

Special Issue on the 10th Seminar ①
Review Paper



Issues on Application of Volume Reduction Technologies to Removed Contaminated Soil with the Aim of Soil Reuse

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Summary

We have started examining application of volume reduction technologies to radiocesium-contaminated soil generated by decontamination operations. Reducing the quantity of soil not only stored in interim storage facilities but also treated by a final disposal can be achieved and is also an extremely important approach from a long-term perspective. On the other hand, as for the application of volume reduction technologies, a comprehensive evaluation needs include natural attenuation of radiocesium, soil reuse and a final disposal scenario, not just technical contents. In this paper, we will discuss issues on application of volume reduction technologies to removed contaminated soil with the aim of soil reuse.

Key Words: Radioactive cesium, Volume reduction technology, Contaminated soil, Re-use.
