

## **Transnational Interregional Input-Output Analysis: from the perspective of the People's Republic of China**

Topic: The BOK-IDE-SIC Transnational Interregional Input-Output Project

Author: Yaxiong Zhang

Co-Authors: Jianqin Yuan

This paper is presented for a convened session jointly organised by the Bank of Korea, Institute of Developing Economies, JETRO (IDE-JETRO), and the State Information Center of PRC.

IDE-JETRO's new project of constructing 2005 Transnational Interregional Input-Output Tables (TIIO2005) aims to link interregional input-output tables of China, Japan and Korea into a single matrix using the import/export data of the regional customs of individual countries. The table will enable us to study economic linkages across borders on a region-to-region basis, say, between Huanan region in China and Kyushu region in Japan. It is expected that the data will serve to draw a detailed mapping of cross-national production networks in East Asia, in particular of the dynamics of regional industrial structures after China's accession to the WTO in 2001.

This paper will discuss the compilation method on China side for TIIO2005, and then conduct a structural analysis of regional production networks from the perspective of China, try to find the evidence of the strengthen of the inter-industrial linkages of the regions across borders among China, Japan and Korea, then estimate the value added contributions among the regions under the cross-national production networks consideration.