CALL FOR PAPERS

Special Issue
on
Big Data and Tourism Planning

Guest editors:

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Short abstracts should be submitted no later than **3rd September 2017**

Final papers should be submitted no later than **22nd October 2017**

Along with the continuous penetration of information and communication technology embraced by tourists and the tourism industry, various sources of big data have emerged to provide a large amount of real time data with space-time tags on tourists. In recent years, substantial research efforts have demonstrated the usefulness of big data analytics in tourism. In particular, big data could bring very unique advantages to tourism planning. With the tremendous growth of big data streamed from "digital sensors", tourism planners are better able understand tourists' perceptions, behavior, preferences and evaluations as well as the business performance of each single business unit within a destination. The hype and hope of big data represents an unprecedented opportunity in tourism planning through the creation of a data deluge that seeks to provide much more sophisticated, wider-scale, finer-grained, real-time understanding of tourism activities in a destination. The focus of this special issue is on the innovative application and analysis of big data to tourism planning.

Topics to be covered by this special issue include, but are not limited to, the following areas:

- Online data collection methods for big data analytics in tourism planning
- Structure, classification and identification of "Smart" systems for tourism planning
- Novel data mining, and processing methodologies (e.g. social media data, text analysis, image analysis, web analytics)
- Organizational acceptance and diffusion of big data tools for tourism planning
- Case studies of big data systems in tourism planning
- Dashboards and descriptive analytics of big data for tourism planning
- Big data classification/clustering/segmenting analytics for tourism planning
- Big data forecasting/analytics for tourism planning
- Big data association analysis/market basket analysis/recommender systems for tourism planning
- Big data graph/network flow analytics for tourism planning
- Prescriptive analytics, what-if analysis, simulation and scenario planning applications for tourism planning

- Information visualization and visual analytics for tourism planning
- Geospatial analytics for tourism planning
- Modeling of destination/tourism systems
- Agent-based modelling
- Data validity/triangulation issues
- Decision support systems, business intelligence and organization decision making in the tourism/destination context

Submission

Authors are invited to submit a short abstract with length of about 300 words containing: research objectives/questions, data and methods used, actual or foreseen outcomes, and contribution(s) to the field. Abstracts should be sent directly to the guest editors (Yang Yang: yangy@temple.edu; and Jason Stienmetz: j.stienmetz@surrey.ac.uk). Authors of accepted abstracts will prepare full papers following the Journal's instructions. All submitted papers will be fully peer-reviewed.

Deadlines

- Short abstracts are required no later than 3rd September 2017
- Notification of outcome will be provided by 10th September 2017
- Final papers are required no later than 22th October 2017
- Notification of review outcome will be provided by 30th November 2017
- Final papers should be submitted by the end of 2017 or early 2018

Submission instructions

Submission of a manuscript implies: that the work described has not been published before; that it is not under consideration for publication anywhere else; that its publication has been approved by all co-authors, if any, as well as by the responsible authorities – tacitly or explicitly – at the institute where the work has been carried out. The publisher will not be held legally responsible should there be any claims for compensation. Authors should submit their manuscripts online under https://www.editorialmanager.com/jitt/. The journal imposes no hard limits on the paper length as long as what authors write is important. Submissions that exceed 40 pages in journal format (including illustrations and references) should however be accompanied by a justification as to why a briefer discussion of their research results is not advisable. Full author instructions may be found here:

http://www.springer.com/business+&+management/business+information+systems/journal/40558

Any questions related to this Special Issue should be directed to:

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