

Yan Wang

Assistant Professor at University of Florida

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Yan Wang's expertise lies at the intersection of urban resilience and urban analytics.

Biography

Yan Wang's areas of specialization in research, teaching, and service are at the intersection of urban resilience and urban analytics. Her profession centers on planning for the resilience of coupled human and environmental systems to "disruptions." She adopts a systematic framework that incorporates humans, environments (including both built and digital environments), and disruptions to investigate and model their interactions across time and space. Yan's scientific objective is to understand, model, and predict the intervening role of urban spatial planning and information infrastructures on population response and dynamics following disruptions such as extreme weather and climate events across varying local contexts and over different time extents using urban analytics.

Areas of Expertise

Spatial Planning, Applied AI, Climate Adaptation, Risk Communication, Crisis Informatics, Urban Resilience, Misinformation, Social Media, Social Infrastructure, Smart Cities

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