Supplementary Information

Article title: Public attitudes toward the final disposal of radioactively contaminated soil resulting from the Fukushima Daiichi nuclear power station accident

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| 概要説明  | Preliminary explanation  |
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| ◇放射性セシウムによる環境汚染<br>2011年3月に発生した東日本大震災による地震と津波の影響により、東京電力福島第一<br>原子力発電所事故(以下、「原発事故」という)が発生しました。この原発事故により、<br>放射性物質が大気中に放出され、福島県を中心に、東北地方、関東地方の一部の地表や<br>違物、樹木、土壌等を汚染しました。 ◇環境除染<br>事故由来の放射性物質による汚染が、人の健康又は生活環境に及ぼす影響を低減するた                         | <ul> <li>Environmental Contamination by Radioce<br/>The earthquake and tsunami ca</li> <li>March 2011 resulted in the accident at TEP<br/>Station (hereafter "nuclear accident"). As a<br/>materials were released into the atmospher<br/>buildings, trees, soil, and other elements in<br/>the Tohoku and Kanto regions.</li> <li>Environmental Decontamination<br/>In order to reduce the impact of<br/>from the accident on human health and the<br/>the removal of radioactive materials from th<br/>Fukushima Prefecture over a period of abou<br/>million m<sup>3</sup> (about 11 times the size of the T<br/>Fukushima Prefecture (contaminated soil re<br/>as "removed soil" in the policy so we will al:<br/>Most of the removed soil has b<br/>facility adjacent to Fukushima Daiichi Nucle<br/>decontamination through FY2020 is approx</li> <li>Situation and Future<br/>The law requires the removed<br/>be transported outside Fukushima Prefectur<br/>start of interim storage (by 2045). The deci-<br/>fukushima Prefecture (a condition a condition a condition and condition a condition a condition and condition</li></ul> |
| め、福島県を中心に環境中から放射性物質を取り除く「除染」が2012年から約5年かけ<br>て実施され、福島県内を中心に約1300万㎡(東京ドーム約11杯分)の除去土壌(除去され<br>た汚染土壌は、政策上「除去土壌」と呼ばれていますので、この説明でもこの用語を使<br>います)が発生しました。<br>現在までに除去土壌の多くは、福島第一原子力発電所の隣接地に建造された中間貯蔵施<br>設に運び込まれています。2020年度までに除染に関係する費用は約5兆円かかっていま<br>す。 |  |
| ◇現在の状況と今後<br>中間貯蔵施設に保管された除去土壌や廃棄物は、中間貯蔵開始後30年以内(2045年ま<br>で)に、福島県外で最終処分を完了することが法律で決まっています。「福島県外」での<br>最終処分は、「福島県においては住民が既に過重な負担を負っており、総合的に判断し<br>た結果」であり(第187回国会衆議院環境委員会議録第5号)、2011年に閣議決定されまし<br>た。<br>最終処分については、中間貯蔵開始後30年以内に福島県外で処分されること以外、決    |  |
| まっていることはなく、最終処分地の数(1箇所なのか、複数箇所なのか)やどのような手<br>続きで決めるのか、も決まっていません。<br>本アンケートでは、1300万㎡の除去土壌を対象として、2045年までの福島県外での最<br>終処分について、皆様のご意見をお聞きするものです。   |  |

Online Resource 1. Preliminary explanation of the final disposal that respondents had to read before accessing the questionnaire.

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caused by the Great East Japan Earthquake in PCO's Fukushima Daiichi Nuclear Power a result of the nuclear accident, radioactive ere, contaminating the ground surface, in Fukushima Prefecture and other parts of

of contamination by radioactive materials eliving environment, "decontamination", i.e. the environment, was carried out mainly in out five years starting in 2012. About 13 Tokyo Dome) of soil was removed mainly in removed from the environment is referred to also use this terminology in this explanation).

been transported to an interim storage lear Power Station. The cost of ximately 5 trillion yen.

d soil stored in the interim storage facility to ure for final disposal within 30 years after the ecision to implement final disposal outside Fukushima Prefecture is "a result of a comprehensive judgment based on the fact that residents in Fukushima Prefecture are already bearing an excessive burden" (187th Diet Session, House of Representatives, Committee on the Environment, Minutes No. 5), which was approved by the Cabinet in 2011.

Nothing has been decided about final disposal except that the removed soil will be disposed of outside Fukushima Prefecture within 30 years after the start of interim storage, and the number of final disposal sites (one or more sites), and the decision procedures have still to be determined.

In this survey, we are asking for your opinion on the final disposal of the 13 million m<sup>3</sup> of removed soil outside Fukushima Prefecture by 2045.