Comments and Discussions

Yuko Arayama*

This paper uses radial efficiency measure of DEA approach based on output distance function to analyze the impacts of environmental regulation on technical efficiency and productivity loss in China. It estimates technical efficiencies for the strong and weak disposability of pollutants and compares the level of technical efficiency change due to environmental regulation. In addition, it also measures the productivity loss came from environmental regulation by technical efficiency change.

We can evaluate the paper in achieving the objective given above, because of the following two reasons. Firstly, this paper is the first one to make use of DEA method in Chinese environmental problems. Secondly, this paper provided the empirical analysis in the impacts of environmental regulation on productivity loss, No other literature did research in this field.

*Professor, Nagoya University