



Alicante, Spain & Virtual event

Urban Challenges and Sustainable Technological Revolution



Special Session Proposal

Climate economics

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Abstract

Climate change is without a doubt one of the biggest challenges of our time. It can harm the entire ecosystem, worsening the living conditions of humans and many animal species. It can increase the frequency and intensity of extreme weather events, like hurricanes, floods, and drought, causing several socioeconomic impacts. It is a global event, but their impact and mitigation and adaptation actions are regional. Climate economics has a crucial role here. It can link the scientific base of climate change to the policy by estimating the socioeconomic impact of different climatic scenarios, identifying local and regional vulnerabilities, and evaluating mitigation and adaptation policies. In this special section, we would like to promote a discussion about climate economics at the regional level. We encourage the submission of works about the cost of action and/or inaction to climate change, impacts of extreme weather events, vulnerability assessment, policy evaluation, new tools and methods of analysis, and works relating to climate and economic variables.