

Introduction

Network Science is a new journal for a new discipline -- one using the network paradigm, focusing on actors and relational linkages, to inform research, methodology, and applications from many fields across the natural, social, engineering, and informational sciences. Given growing understanding of the interconnectedness and globalization of the world, network methods are an increasingly recognized way to research aspects of modern society along with the individuals, organizations, and other actors within it.

We view *Network Science* as a defining work, shaping the new discipline of network science. A lengthier definition of network science and the aims and scope of the journal can be found in the first issue, as well as on our website, <http://www.indiana.edu/~netsci>. The journal welcomes contributions from researchers in all relevant areas working on network theory, methods, and data.

Network Science maintains an editorial office at Indiana University, in Bloomington, staffed by the Managing Editor, Ann McCranie, and the Coordinating Editor, Stan Wasserman. Our email address is networkscience@cambridge.org.

Manuscript Preparation

Network Science is intended for a broad, interdisciplinary audience. Please avoid jargon and give adequate explanation for concepts and methods that may be unfamiliar to academic readers from different fields. However, please assume that our readers are familiar with introductory ideas in network science. It is not necessary in submissions to define terms such as *centrality*, *density* or *degree distribution*.

Length: As an interdisciplinary journal, *Network Science* encourages articles from different fields that often have different publishing standards. In general, the length of an article should be between 20 and 40 pages, including footnotes and references, but the editors are open to exceptions if needed. We are also open to shorter research notes that emphasize visualizations, to be published at the end of each issue. We are not currently accepting book or software reviews.

Format: Submissions should be written in one of two formats: LaTeX and Microsoft Word.

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Word documents should use Times New Roman 12-point font and one-inch margins. Documents should be double-spaced throughout. Do not include any header or footer information in the document. Page numbers should be at the bottom of all pages. Do not incorporate figures, tables, or text boxes into the main text of the article, but refer to them by their number in the text and place them at the end of the manuscript. Indicate where preferred placement is for figures and tables in the text. For the review stage, all figures should be embedded as objects at the end of the file; high-resolution (*eps* or *tif*) files will be requested after acceptance.

LaTeX Submissions:

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Abstracts:

Abstracts should be no more than 200 words and should include the main aims of the paper, the methods and specific data source if applicable, and the conclusions. Please include up to 10 keywords that should accompany the article. Examples: *centrality, brain science, p*, epidemiology*.

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- (Moreno, 1953)

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- (Hutchins & Benham-Hutchins, 2010; Borgatti & Everett, 2005)

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- (Doe et al., 2012)

List of References

Each work cited should be listed at the end of the article. Below is an example.

REFERENCES

- Borgatti, S. P., & Everett, M. G. (2005). Extending centrality. In P. J. Carrington, J. Scott & S. Wasserman (Eds.), *Models and methods in social network analysis* (pp. 57-76). Cambridge: Cambridge University Press.
- Coleman, J., Katz, E., & Menzel, H. (1957). The diffusion of an innovation among physicians. *Sociometry*, **20**(4), 253-270.
- Frantz, T. L., & Carley, K. (2005). A formal characterization of cellular networks (CASOS - Center for Computational Analysis of Social and Organizational Systems, Trans.) *CASOS Technical Report* (pp. 14): Carnegie Mellon University.
- Hutchins, C., & Benham-Hutchins, M. (2010). Hiding in plain sight: Criminal network analysis. *Computational & Mathematical Organization Theory*, **16**(1), 89-111.
- Moreno, J. L. (1953). *Who shall survive? Foundations of sociometry, group psychotherapy and socio-drama* (2nd ed.). Oxford, England: Beacon House.

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