



Special Session Proposal

Urban Climate Change Adaptation: Financial and Spatial Perspective

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Abstract

Contemporary cities are increasingly challenged by climate change, rapid urbanization and socioeconomic pressures. In response, urban development policies place growing emphasis on climate adaptation, particularly through spatial planning, blue-green infrastructure and measures aimed at improving urban resilience and quality of life. While research and practice have mostly focused on spatial, technological and infrastructural dimensions of adaptation, significantly less attention has been paid to the role of municipal finance and the greening of urban financial systems.

The aim of this session is to provide a forum for the exchange of knowledge and experiences on the role of municipal finance and spatial policy in urban climate change adaptation. Particular attention will be given to identifying interdependencies, synergies and potential trade-offs between financial and spatial decisions taken at local and regional levels. The session will also present selected results of the research project “Coincidences of the Greening of Cities’ Financial and Spatial Economies in Climate Change Adaptation”, conducted at the University of Economics in Katowice under the direction of Professor Walasik.

The session is interdisciplinary and addressed to researchers representing discipline: economics, public finance, urban and spatial planning, socioeconomic geography and management sciences. We invite presenters to submit proposals on the following themes: models and instruments for greening municipal finance; economic efficiency, profitability and risks of climate adaptation measures; cost-benefit analysis of blue-green infrastructure solutions; financial sources and instruments for urban adaptation, including public-private partnerships; role of spatial planning in reducing urban vulnerability to climate risk, including issues of development density, protection of open spaces, urban green systems, stormwater retention and the location of climate-sensitive functions.