

Monitoring activities of the NRA

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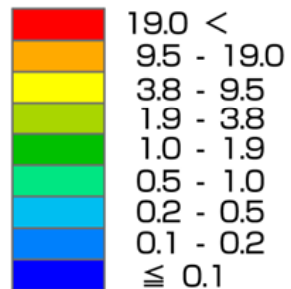
February 2014



Air dose rates in the 80km zone from Fukushima Daiichi NPS

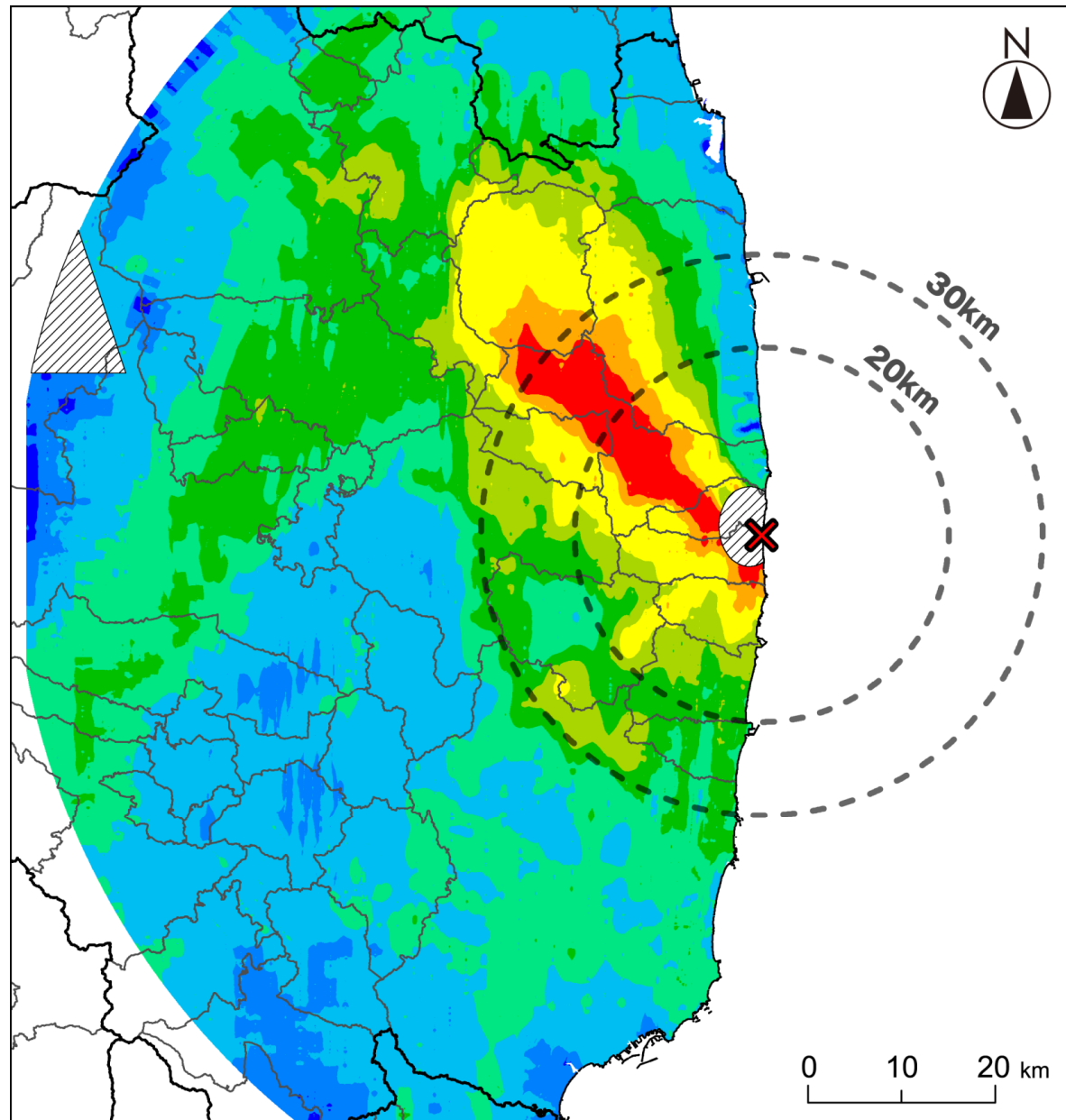
**1 months later
(April 29, 2011)**

Air dose rates at
1m from the
ground ($\mu\text{Sv/h}$)



 Not measured

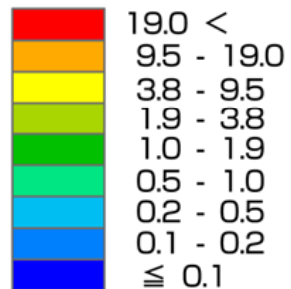
The natural
radionuclides are
included.



Air dose rates in the 80km zone from Fukushima Daiichi NPS

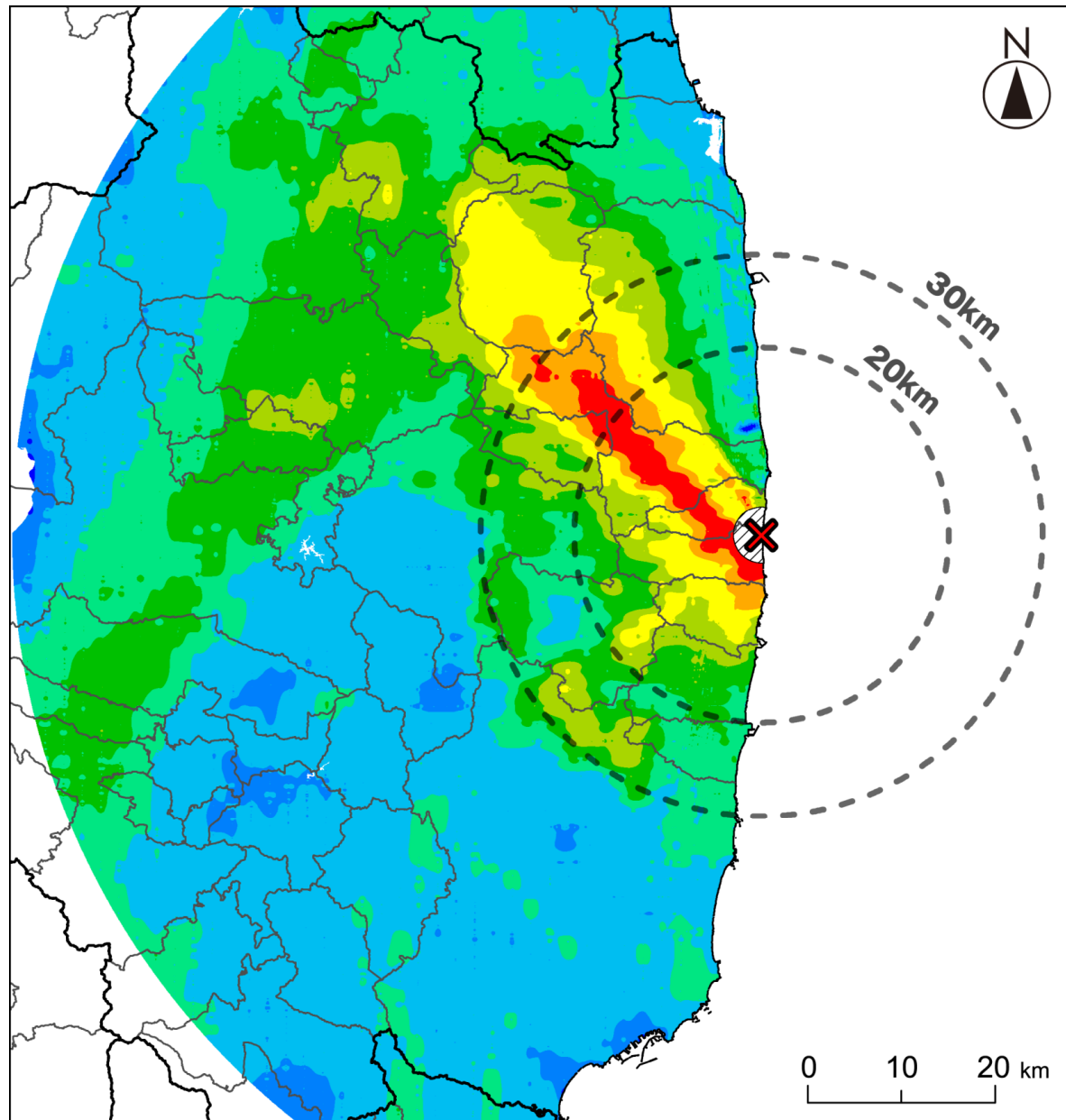
**7 months later
(Nov. 05, 2011)**

Air dose rates at
1m from the
ground ($\mu\text{Sv/h}$)



 Not measured

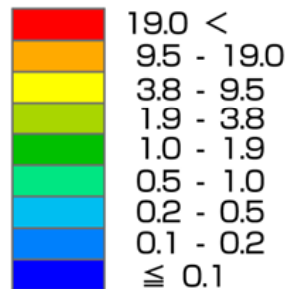
The natural
radionuclides are
included.



Air dose rates in the 80km zone from Fukushima Daiichi NPS

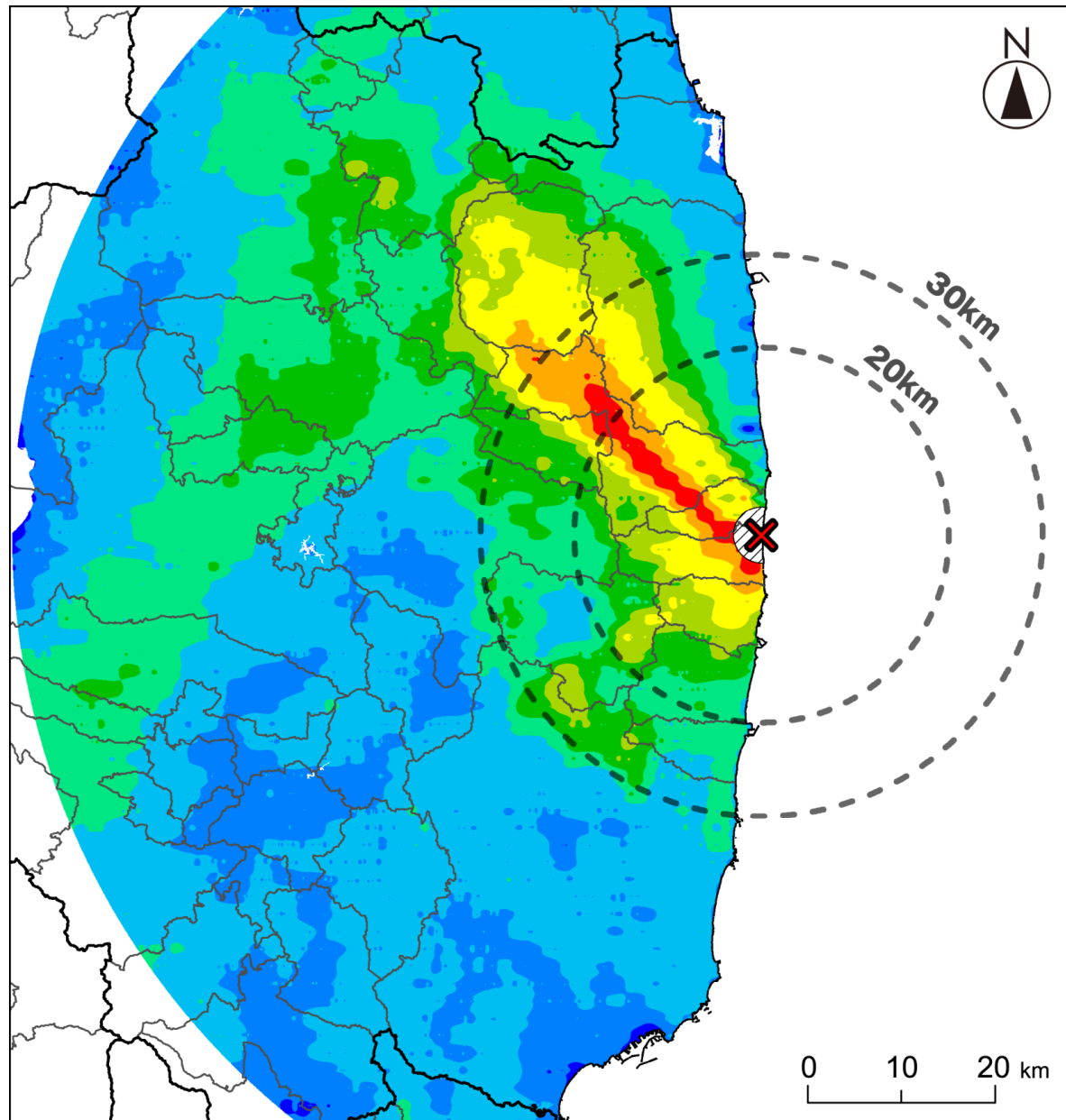
**15 months later
(June 28, 2012)**

Air dose rates at
1m from the
ground ($\mu\text{Sv/h}$)



 Not measured

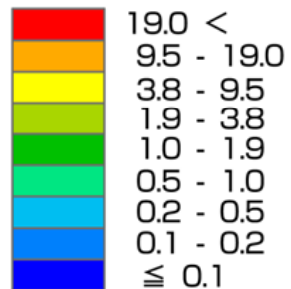
The natural
radionuclides are
included.



Air dose rates in the 80km zone from Fukushima Daiichi NPS

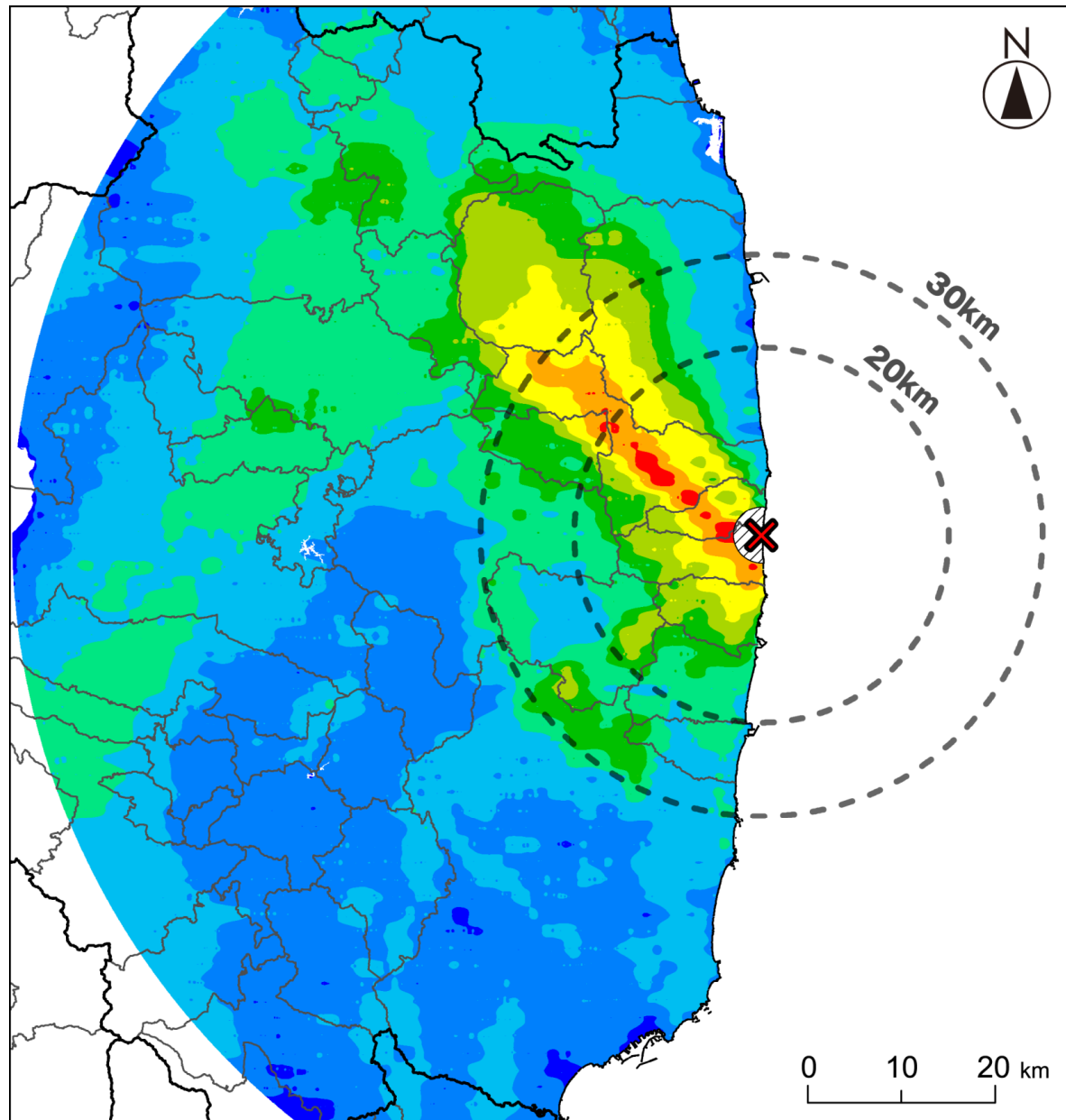
**20 months later
(Nov. 16, 2012)**

Air dose rates at
1m from the
ground ($\mu\text{Sv/h}$)



 Not measured

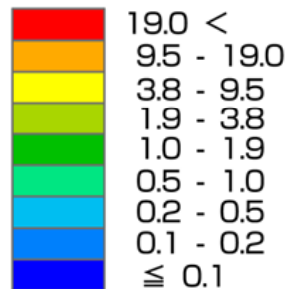
The natural
radionuclides are
included.



Air dose rates in the 80km zone from Fukushima Daiichi NPS

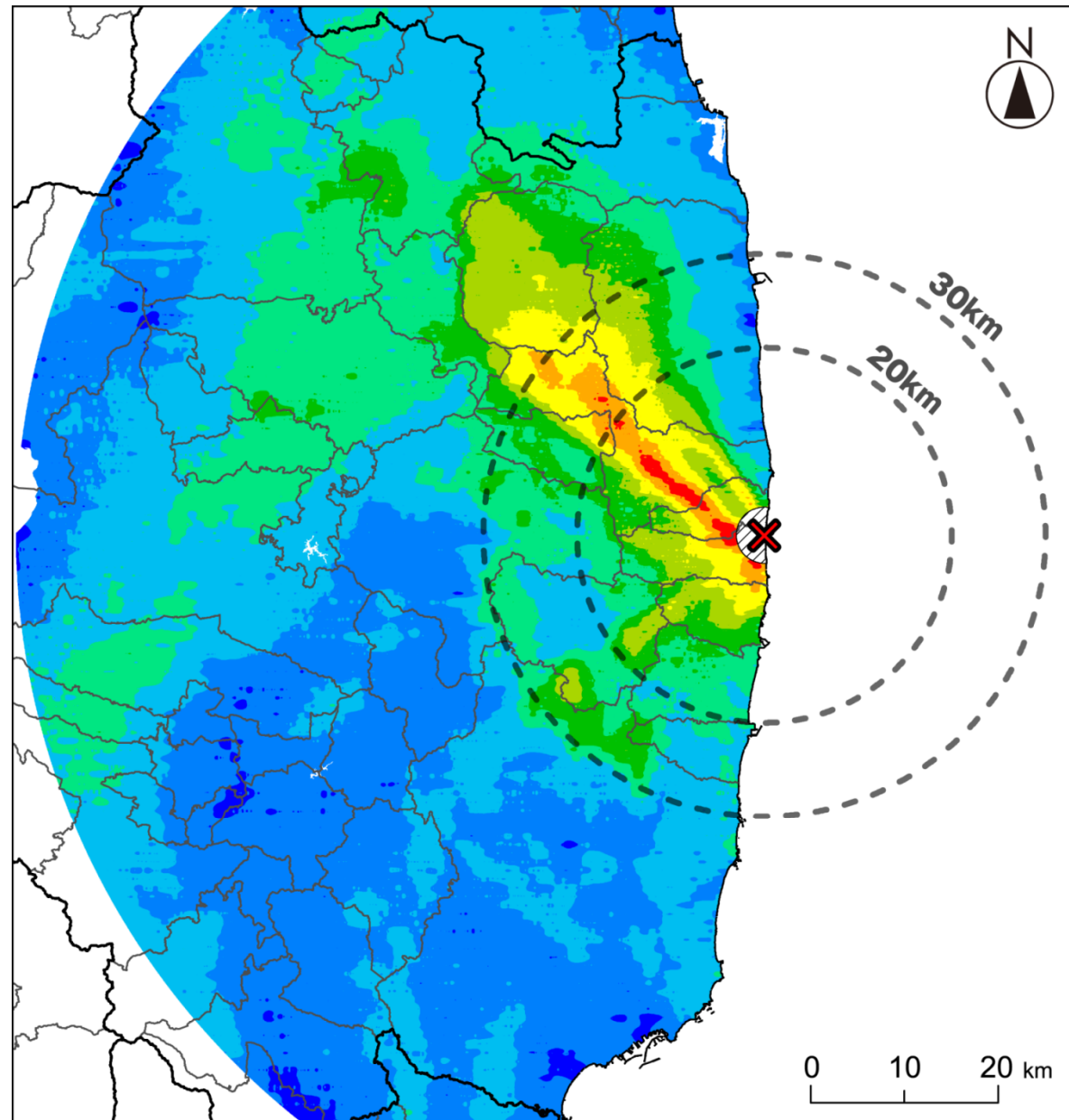
**30 months later
(Sep. 28, 2013)**

Air dose rates at
1m from the
ground ($\mu\text{Sv/h}$)

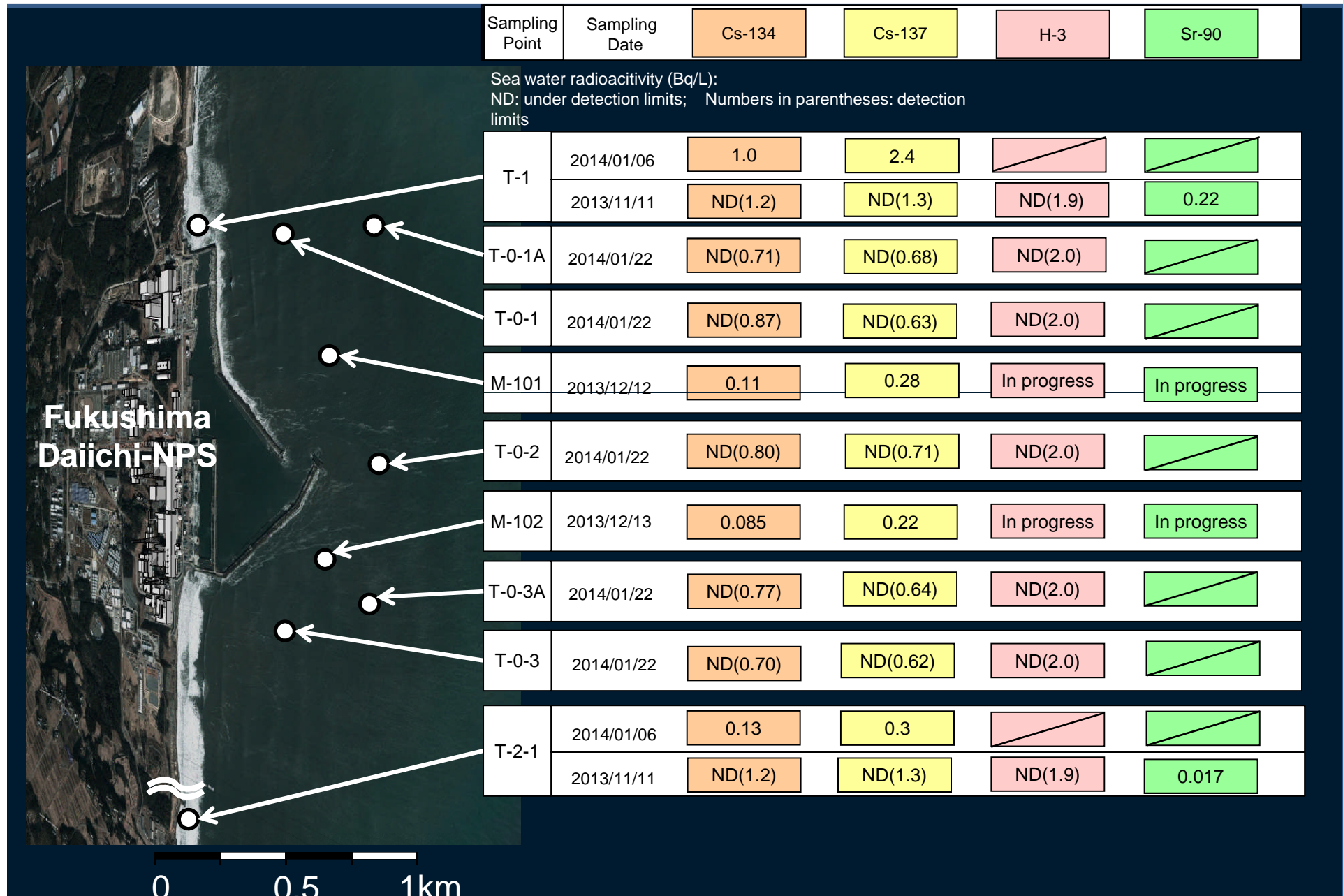


 Not measured

The natural
radionuclides are
included.



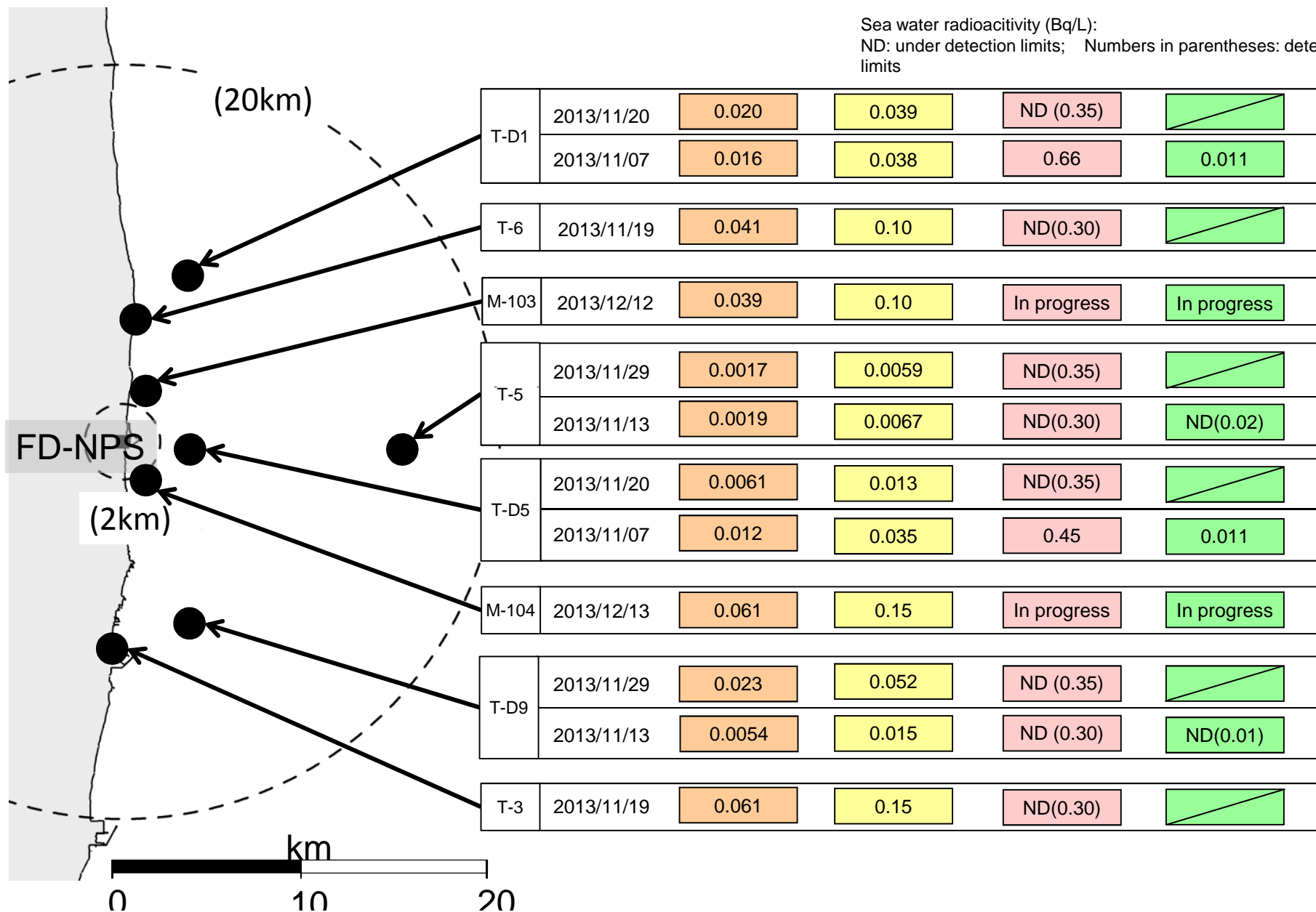
Sea area within 2km radius from the NPS



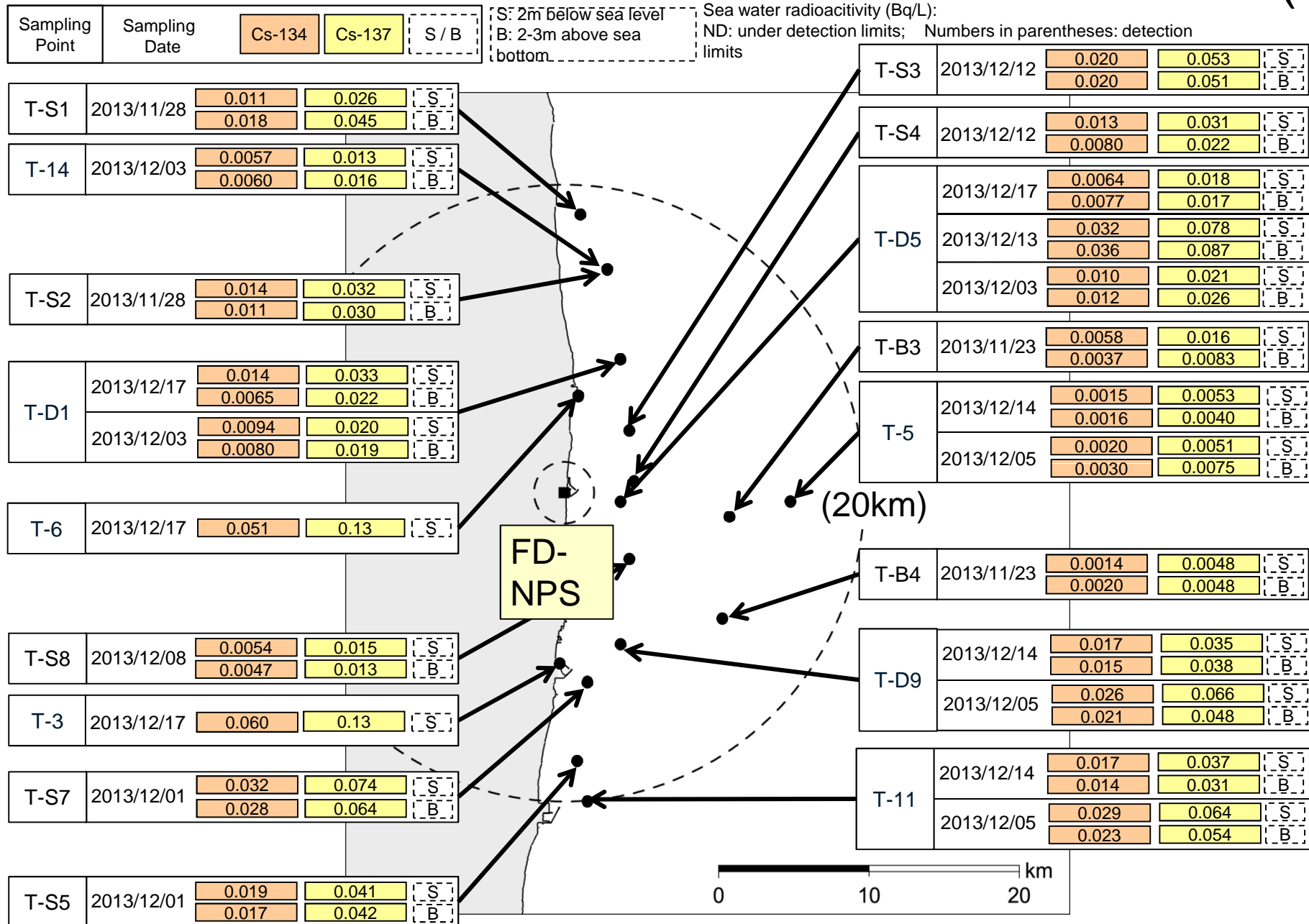
Sea area between 2-20km radius from the NPS (1)

Sampling Point	Sampling Date	Cs-134	Cs-137	H-3	Sr-90	Depth (m) from sea level	S: 2m below sea level
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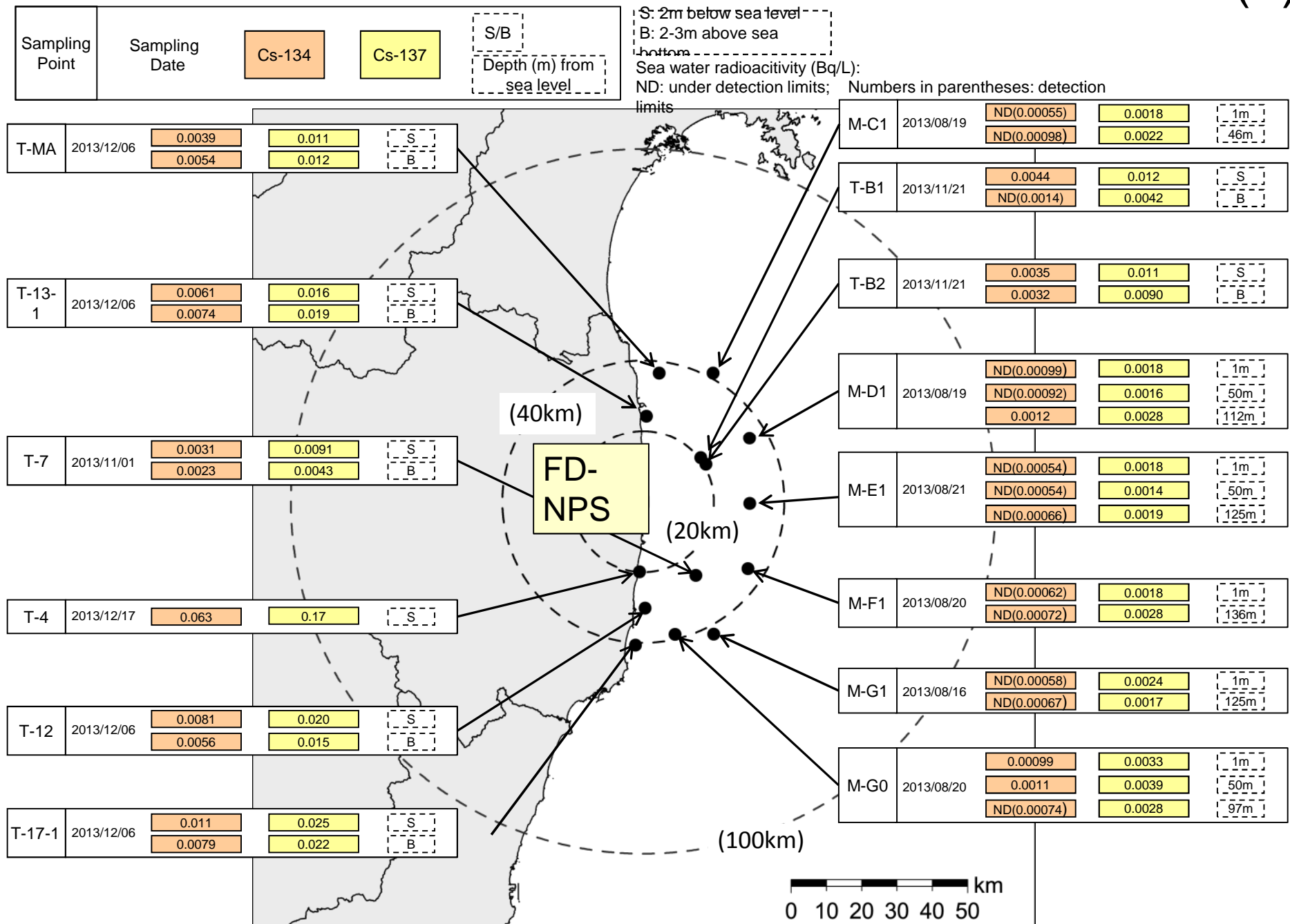
Sea water radioactivity (Bq/L):
 ND: under detection limits; Numbers in parentheses: detection limits



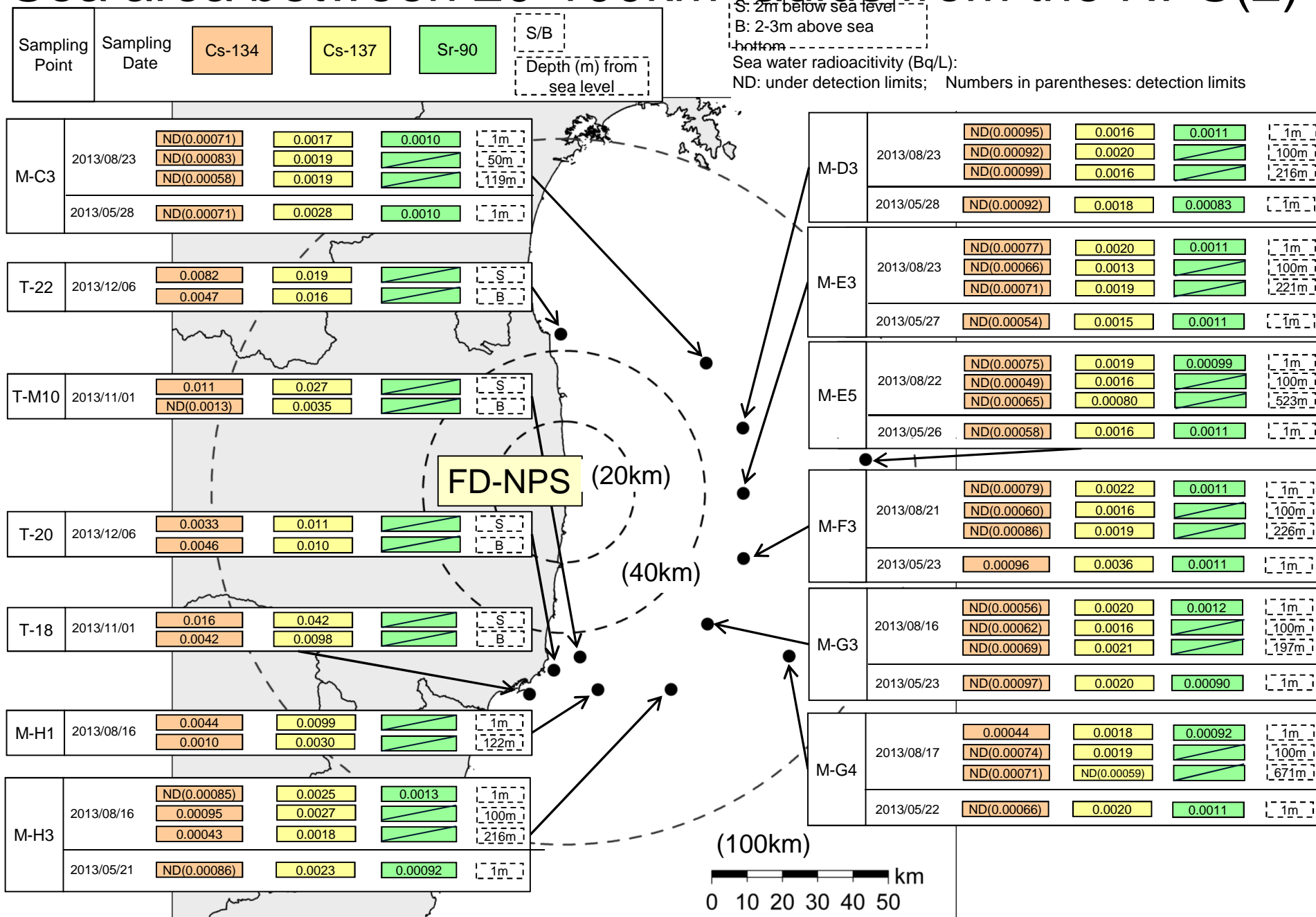
Sea area between 2-20km radius from the NPS (2)



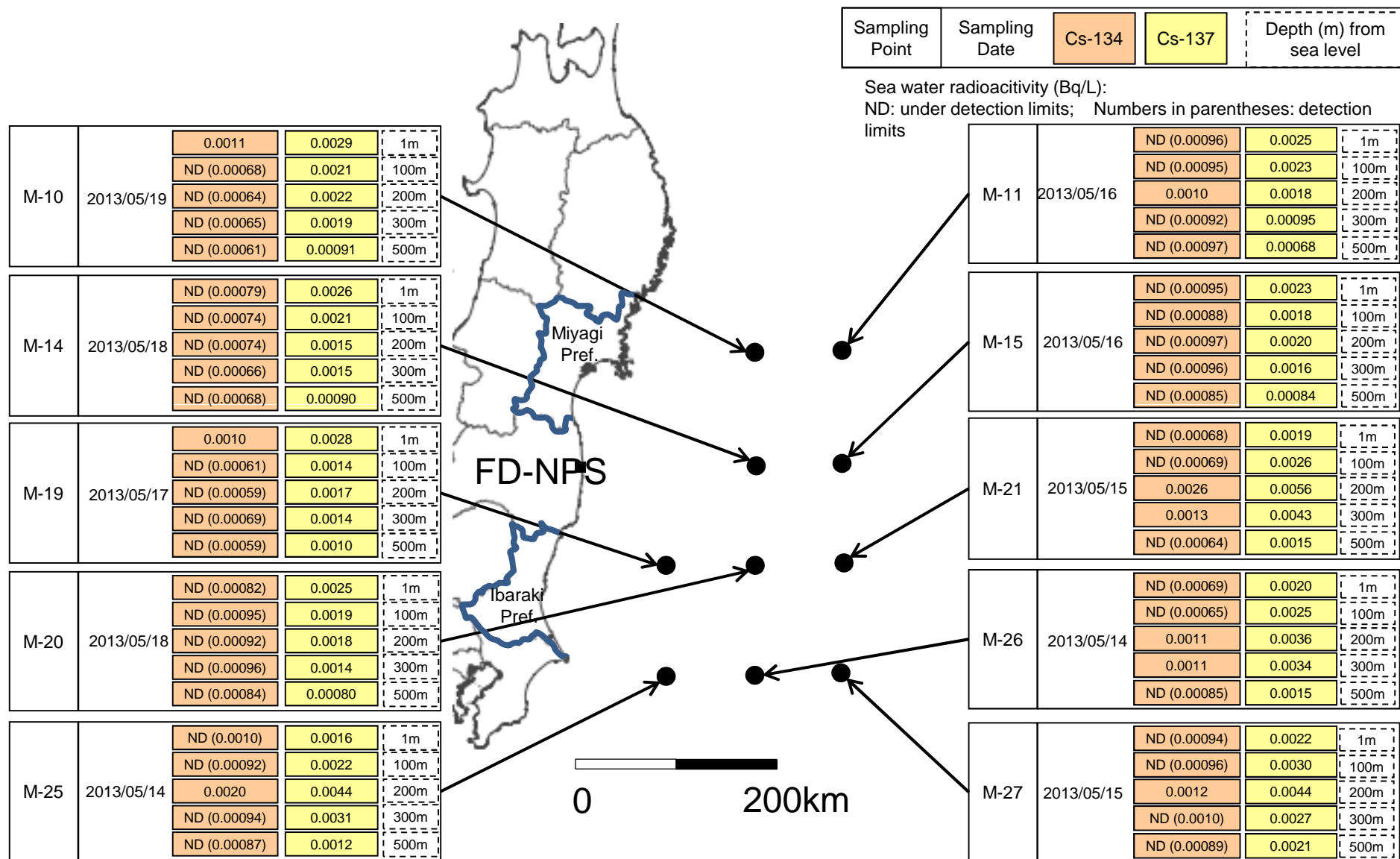
Sea area between 20-100km radius from the NPS(1)



Sea area between 20-100km radius from the NPS(2)



Open sea off the coast of Eastern Japan



Cooperation on Sea Area Monitoring with IAEA

- In October 2013, IAEA-DG Mr. Amano and NRA-Chairman Dr. Tanaka agreed that NRA and IAEA cooperate on sea area monitoring in Japan.
- Experts from Environmental Laboratories/IAEA visited Japan in early November to see the procedure of sea water samples
- In late November they visited to exchange information and opinions on sea area monitoring in Japan.



Thank you

Information related to Fukushima Daiichi NPS such as regulatory activities of the NRA, radiation monitoring and incidents is available at the NRA's website.

NRA <http://www.nsr.go.jp/english>
Monitoring information <http://radioactivity.nsr.go.jp/en/>

