Call for Contributions:
Special Issue of Journal of Data Science on
Data Science Meets Social Sciences
Deadline: December 31, 2021

Journal of Data Science (`http://jds-online.org`) invites submissions for a special issue on "Data Science Meets Social Sciences". Data science is playing an increasingly important role in the social sciences through the use of a wide variety of data (e.g., structured and unstructured, quantitative and qualitative) to facilitate our understanding of human and society. The social sciences, historically rich in theories and contextual knowledge, are well positioned to transform data products into meaningful decisions and practices. This special issue is dedicated to the conjunction of data science and the social sciences. It aims to discuss topics including but not limited to (1) methodological innovations in data science with applications to a social science domain; (2) applications of the state-of-art data science approaches that lead to new discoveries in the social sciences; (3) the role of the social science in developing data science tools; (4) unique challenges and opportunities that scientists are facing in the intersection of data science and the social sciences.

The contributions can be from any branch of data science or related fields (e.g., mathematics, statistics, epidemiology, economics, computer science, and engineering) and the social sciences (including but not limited to anthropology, communication, economics, education, linguistics, political science, psychology, and sociology). Cutting-edge works in big data, visualization, machine learning, and artificial intelligence are welcome as well as classic methodological and applied works. The contributions can target any of our newly opened sections (Philosophies of Data Science; Statistical Data Science; Computing in Data Science; Data Science in Action; Data Science Review; Education in Data Science) or beyond, of time-sensitivity or lasting impact. All manuscripts submitted must contain original unpublished work that is not being submitted for publication elsewhere. Submitted manuscripts will go through the regular, fast (3-4 weeks) review process. Accepted manuscripts will be published online immediately. To submit, please visit `https://jds-online.org/journal/JDS/information/instructions-for-authors` and mention the special issue in a cover note. A tentative deadline is December 31, 2021.

Started in 2003, Journal of Data Science publishes research works on a wide range of topics that involve understanding and making effective use of field data. The journal has been reformed since July 2020 to better serve the data science community in the era of data science. We are confident that the special issue will advance our understanding of how to bridge data science and the social science. We look forward to receiving your submissions.

Guest Editors:
- Elena A. Erosheva, Department of Statistics, School of Social Work, and the Center for Statistics and the Social Sciences, University of Washington
- Shahryar Minhas, Department of Political Science, Michigan State University
- Gongjun Xu, Department of Statistics, University of Michigan
- Ran Xu, Department of Allied Health Sciences, University of Connecticut