

Special Issue on the 10th Seminar ②
Review Paper



Expectation and Task for Constructing the Volume Reduction System of Removed Soils

~ In Search of the Technical Integrity
from the Intermediate Storage to Final Disposal ~

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Summary

The intermediate storage volume of the removed soils and incineration ash in Fukushima is supposed about 22 million cubic meters. Within 30 years after starting the intermediate storage, the final disposal outside Fukushima prefecture to these removed soils and incineration ash is determined by the law. Because these removed soils are the very-very low radio activity, the volume reduction method is most effective to reduce the burden of the final disposal. As the volume reduction technology is the stage of research and development, the possibility of the introduction of the volume reduction technology that has the consistency of the final disposal technology is evaluated from the point of view of cost. Since this business is accompanied by economic and technical risk to implement private companies, this project is considered appropriate to be implemented as a national project.

Key Words: Intermediate storage, Volume reduction, Final disposal
