

Input-Output Analysis for Structural Change and Economic Dynamics

Topic: Structural Change and Economic Dynamics

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The presentation introduces the role of Input–Output Analysis (IOA) in advancing research on structural change and economic dynamics, with particular reference to the journal Structural Change and Economic Dynamics (SCED). The SCED, founded in 1990, is a leading journal in the field of structural change and economic dynamics, with an Impact Factor of 5.5 which ranks 43rd in global 617 Economics journals. It has a strong tradition of publishing research based on IOA. Notably, Wassily Leontief, the developer of input-output analysis, published his paper “The Economy as a Circular Flow” in the journal in 1991.

As the Lead Editor-in-Chief of SCED and a Council Member of IIOA, Prof. Zhifu Mi will review the development of IOA-related publications in SCED and discuss the broader role of IOA in analysing structural change and economic dynamics. IOA provides a coherent framework for tracing inter-industry linkages, quantifying indirect effects, and integrating environmental and social dimensions into macro-structural analysis. In doing so, it offers powerful tools for understanding the mechanisms through which technological progress, policy interventions, and global shocks reshape economic systems. The session concludes by identifying future research opportunities for IOA within SCED.

The SCED provides a dedicated forum for theoretical, empirical, and methodological contributions that deepen our understanding of how economies evolve over time, and how such transformations interact with global challenges including climate change, energy transitions, digitalisation, artificial intelligence (AI), demographic change, and globalisation. By bringing together scholars working on structural change across different contexts and scales, we seek to strengthen the academic community centred on structural change and economic dynamics, and to promote closer engagement between the IIOA community and the SCED journal.