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????????????????????????????????225????????2008??30.1??  
????????0.66????????????????100mSv????????????0.5????????????0.66????????????????????????

????????????????90????10????????????4.5????????????4.5×10<sup>-5</sup>??  
?????

????????20mSv/????????= 9×10<sup>-6</sup>

????????1 mSv/????????=4.5×10<sup>-7</sup>

表1 2008年の我が国の死者数と死亡内訳

死因	死亡率		生涯死亡率
	10万人当り死者数	10万人当り割合	
悪性新生物質(がん)	270.1人	2.7×10 <sup>-3</sup>	30.12%
交通事故	5.9人	5.9×10 <sup>-5</sup>	0.66%
100mSv被ばくによ るがん死亡増加	4.5人	4.5×10 <sup>-5</sup>	0.5%

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1??2008????????????????

????????????????????5.9×10<sup>-5</sup>??

(2) ????????

??100mSv????????????????????????????????????  
????????????????????????100mSv??  
??

??DNA????????????????????????????????  
???DNA????????????????????????????????????DNA????????????????????DNA????????????????  
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??  
??30????????????????

100mSv??  
DNA????????????????????????????????????mSv????????????????300????????????  
????????????????2-3mSv????????????0.6mSv/?CT???5-30mSv????????

ICRP??  
????????????????????

(3) ????????

????mSv/????????????????????????????????2011?4????????????????????????????20mSv??  
??1

mSv/??2011?10????????????????????1mSv????????????????  
??

??mSv????  
??

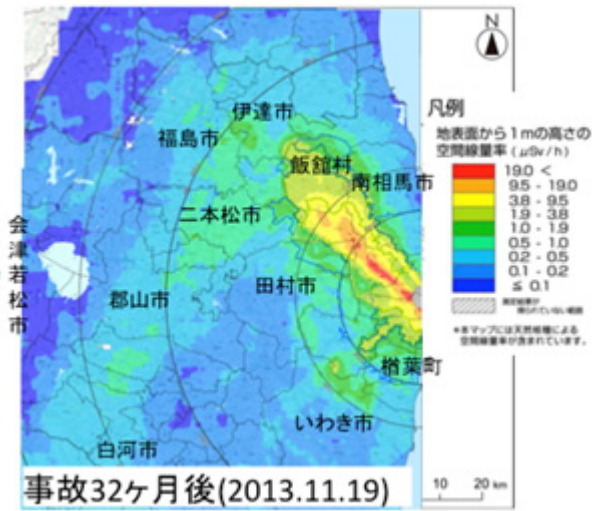
2013??????IAEA????????????????????????????1mSv????????????????????????????????????

????????????????????1mSv??10  
0mSv??10mSv????????????????????????????????????  
??

(4) ?????????????????????????

??m??  
????????????????????

??1km????????  
????????????????



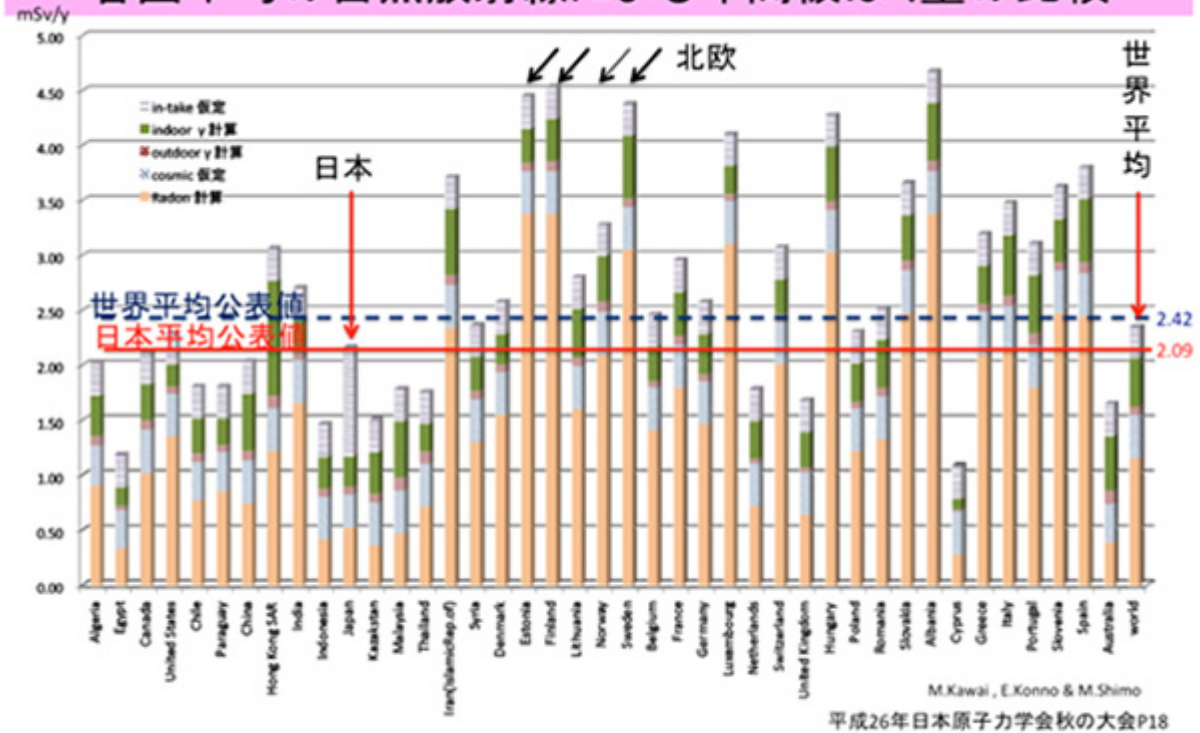
????????????????????  
????????

????????????????????1m????????????????2013?11?19??  
????????????????????0.24?Sv/????????????????????0.5?Sv/????????????????????0.4??  
0.7?Sv/????????????????????mSv/????????????????????1mSv/????????2.  
5mSv/????

(5) ?????????????

????????????????????????????????????40??  
?7000????????????????????????????????????UNSCAR  
2000????????????????????????????????2.1mSv????????2.4mSv????????  
????

# 各国平均の自然放射線による年間被ばく量の比較



国連科学委員会 UNSCEAR 2000レポートデータに基づく評価  
 日本で一般人の基準とされる1 mSvを加えた場合3.09mSvです。

11??

(6)??????

??0-2.5mSv????????????????????????????????  
 ???

??WBC????????????????????1mSv/????????????????????????????  
 ???

(7)??

?????1mSv????????????4.5×10<sup>-7</sup>????????????5.9×10<sup>-5</sup>??  
 ???  
 ?????????????????

????????????????????1mSv????????????????IAEA??  
 ?????????????????

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 ???

?2015?2?9????

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