

Call for Papers



Special Issue

Innovative Methodologies in Park and Recreation Management

Deadline: March 30, 2020 (full papers due)

Editor:

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Research on leisure, recreation, and tourism has evolved with the advancement of new technologies/analytic tools, emergence of new social trends and phenomena, and popularity of social media and online review platforms (Shoval & Ahas, 2016). The past decade has witnessed a tendency to increasingly integrate aspatial data collected from the traditional pencil/paper approach with spatio-temporal data collected from GPS, smartphones, Bluetooth, and other sources (e.g., geotagged photography from flickr) to examine individuals' spatio-temporal movement patterns/behaviors and experience (cf. Liu, Dong, & Chen, 2017). In addition, there is an increasing use of secondary data from online review platforms and social networking sites for data analysis (Shoval & Ahas, 2016). The availability of big data in various forms provides tremendous opportunities for researchers to explore visitor behaviors, source markets, and destination supply in a more sophisticated and holistic manner. That said, much research that involves big data and spatio-temporal analysis has been conducted in the broad context of tourism (i.e., hotels, restaurants, destinations), with limited attention in the field of park and recreation, especially in natural areas. Moreover, there is a paucity of development of mobile apps that simultaneously collect both socio-demographic/emotional/experiential data and spatio-temporal data over an extended period (Hardy et al., 2017; Kim, Thapa, & Jang, 2019). In addition, there is a lack of utilization of big data collected by citizens through smartphone apps in the context of citizen science (National Park Service, 2018). In view of this, this special issue invites manuscripts that focus on innovative methods to collect and analyze both aspatial and spatio-temporal data. Specifically, this special issue focuses on, but not limited to the following themes:

1. Mobility-based perceptions/instant experience of parks and recreation areas
2. Estimation of visit volumes using mobile device tracking and/or big data from social media
3. Spatial-temporal segmentation of park users
4. Spatial analysis of leisure constraints, attitudes, and perceptions
5. Spatial-temporal analysis of park users and public health/benefits

6. Valuing recreational resources using spatial econometric models
7. Applications of geospatial technologies (GIS, GPS, RS, LiDAR, drone, digital traces, etc.) for park management
8. Innovative design and implementation of mobile apps to track visitors
9. Utilization of big data collected by citizens
10. Public participation GIS (PPGIS) for park planning and management

Timeframe:

- May 10, 2019: Open call for papers
- August 6, 2019: Expression of interest–abstracts due
- September 6, 2019: Response about status of work
- March 30, 2020: Submission of full papers by author(s)
- January 15, 2021: Approximate publication of special issue

Submission Instructions and Key Dates:

Please send proposed paper title, name of author(s), and an abstract (300 words) to the guest editors, Drs. Jinyang Deng (jinyang.deng@mail.wvu.edu) and Jinwon Kim (jinwonkim@ufl.edu) by August 6, 2019. Authors will be notified by September 6, 2019 if they will be invited to submit a full paper.

Full manuscripts need to follow the format instructions for the *Journal of Park and Recreation Administration* (<http://js.sagamorepub.com/jpra/about/submissions>) and will undergo the normal blind review process with three reviewers. The deadline for submission of full papers is **March 30, 2020**. All accepted papers will be available immediately as an Online First publication in the journal website. The special edition compilation volume is scheduled for publication in Spring 2021. If invited by guest editors to submit a full paper, manuscripts should be submitted online and specify that it is for the special issue. <http://js.sagamorepub.com/jpra/about/submissions>

If you have any questions, please contact:

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References

- Hardy, A., Hyslop, S., Booth, K., Robards, B., Aryal, J., Gretzel, U., & Eccleston, R. (2017). Tracking tourists' travel with smartphone-based GPS technology: A methodological discussion. *Information Technology & Tourism*, 17(3), 255–274.
- Kim, J., Thapa, B., & Jang, S. (2019). GPS-based mobile exercise application: an alternative tool to assess spatio-temporal patterns of visitors' activities in a national park. *Journal of Park and Recreation Administration*, 37(1), 124–134.
- Liu, W., Dong, C., & Chen, W. (2017). Mapping and quantifying spatial and temporal dynamics and bundles of travel flows of residents visiting urban parks. *Sustainability*, 9, 1296. doi:10.3390/su9081296
- National Park Service. (2018). *Citizen science in the digital age*. Retrieved from <https://www.nps.gov/articles/citizen-science-in-the-digital-age.htm>
- Shoval, N., & Ahas, R. (2016). The use of tracking technologies in tourism research: The first decade. *Tourism Geographies*, 18(5), 587–606.