

Sustainable and resilient social system for healthy nature

R&D Project Title: System development of Resource Logistics toward minimizing supply chain risks of mineral resources

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Summary: The large-scale development and diffusion of climate change mitigation technologies is urgently required in our society. These new technologies require additional mineral resources and are expected to have various negative impacts on the global environment and our society as well as their intended good effect in terms of climate mitigation.

With the globalization of the supply chain, various social and environmental issues related to mineral resources need to be considered for raising the resilience of our economic activities. For this reason, resource supply chain management has become a more complex and important issue.

This project aims to develop a platform for resource intelligence support using AI technology to minimize the impact of supply chain risks related to mineral resources on economic activities in Japan, which could be applied globally.

<http://web.tohoku.ac.jp/matsubae.lab/index.html>

