

宮城県・福島県・茨城県沖における海域モニタリング結果(海底土のSr)
Readings of Sea Area Monitoring at offshore of Miyagi, Fukushima and Ibaraki Prefecture
(Sr in the marine soil)

((公財)海洋生物環境研究所が採取し、(独)日本原子力研究開発機構が分析)
(The samples were collected by Marine Ecology Research Institute (MERI) and analyzed by Japan Atomic Energy Agency (JAEA))

試料採取日:平成24年2月6日~21日

(Sampling Date:Feb 6-21, 2012)

平成24年6月6日

Jun 6, 2012

文部科学省

Ministry of Education, Culture, Sports, Science and Technology (MEXT)

海底土の放射能濃度

Radioactivity concentration in marine soil

測定試料 採取点 ^{※1} Sampling Point ^{※1}	採取日時 Sampling Time and Date	緯度, 経度 Latitude, Longitude	深度 Depth	放射能濃度(Bq / kg・乾土) Radioactivity Concentration(Bq / kg・dry soil) (ND ^{※2} : 不検出) (Not Detectable)					その他検出された核種 Other detected nuclides
				Cs-134	Cs-137	Sr-89	Sr-90	Sr-90/Cs-137	
【B3】	2012/2/17 13:06	38° 05.0' N, 141° 29.5' E	120m	290	390	ND	ND		
【D1】	2012/2/21 10:08	37° 35.0' N, 141° 22.4' E	125m	76	100		0.11	0.0011	
【E1】	2012/2/13 13:54	37° 25.0' N, 141° 22.3' E	135m	110	140		0.12	0.00086	Ag-110m: 2.2
【F1】	2012/2/12 10:08	37° 15.0' N, 141° 22.3' E	144m	59	81		0.16	0.0020	Ag-110m: 0.45
【I1】	2012/2/9 9:53	36° 45.0' N, 140° 57.0' E	99m	210	280		0.35	0.0013	Ag-110m: 1.3 Sb-125: 5.8
【J1】	2012/2/6 13:36	36° 25.0' N, 141° 43.0' E	47m	44	60		ND		

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*太字下線データが今回追加分。それ以外は平成24年3月15日公表済み。

*Boldface and underlined readings are new. Others were published on Mar 15, 2012.

※1 【 】内の番号は、図の測点番号に対応。

※1 The character enclosed in parentheses (Ex. 【A1】) indicates monitoring point in figure.

※2 NDの記載は、海底土の放射能濃度の検出値が検出下限値を下回る場合。

ただし、検出下限値は検出器や試料性状により異なるため、この値以下でも検出される場合もある。

・採取場所B3: Sr-89が0.76Bq/kg・乾土、Sr-90が0.27Bq/kg・乾土

・採取場所J1: Sr-90が0.079Bq/kg・乾土

※2 ND indicates the case that the detected radioactivity concentration in marine soil was lower than the detection limits.

Please note that these nuclides are sometimes detected even when they are below the threshold, contingent on the detector or samples.

・for Sampling Points B3: Approximately 0.76 Bq/kg・dry soil for Sr-89, Approximately 0.27 Bq/kg・dry soil for Sr-90

・for Sampling Points J1: Approximately 0.079 Bq/kg・dry soil for Sr-90

参考(Reference)

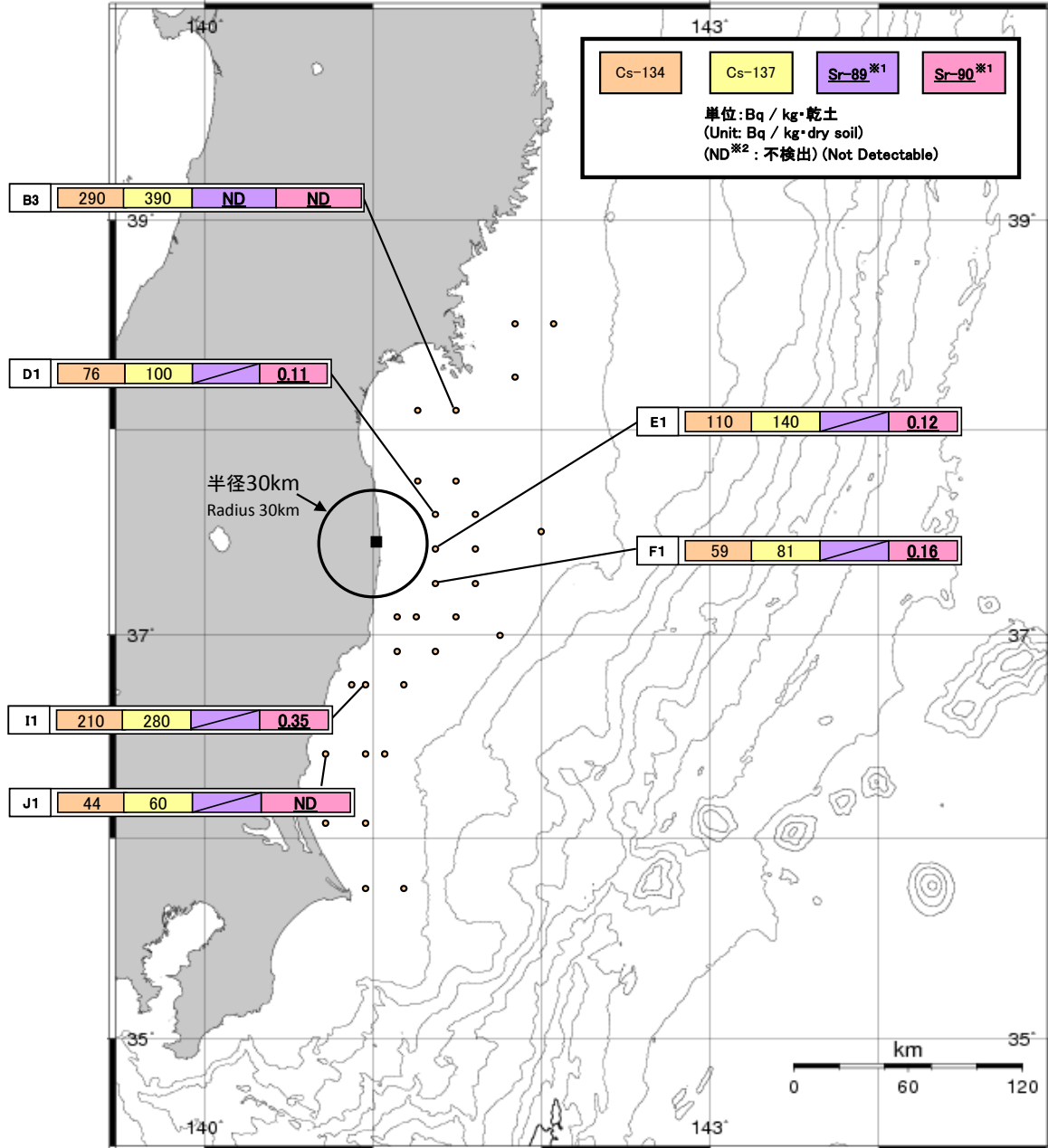
・平成20-22年度の核燃料サイクル施設沖合海域(青森県・岩手県沖合海域)の海底土の環境放射能調査の結果
Sr-90: ND~0.51(検出下限値は0.2Bq/kg・乾土)

・The results of the environmental radioactivity measurement in the marine soil in the sea area of Nuclear Fuel Cycle Facility
(The sea area of Aomori and Iwate Prefecture): Sr-90: ND~0.51 (The minimum limit of detection is 0.2Bq/kg・dry soil)

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(海底土中のSr)
(平成24年2月6日～21日採取)

Readings of Sea Area Monitoring at offshore of Miyagi, Fukushima and Ibaraki Prefecture
(Sr in the marine soil) (Sampling Date: Feb 6, 2012 – Feb 21, 2012)

公表日:平成24年6月6日
(Published: Jun 6, 2012)



図中の■は東京電力(株)福島第一原子力発電所を示す

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・for Sampling Points J1: Approximately 0.079 Bq/kg・dry soil for Sr-90

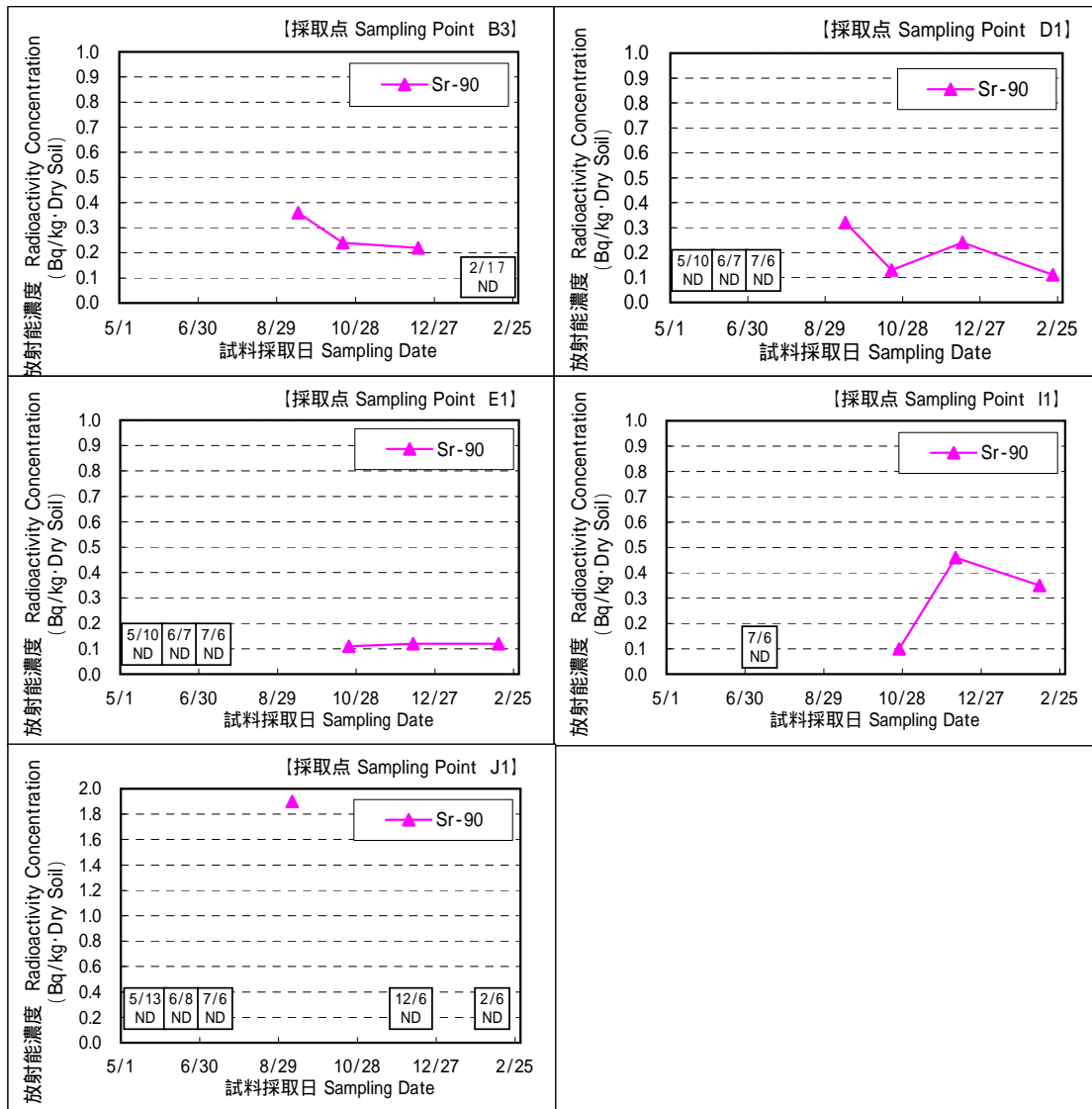
参考(Reference)

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海底土のSrの放射能濃度の傾向

Trends of radioactivity concentration of Sr in marine soil



* 採取点B3のSr-89は検出値がすべて検出限界以下のためグラフは省略する。

* The graphs of the Sr-89 radioactivity concentration of the sampling point B3 are not shown because all radioactivity concentration were lower than the detection limits.

*NDの記載は、海底土の放射能濃度の検出値が検出下限値を下回る場合。ただし、検出下限値は検出器や試料性状により異なるため、この値以下でも検出される場合もある。

・採取場所B3: 0.27Bq/kg・乾土

・採取場所D1、E1、I1: 0.8Bq/kg・乾土

・採取場所J1: 0.8Bq/kg・乾土(5月13日、6月8日、7月6日)、0.12Bq/kg・乾土(12月5日)、0.079Bq/kg・乾土(2月6日)

* ND indicates the case that the detected radioactivity concentration in marine soil was lower than the detection limits. Please note that these nuclides are sometimes detected even when they are below the threshold, contingent on the detector or samp

・for Sampling Points B3: Approximately 0.27 Bq/kg·dry soil

・for Sampling Points D1, E1, I1: Approximately 0.8 Bq/kg·dry soil

・for Sampling Points J1: Approximately 0.8 Bq/kg·dry soil (May 13, Jun 8, Jul 6), Approximately 0.12 Bq/kg·dry soil for (Dec 5), Approximately 0.079 Bq/kg·dry soil (Feb 5)

参考(Reference)

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