.0011				0.5m
	2019/3/7	0.0010	0.014		0.090	0.0010				0.5m
	2019/4/17	0.0018	0.023		0.077	0.0018				0.5m
T-3	2019/5/7	0.0014	0.016	ND(15)	ND(0.33)					S
	2019/6/4	0.0015	0.016	ND(15)	0.57					S
	2019/7/2	0.0017	0.021	ND(16)	0.42					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

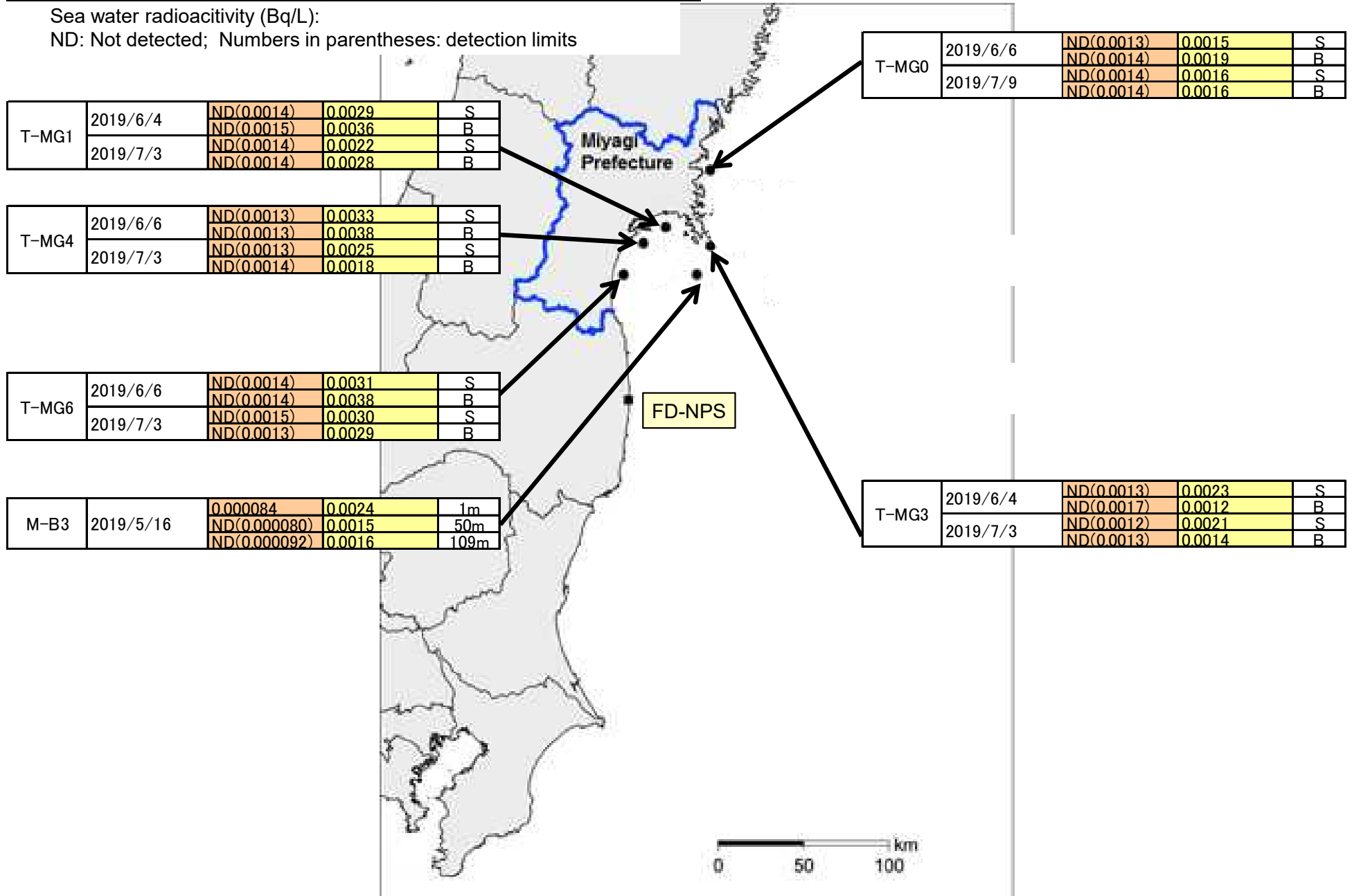


Most recent radioactivity data of sea area along and off the coast of Miyagi Prefecture

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	2019/6/13	ND(0.87)	ND(1.1)	S
		ND(0.92)	ND(1.1)	B
	2019/7/10	ND(1.1)	ND(1.1)	S
		ND(0.87)	ND(1.2)	B

T-B	2019/6/14	ND(0.97)	ND(1.2)	S
		ND(0.80)	ND(1.1)	B
	2019/7/12	ND(0.87)	ND(1.1)	S
		ND(0.79)	ND(1.1)	B

T-C	2019/6/17	ND(1.1)	ND(1.1)	S
		ND(0.80)	ND(1.2)	B
	2019/7/11	ND(0.97)	ND(1.1)	S
		ND(0.64)	ND(1.1)	B

T-D	2019/6/14	ND(0.87)	ND(1.0)	S
		ND(0.71)	ND(1.2)	B
	2019/7/12	ND(1.0)	ND(1.2)	S
		ND(0.70)	ND(1.2)	B

M-M1	2019/5/9	0.00010	0.0018	1m
		ND(0.000077)	0.0018	104m

M-I3	2019/5/12	0.000077	0.0019	1m
		ND(0.000069)	0.0014	100m
		0.000082	0.0016	175m

M-J3	2019/5/10	0.000076	0.0019	1m
		0.000077	0.0020	100m
		ND(0.000042)	0.00068	556m

M-IB4	2019/5/10	ND(0.000079)	0.0017	1m
		ND(0.000078)	0.0019	114m

T-E	2019/6/13	ND(0.97)	ND(1.0)	S
		ND(0.95)	ND(1.2)	B
	2019/7/11	ND(0.97)	ND(1.0)	S
		ND(0.64)	ND(1.1)	B

M-L1	2019/5/11	0.00010	0.0020	1m
		0.000089	0.0019	37m

