

## Special Call for Papers from the Journal of Engineering Education and Advances in Engineering Education

Call for Papers: Special Themed Section of the *Journal of Engineering Education*:  
Effects on the Engineering Education Community of the COVID-19 Pandemic

The Editor and Editorial Board of the *Journal of Engineering Education (JEE)* invite article submissions for a special themed section of a forthcoming issue on the effects of the COVID-19 outbreak and subsequent pandemic on the engineering education community. The special themed section, a collection of related papers, would be part of a regularly published issue of *JEE* that includes other original research and research review articles. Articles accepted for publication in the special section would be tentatively scheduled for publication in 2022, and these related manuscripts will be compiled in a virtual issue of *JEE*.

The COVID-19 outbreak has prompted unprecedented events and widespread use of online platforms for teaching, research and collaboration. This presents the opportunity to reflect on how the pandemic has affected students, educators, teaching and learning, and the engineering education community broadly. Topics could include, but are not limited to, new knowledge about learning, virtual learning environments, the impact of stress on learning, and virtual collaborations between stakeholders in the engineering education community. Other broader topics could include socio-cultural issues related to access to technology that enable online education, and critical analyses of how engineering education prepares individuals for global crises such as COVID-19.

The deadline for articles to be submitted for this special section should be submitted by December 1, 2020. It is anticipated that they will be published by January 2022; the peer review and revision process will be accelerated for these articles to allow publication in a timely manner. Articles submitted for this special themed section will go through a double-blind peer review process. Authors should indicate in their cover letter that their manuscript is intended for the special themed section by including the following statement: "This manuscript is submitted in response to the call for papers for the Special Themed Section of the *Journal of Engineering Education*: Effects on the Engineering Education Community of the COVID-19 Pandemic." Articles received after the deadline will be considered for peer review and publication, and if accepted, will be published in an upcoming issue of *JEE* and will be added to the special virtual issue dedicated to research related to effects of COVID-19 on engineering education. The virtual issue will include those articles published in the special themed section, and will be updated quarterly with accepted manuscripts about ongoing research in this area.

Submitted manuscripts should not have been published previously, nor be under consideration for publication elsewhere. A guide for authors and other relevant information for submission of manuscripts is available on the JEE website under Author Guidelines:

<https://onlinelibrary.wiley.com/page/journal/21689830/homepage/forauthors.html> .

## CALL FOR PAPERS – SPECIAL ISSUE OF *ADVANCES IN ENGINEERING EDUCATION*: THE IMPACT ON ENGINEERING EDUCATION OF THE COVID-19 EPIDEMIC

*Advances in Engineering Education* is seeking short, 1000 word, papers for a special issue on COVID-19 and the conversion to virtual learning. Papers must be submitted by June 30, 2020. They will undergo a quick, limited peer-review. Our intent is to have this special issue published online by September 1, 2020.

Submitted papers should report on issues related to the rapid implementation of online or otherwise remote education due to the COVID-19 epidemic. Papers may address but are not limited to creative solutions to moving lectures, projects, labs, or other coursework to a virtual or remote platform, as well as new learning communities, and mechanism for sharing best practices.

- ï The paper should be considered as an extended abstract. Similar to the format of a Looking Ahead article, the body of the paper should consist of no more than 1,000 words (not including tables, figures, references and biosketches).
- ï The paper should focus on challenges faced and resolved as a consequence of the epidemic, including new approaches that may lead to longer-term implementation. The focus should be on implementation including the plan for implementation.
- ï The body of the paper must consist of four sections:
  - o Introduction – clearly state the particular challenge you faced; to the extent possible, briefly reference related prior work or studies.
  - o Methods – describe the implementation; any platform and software used to address the challenges; explain how the innovation was tested and implemented. Discuss the learning curve and note changes and improvements made as you gained experience.
  - o Preliminary Results – if possible provide data on the types of courses involved; the various methods in which students were reached, including cases where it was difficult to reach some; and the extent of the original course load or curriculum covered. Initial assessment could include student and faculty perceptions of teaching and learning effectiveness. Include figures, tables, short video clips, and audio as appropriate. Include links to appendices and other relevant information.
  - o Next Steps – address how these challenges might impact your future instruction. Thus, what might happen after the epidemic passes?

Please add references; authors may wish to include a brief acknowledgement section. Finally, please include a brief biosketch and a high resolution digital photograph for each co-author.

- ï Consult the website [advances.asee.org](http://advances.asee.org) for other applicable criteria for unsolicited papers.