

An E3 Econometric analysis of CDM and Technology Transfer between Japan and China

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China is trying to attain the trade-off targets of economic development and global environment improvement, though it is not obliged under the Kyoto Protocol. Japan has already built an energy efficient society and the compliance of the Kyoto Protocol only with domestic efforts seems difficult. So, the usage of Kyoto mechanism is attractive to Japan. Developing an economy-energy-environment (E3) econometric model of China and Japan, both linked, we analyze the effect of CDM and technology transfer between China and Japan for next 30 years. Some scenario analyses are constructed on Kyoto protocol, especially the possible CDM projects, considering after Kyoto.

Keyword:

E3 econometric model, China and Japan, CDM, technology transfer