Call for Conference Participation and/or Papers:
The Second Conference on Risk Analysis, Decision Analysis, and Security: Risk Analysis in the Digital Era
Website: http://www.eng.buffalo.edu/~jzhuang/Conference13/index.html

Special issue of the journal *Risk Analysis* (latest impact factor: 2.898): Risk Analysis in the Digital Era
http://www.eng.buffalo.edu/~jzhuang/Papers/CFP_RA_Digital.pdf

Following the successes of the First (June 23-26, 2013) and Second (August 2-5, 2015) Conference on Validating Models of Adversary Behavior, Buffalo/Niagara Falls, NY, and the First Conference on Risk Analysis, Decision Analysis and Security, in Beijing, China, July 21-23, 2017, we are organizing the Second Conference on Risk Analysis, Decision Analysis, and Security in Buffalo/Niagara Falls, NY, USA, July 30 - August 2, 2019. The 2019 conference will focus on the theme "Risk Analysis in the Digital Era." We are also organizing a special issue of the journal *Risk Analysis* on the same topic. This conference/special issue seeks submissions that conduct cutting-edge research on the rich possibilities of harnessing high-volume, high-dimensional, multi-source, and/or multi-modal data to give insights for risk assessment, risk communication, and risk management. We also welcome perspective papers discussing the scope and limitations of big data risk analytics, including managing extreme events, causality vs. correlation, and privacy, legal and ethical issues. Key areas of focus include, but are not limited to:

- Adversarial behavior analytics in homeland security
- Data-driven food safety analytics
- Aviation risk analytics with flight recorded data
- Risk analytics in humanitarian logistics
- Big data-driven optimization models
- Predictive analytics for risk assessment and risk management
- Disaster management with big data
- Blockchain risk analytics
- Social media and risk analysis
- Cyber security and risk analysis
- Artificial intelligence and risk analysis
- Machine learning and risk analysis
- Virtual reality and risk analysis
- Internet of things and risk analysis

Important Dates:
- April 1, 2019: Email submission (title, authors, affiliation, and a 100-word abstract) to the conference chairs
- April 15, 2019: Abstract acceptance notification
- June 15, 2019: Early bird online registration deadline
- July 1, 2019: Full paper submission to the conference chairs (highly recommended, while not required, if you are interested in submission to the special issue of *Risk Analysis*)
- July 30-August 2, 2019: Conference in Buffalo/Niagara Falls, NY, USA
- October 1, 2019: Special issue submission (also open to those who do not attend the conference)
- February 1, 2020: First-round reviews
- Early 2021: Special issue published

Let us know if you have any questions! Look forward to seeing you around the beautiful Niagara Falls in summer 2019!
Conference Chairs/Guest Editors:
- Dr. Jun Zhuang, Professor of Industrial and Systems Engineering, University at Buffalo, jzhuang@buffalo.edu
- Dr. Chen Wang, Associate Professor of Industrial and Systems Engineering, Tsinghua University, chenwang@tsinghua.edu.cn