

# **An Analysis Using Cost-Loss-Table to Manage Uncertainty of Global Environmental Damages**

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The author re-arranged the damage functions developed in RICE model, using the concept of 'measure functions and oncoming functions', and conducted integrated analyses of global warming using the modified damage functions and analyzed the results using a cost-loss-table (CL table). In the results, they will not be able to avoid the catastrophic damages when they use the damage functions in RICE model. An option of no measure will pay the zero measure cost but the highest loss of the global warming. A measure option using the damage function that supposes the catastrophic impact will happen will pay the highest measure cost but the lowest loss.

**Keywords:**

Integrated assessment model, Global environmental damages, Decision-making, Uncertainty, Catastrophic impacts