

Call for Papers: Special Issue of the *Journal of Travel Research* on the Use of Agent Based Modeling in Tourism

Guest Editors

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Topic

Tourism is a complex phenomenon, characterized by multiple actors with varying motivations and preferences operating within different timeframes and at different scales. Traditional modeling formalisms that assume tourism to be linear, orderly, predictable and deterministic are unable to capture the dynamic and emergent nature of the tourism system, or to fully represent the range of actors (tourists, residents, businesses, etc.) and environments (economic, social, physical, etc.) in which they operate. We therefore invite contributions to a Special Issue of the *Journal of Travel Research* (JTR) on the use of agent based modeling (ABM), an approach that allows the behaviors and interactions of multiple actors to be simulated via the enactment of rule-based decisions that result in an array of potential outcomes.

Papers may be conceptual or empirical in nature. Topics might include:

- Theoretical/ontological foundations of ABM
- Applications of ABM in a tourism context
- Advantages and disadvantages of ABM relative to other modeling techniques
- Opportunities and challenges associated with the use of ABM
- ABM best practices in a tourism context
- Agency and intentionality in ABM

Intention to Submit

Please submit an abstract to Sarah Nicholls (nicho210@msu.edu) by November 11 2016 outlining the following:

- Title of proposed paper
- Contributing authors and contact details
- Summary of the proposed piece, including statements of (i) purpose and (ii) contribution/significance (maximum 500 words)

Abstracts will be reviewed and invitations to submit a full paper will be extended on a rolling basis, with a final deadline of January 31 2017. If provisionally accepted, full papers are to be submitted by April 30 2017 for double blind review per standard *JTR* policy. Reviews will be returned within 12 weeks and revised papers are to be submitted by September 30 2017. Anticipated publication of the Special Issue is in 2018.