

Instructions for Authors

The mission of Journal of SMET Education: Innovations and Research is to meet the need for high-quality case studies and papers that integrate real world issues with theories in science, mathematics, engineering, and technology (SMET) subjects. The journal encourages faculty and practitioners of SMET disciplines to share their experiences and innovations through articles and case studies. This journal is jointly developed by Laboratory for Innovative Technology and Engineering Education (LITEE) and South East Advanced Technological Education Consortium (SEATEC). It is published by Technovations, RLS, LLC.

This journal publishes outstanding teaching cases and research articles drawn from research in real organizations, dealing with issues in SMET education. The purpose of the journal is to bring professional practice to the classroom by highlighting the relation between real-world decisions and SMET education. These case studies are expected to be used by faculty members in universities, four-year colleges, two-year colleges, and high schools. The case studies will include color photographs, charts, and other visual aids in order to bring engineering topics alive to the classrooms.

Cases accepted for publication will deal with issues important to SMET fields. The journal not only emphasizes cases based on field research, but also accepts secondary-sourced cases. The journal encourages case studies that cut across different SMET disciplines, and address non-technical issues such as finance, cost, management, risk, safety, etc.

The case studies are expected to be framed around problems facing some decision-maker in an organization. Cases submitted for publication must be accompanied by a comprehensive "Instructor's Guide," which includes the following elements:

- (A) A one-page synopsis of the case.
- (B) Identification of the intended course and audience. Identification of any associated readings or theoretical materials that teachers might draw upon to relate the case to their field or course.
- (C) Assignment questions for students, accompanied by a full analysis of each question.
- (D) An epilogue or follow-up information about the decision actually taken.

The manuscript and the instructor's manual would be blind-reviewed by teachers, researchers, and practitioners in the appropriate discipline. The authors could suggest the name of four reviewers out of which one reviewer would be chosen. Other reviewers would also be used in the review of the case study. Previously published cases or articles (except those appearing as a short overview in proceedings, posted on web pages, presented in conferences or workshops) are not eligible for consideration.

Cases submitted for review should be accompanied by a cover letter from the corresponding author, including the following paragraph:

In submitting this case to the **Journal of SMET Education: Innovations and Research** for widespread distribution in print and electronic media, I (we) certify that it is original work based on real events in a real organization. It has not been published and is not under review elsewhere. Copyright holders have given permission for the use of any material not permitted by the "Fair Use Doctrine". The host organization has signed a release authorizing the publication of all information gathered with understandings of confidentiality.

The research articles will focus on innovations that have been implemented in educational institutions. We expect these articles to help educators plan and deliver their instructional materials. Articles that focus on use of different information technologies in classrooms are welcome. We expect the articles to have examples, figures, pictures, charts, screen captures, and photographs in order to explain the educational technologies clearly. It is critical that the articles are easily readable and usable.

Since technology changes rapidly, the key element of publication will be a short turn-around time between the submission of the case study/article and its publication in the journal. The editors will work with the authors in order to achieve a fast turn-around time in the review and publication process. Frequently, editorial board members will serve as reviewers. In addition, reviewers are appointed on an as-needed basis. Upon acceptance of a case study/article by the editors, the authors have to submit the final manuscripts on a format provided to them. Also, the authors have to sign a form transferring copyright.

Please send four paper copies and/or a Microsoft Word version of the case study/article to one of the editors-in-chief.