

Dr. Mikiko Kainuma

Project Leader

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Mikiko Kainuma is a project leader of Climate Policy Assessment Project at NIES. This project performs an integrated analysis of climate change mitigation strategies by using AIM model. She has developed AIM with Kyoto University and several other institutes across Asia. These include countries like China, India, Korea and Thailand. AIM started as a tool to evaluate policy options to mitigate climate change and its impacts, and extended its function to analyze other environmental issues such as air pollution control, water resources management, land use management, and environmental industry encouragement. More than 20 models have been developed so far, and they are classified into emission models, climate models and impact models from the viewpoint of climate policy assessment.

Dr. Kainuma received her B.S., M.S., and Ph.D. degrees in applied mathematics and physics from Kyoto University in Kyoto, Japan.

She is a Lead Author of Intergovernmental Panel on Climate Change (IPCC) Fourth Assessment Report and has worked on UNEP/GEO4 scenarios. She is Professor (adjunct) at Japan Advance Institute of Science and Technology.