

Outline of the Integrated Assessment of Global Warming and its Mitigation Technologies in the Changing World Economy and Industry Project and some extensions of MARIA

Shunsuke Mori

Tokyo University of Science and RITE, Chiba, Japan
<mori@ia.noda.tus.ac.jp>

After IPCC third assessment report activities, the role of integrate assessments seems to become more important since the global warming mitigation strategies should be developed considering the local and the global environmental issues, R&D strategies and other policy issues under the resource constraints. The assessments of adaptation options will also be taken into account.

RITE - Research Institute of Innovative Technology for the Earth supported by the Ministry of Economy, Trade and Industry as a part of an International Research Promotion Funds for the Global Environment started a project entitled *An Integrated Assessment of Global Warming and its Mitigation Technologies in the Changing World Economy and Industry in 2002* to assess and provide the global warming policies based on the scientific knowledge. This project will focus on the subjects pointed out by the IPCC-TAR. Namely, (1) assessments of middle-term options 2030-2050, (2) importance of regional conditions, and (3) factors which may affect the structural issues such as IT and international industry allocation.

The author will also present some simulation results of an extended MARIA with learning curve effects.

Abstract for the International Energy Workshop
jointly organized by the
Energy Modeling Forum (EMF), International Energy Agency (IEA) and IIASA.
24-26 June 2003 at IIASA Conference Center, Laxenburg, Austria