

ORLD AFTER COVID-19

Indeed, as the coronavirus spreads across the world, national and local governments have taken a change in strategy to fight against a pandemic, which is by definition, global and without immediate geographic constraints – one world disease.

People are helping around their governments as they request that individuals in many nations of the world to do so. (United States were when publishing before their request). Likewise the internet TV special advertising which emerged between the US and China from February.

THE WORLD AFTER
COVID-19

2020



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ACADEMIC
WEEKLY DIGEST

Navigating Turbulence: Temporal and Spatial Insights into Destination Resilience

The tourism sector is vulnerable to external disruptions. While various crises adversely affect tourism and destinations, they also provide an opportunity to assess how destinations adapt to real shocks that are difficult to simulate. To understand and manage a crisis more effectively, two critical issues should be addressed: the duration of the impact of the crisis (i.e., temporal perspective) and the affected geographical scale (i.e., spatial perspective), both of which have been overlooked in past research on destination resilience.

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To fill these gaps, this study by [Dr Eden Jiao](#), [Prof Gang Li](#) and [Dr Jason Li Chen](#) introduces a comprehensive, multi-stage, dynamic spatiotemporal analytical framework to measure destination resilience in terms of resistance and recovery, and to analyse the factors influencing resilience. The framework is demonstrated using the context of international tourism in Europe in response to the COVID-19 pandemic, highlighting the framework's general applicability and relevant policy implications.

ACADEMIC WEEKLY DIGEST



About the author

Dr Eden Jiao is a Lecturer in Surrey Hospitality and Tourism Management, Surrey Business School, at the University of Surrey. Her main research interests include

tourism demand modelling and forecasting, spatial econometric methods in tourism and hospitality studies and destination competitiveness and resilience.

ANALYSING DESTINATION RESILIENCE FROM A SPATIOTEMPORAL PERSPECTIVE

By [Dr Eden Jiao](#), [Prof Gang Li](#), [Dr Richard Qiu](#), [Dr Jason Li Chen](#)

This research proposes a new and dynamic multi-stage framework to analyse destination resilience in response to crises. A spatiotemporal econometric model is employed to understand the influencing mechanisms for destination resilience at different stages. Spatial patterns can be seen from the descriptive evidence, where Northern European destinations show relatively stronger resistance and recovery levels. Regarding the influencing mechanism, findings show that more stringent destinations, regarding government response and containment policy, are less resilient, with a greater influence on resistance at the early stage.

The results also indicate that at the earlier stage of the pandemic shock with unexpected fluctuations and uncertainties, the intrinsic factors including the levels of tourism development, society development, and destination environmental quality, determine a destination's capacity to resist external disturbance. Moving towards the recovery stage, where situations become predictable to some extent, the recovery level is more dependent on the tourism market and relatively less dependent on the destinations' intrinsic factors shaped in the long run prior to the shock.

This study contributes to a more comprehensive understanding of resilience by developing a quantifiable and generalisable destination resilience framework, with the identification of key influencing factors. Meanwhile, the findings demonstrate important practical implications for destinations to monitor the instant response of highly resilient destinations and co-develop recovery plans that benefit multiple destinations more efficiently through transmission and loop effects from spatial interactions of resilience.

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