



Special Session Proposal

Networks in Resilience and Vulnerability

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Abstract

The concept of resilience and vulnerability has been widely discussed in regional science in recent years. In parallel, network approaches to the evolution of spatial systems came to the fore. Networks rely on connectivity, which is the capacity/ability to make and maintain connections between two or more points in a spatial network. Although connectivity is the very essence of a network, it has rarely been explicitly included in the regional economic analyses of resilience and vulnerability.

This Special Session on “Networks in Resilience and Vulnerability” aims to discuss the above topics from theoretical, methodological, and empirical viewpoints, considering a multidisciplinary network perspective for resilience and vulnerability, possibly interlinked at various spatial scales (regional, urban, etc.). The emerging results from the analysis of this network framework will provide new insights into the studies on resilience and vulnerability that can be useful towards developing a future research agenda, and policy suggestions.