Title: Recent Advances in Spatial Econometrics and Big Data

Interested presenters:

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Description

Recent regional databases provide time-series with a longer horizon of regional economic data, especially in the US, but also in specific EU regions. Additionally, with the wider availability of satellite data and higher spatial resolutions, a wider coverage of spatial indicators are available. These big datasets pave the way for further in-depth analysis of the underlying spatial and regional structure, which on the one hand allows for additional in-depth inference, but also requires specialized methods for analysis.

This session aims to highlight recent econometric advances in regional economics, which specifically deal with such datasets. Such topics include but are not limited to the fields of time-series econometric, land-use change modelling and sustainability studies. This special session would provide a unique opportunity to showcase state of the art econometric modelling techniques and provide discussion on further model developments.