

Input-output Analysis on Inter-industrial Waste Recycling System in Japan

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In this study we investigate environmental effects of inter-industrial recycling system, such as energy consumption, CO₂ emission and waste reduction. We develop extended input-output table, which is physical and monetary hybrid input-output table, and some industry featured in the study are divided into more detailed major processes. We analyze the direct and indirect environmental effect of the system by using the input-output table.