Regional Modelling: New Approaches and Data

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In recent years, the regional science community has witnessed a surge of different projects with the aim of providing more data at a more geographical disaggregated level. Examples of this are the IMAGINE project, that provides information of income at local levels for most European countries in a homogenous way through entropy modelling, and the Regional WIOD (EUREGIO) project, which offers a complete multiregional input-output transactions database for the European NUTS2 regions using regionalization and adjustment methods.

This special session aims at gathering together researchers developing a series of modelling techniques devoted to analyze and compare sub-national economies. In particular, we are interested in analyses presenting original methodologies for improving the availability of regional data (at local or sub-national levels).

The main objective of the session is to present some of the most recent approaches in the field of imputation, matching and regionalization methods, as well as some empirical applications that have been done using novel sub-national data. For this reason, a various range of methodologies including entropy, CHARM, RAS and gravity modelling are welcome to be presented on this session using to analyse a broader spectrum of topics from regional environmental aspects, demographic and labour analysis, and household and consumption patterns.

Submissions are welcome either of a theoretical or empirical nature and either single region or multi-region analysis.