

Research regarding measures against global warming of construction projects.

[Point]

To archive the 6% of greenhouse gas reduction object, this agreed in the Kyoto Global Warming Conference, 600000000t. CO2 reduction is needed. Grasping CO2 evaluation amount of each machinery lifecycle stage is important to systematically reduce CO2 in construction projects. In this research, we examined each material basic unit, such as iron and steel material, concrete material, and asphalt material, each structure basic unit, such as, bridges and sewages, and CO2 evaluation reduction method. We also discussed the future prospect regarding CO2 evaluation reduction technology.

Keyword : construction project, CO2 evaluation basic unit, CO2 evaluation amount reduction method