

Sea Area Monitoring

January 25, 2022

Nuclear Regulation Authority (NRA), Japan

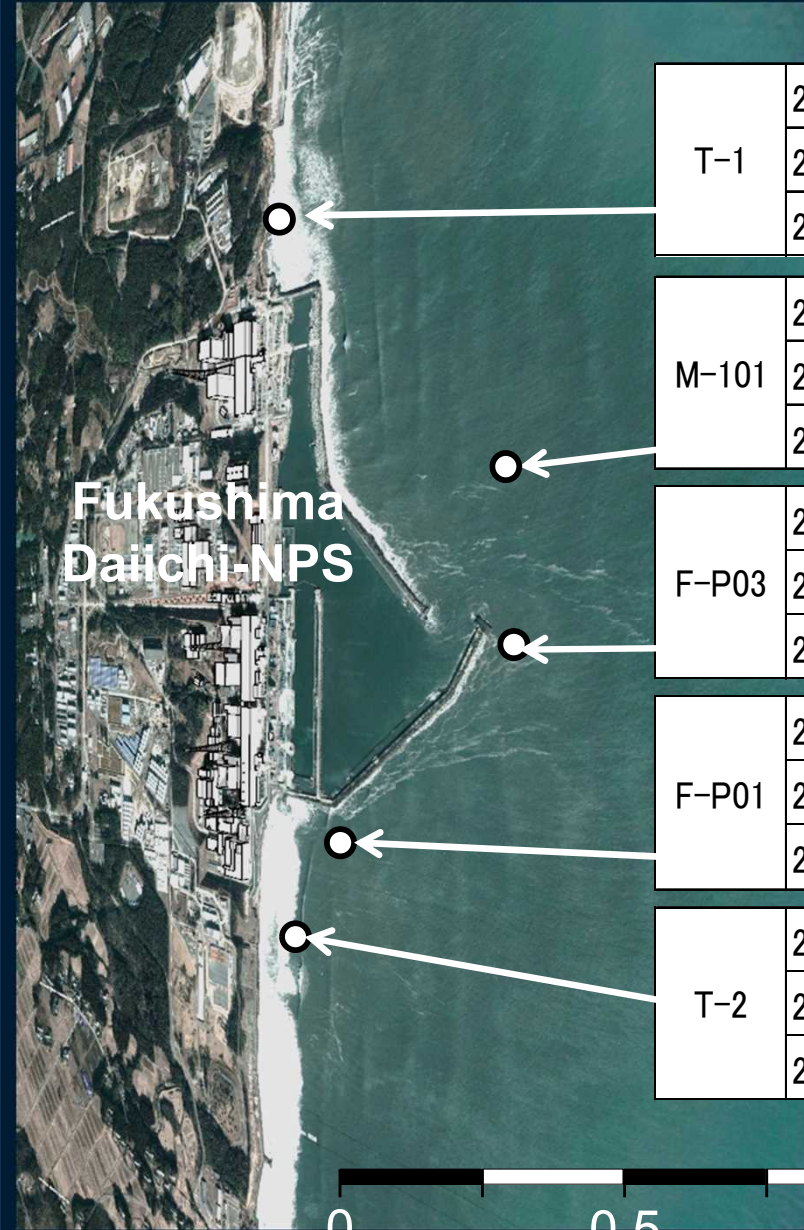
The most recent radioactivity data of sea area within 2km from the NPS

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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Seawater 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	2021/10/4	0.018	0.47	12 ^{*1}	2.1	0.032	ND(1.9)	ND(5.4×10^{-6})	ND(5.1×10^{-6})
	2021/11/1	0.0041	0.12	13 ^{*1}	0.89	0.011	ND(1.9)		
	2021/12/6	0.0043	0.13	11 ^{*1}	ND(0.84)	0.0062	ND(1.9)		
M-101	2021/10/8	0.0030	0.083		0.32	0.0043			
	2021/11/5	ND(0.00048)	0.017		0.052				
	2021/12/15	0.00087	0.025						
F-P03	2021/7/6	ND(0.003)	0.010	0.02 ^{*2}	ND(0.33)	0.0012		ND(7×10^{-6})	ND(8×10^{-6})
	2021/8/4	0.004	0.12	0.01 ^{*2}	0.34	0.0046		ND(7×10^{-6})	0.000008
	2021/9/2	0.010	0.31	0.03 ^{*2}	1.4	0.035		ND(8×10^{-6})	ND(7×10^{-6})
F-P01	2021/7/6	ND(0.002)	0.018	0.02 ^{*2}	ND(0.33)	0.0017		ND(9×10^{-6})	ND(9×10^{-6})
	2021/8/4	ND(0.003)	0.015	0.02 ^{*2}	ND(0.32)	0.0008		ND(7×10^{-6})	ND(9×10^{-6})
	2021/9/2	ND(0.003)	0.020	0.01 ^{*2}	ND(0.33)	0.0015		ND(7×10^{-6})	ND(7×10^{-6})
T-2	2021/10/4	0.0036	0.097	7.2 ^{*1}	ND(0.80)	0.0039	ND(1.9)	ND(5.2×10^{-6})	ND(5.2×10^{-6})
	2021/11/1	0.0015	0.038	12 ^{*1}	ND(0.88)	0.0020	ND(1.9)		
	2021/12/6	0.0014	0.048	9.8 ^{*1}	ND(0.84)	0.0019	ND(1.9)		

0 0.5 1km

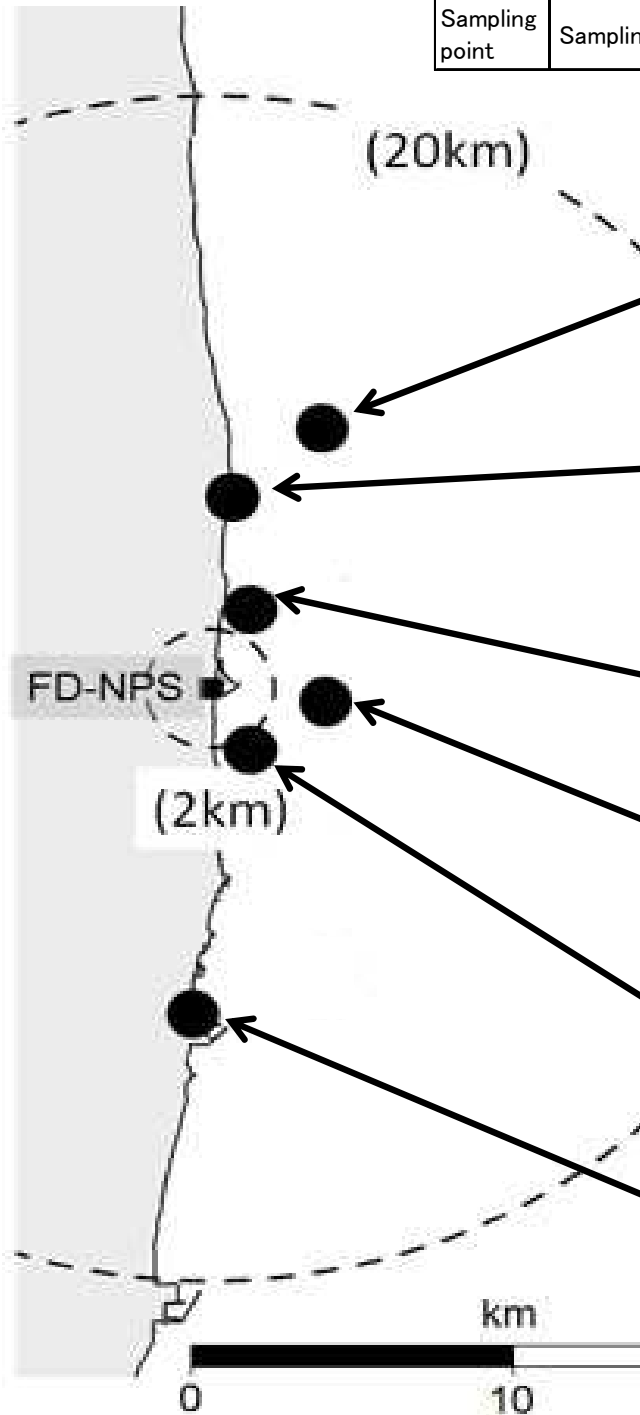
Most recent radioactivity data of sea area between 2-20km from the NPS

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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Seawater radioactivity (Bq/L):

ND: Not detected; Numbers in parentheses: detection limits

Gross B : including K-40



T-D1	2021/10/4	ND(0.0013)	0.032	ND(15)	0.34	0.0012	ND(2.4)			S
	2021/11/1	ND(0.0014)	0.0066	ND(13)	ND(0.30)	0.00089	ND(1.9)			S
	2021/12/6	ND(0.0012)	0.017	15	ND(0.29)					S
T-6	2021/10/5	ND(0.0013)	0.025	ND(14)	ND(0.29)					S
	2021/11/2	ND(0.0013)	0.018	ND(13)	ND(0.29)					S
	2021/12/7	0.0017	0.037	ND(14)	ND(0.29)					S
M-103	2021/10/8	0.00056	0.016		0.092	0.00072				0.5m
	2021/11/5	ND(0.00051)	0.0082		0.15					0.5m
	2021/12/15	0.00073	0.017							0.5m
T-D5	2021/10/4	ND(0.0013)	0.0024	ND(15)	ND(0.30)	0.00077	ND(2.4)			S
	2021/11/1	ND(0.0014)	0.0095	ND(13)	ND(0.29)	0.0014	ND(1.9)			S
	2021/12/6	ND(0.0011)	0.0084	16	ND(0.29)					S
M-104	2021/10/7	ND(0.00045)	0.0059		0.088	0.00074				0.5m
	2021/11/4	ND(0.00057)	0.0047		ND(0.049)					0.5m
	2021/12/14	ND(0.00052)	0.013							0.5m
T-3	2021/10/5	0.0016	0.035	ND(14)	ND(0.29)					S
	2021/11/2	ND(0.0013)	0.025	ND(13)	ND(0.29)					S
	2021/12/7	ND(0.0014)	0.024	17	ND(0.29)					S

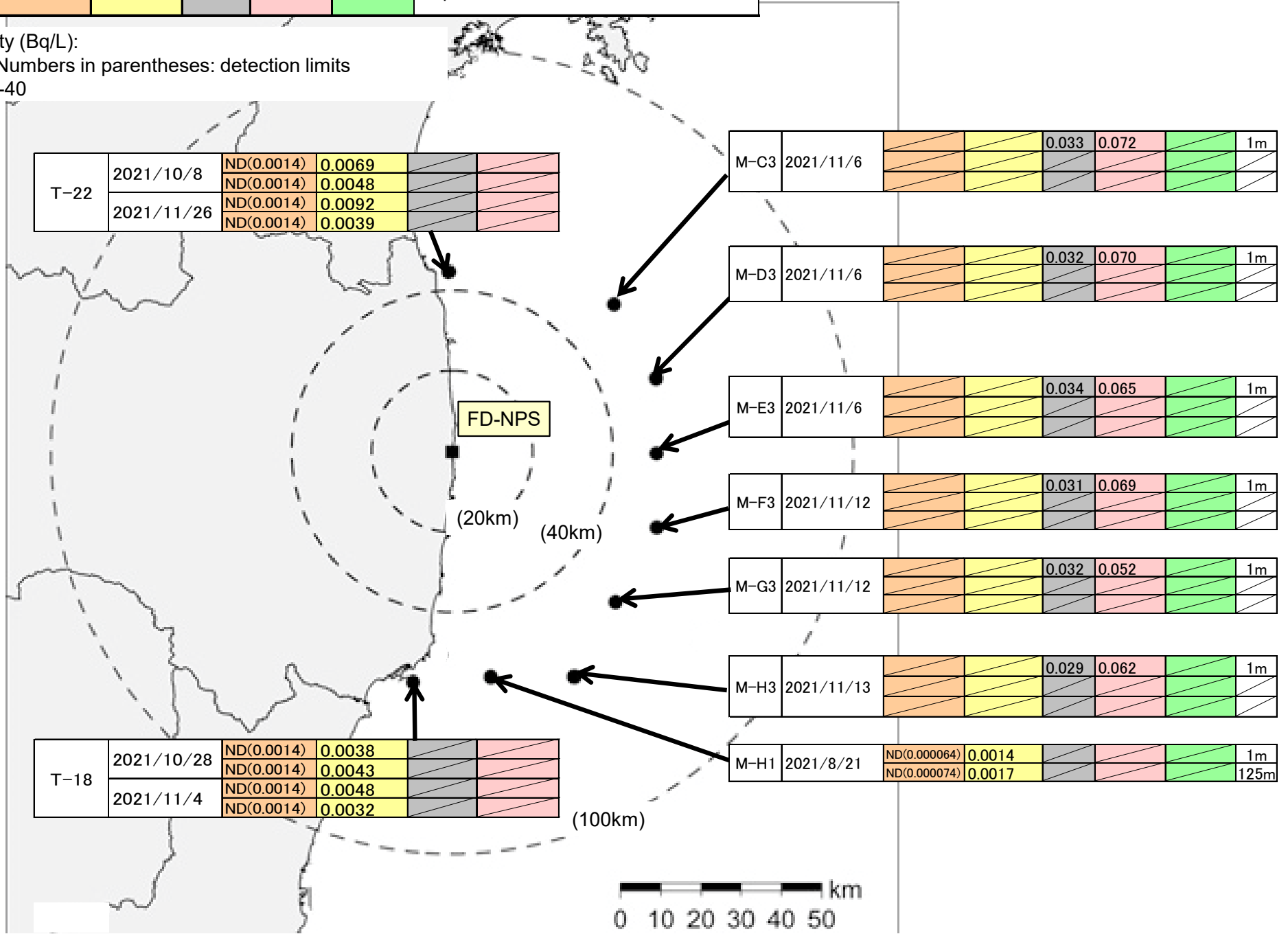
Most recent radioactivity data of sea area between 40-100km from the NPS

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

Seawater radioactivity (Bq/L):

ND: Not detected; Numbers in parentheses: detection limits

Gross β : excluding K-40



T-22	2021/10/8	ND(0.0014)	0.0069		
		ND(0.0014)	0.0048		
	2021/11/26	ND(0.0014)	0.0092		
		ND(0.0014)	0.0039		

M-C3	2021/11/6			0.033	0.072		1m

M-D3	2021/11/6			0.032	0.070		1m

M-E3	2021/11/6			0.034	0.065		1m

M-F3	2021/11/12			0.031	0.069		1m

M-G3	2021/11/12			0.032	0.052		1m

M-H3	2021/11/13			0.029	0.062		1m

T-18	2021/10/28	ND(0.0014)	0.0038		
		ND(0.0014)	0.0043 <td></td> <td></td>		
	2021/11/4	ND(0.0014)	0.0048		
		ND(0.0014)	0.0032 <td></td> <td></td>		

M-H1	2021/8/21	ND(0.000064)	0.0014			1m
		ND(0.000074)	0.0017			125m



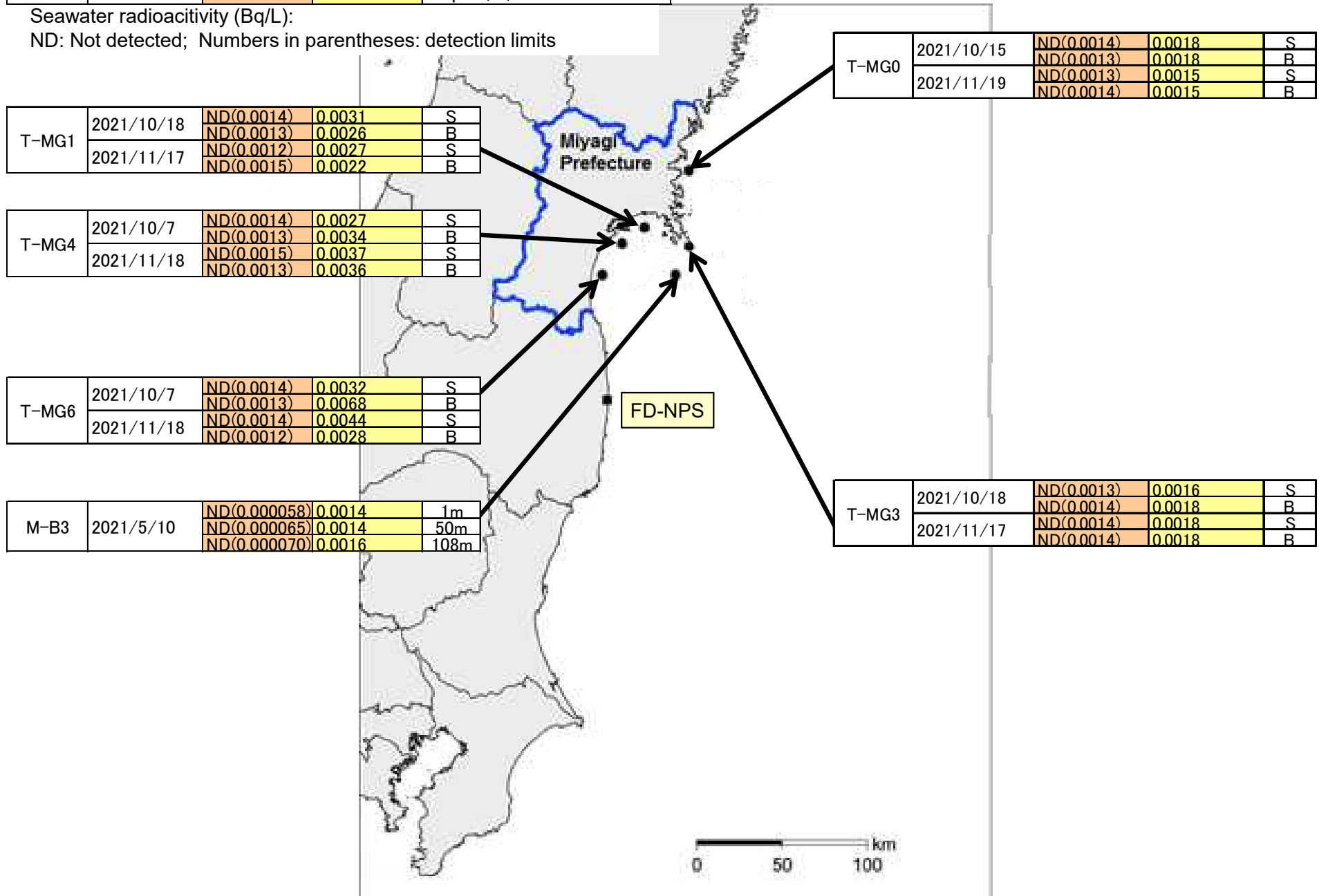
Most recent radioactivity data of sea area along and off the coast of Miyagi Prefecture

S:2m below sea level B:2-3m above sea bottom

Sampling point	Sampling Date	Cs-134	Cs-137	S/B
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Seawater 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		

Ibaraki Pref. and Chiba Pref.

Seawater radioactivity (Bq/L):

ND: Not detected; Numbers in parentheses:detection limits

T-A	2021/11/12	ND(0.67)	ND(1.1)	S
		ND(0.67)	ND(1.0)	B
	2021/12/21	ND(0.92)	ND(0.97)	S
		ND(0.90)	ND(1.1)	B

T-B	2021/11/11	ND(1.1)	ND(0.98)	S
		ND(0.87)	ND(1.2)	B
	2021/12/20	ND(0.87)	ND(1.1)	S
		ND(0.86)	ND(1.1)	B

T-C	2021/11/15	ND(0.81)	ND(1.0)	S
		ND(0.87)	ND(1.0)	B
	2021/12/22	ND(0.81)	ND(1.0)	S
		ND(0.77)	ND(1.1)	B

T-D	2021/11/11	ND(1.1)	ND(1.1)	S
		ND(0.97)	ND(1.2)	B
	2021/12/21	ND(1.1)	ND(1.1)	S
		ND(0.82)	ND(1.2)	B

M-M1	2021/8/23	ND(0.000055)	0.0015	1m
		ND(0.000074)	0.0018	107m

M-I3	2021/8/21	ND(0.000071)	0.0015	1m
		ND(0.000069)	0.0018	100m
		ND(0.000070)	0.0015	175m

M-J3	2021/8/20	ND(0.000049)	0.0013	1m
		ND(0.000074)	0.0019	100m
		ND(0.000042)	0.00059	555m

M-IB4	2021/8/20	ND(0.000075)	0.0016	1m
		ND(0.000071)	0.0019	111m

T-E	2021/11/12	ND(1.1)	ND(1.2)	S
		ND(0.92)	ND(1.1)	B
	2021/12/20	ND(0.92)	ND(1.2)	S
		ND(0.86)	ND(1.1)	B

M-L1	2021/8/23	ND(0.000066)	0.0016	1m
		ND(0.000064)	0.0017	35m

