



Asia-Pacific Science Education

Invitation to Contribute to
Special Issue
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In response to the global pandemic, science educators everywhere have been struggling to meet the needs of science learners through new and innovative ways. Around the world, educators are using technology to teach science online and in blended classrooms as schools have begun to transition back into the regular classroom. The pandemic has radically changed how school and science has been taught and learned in K-12 contexts and in higher education. In addition, the pandemic has also changed how scholars are conducting research with teachers and students.

The proverb “necessity is the mother of invention” aptly describes the fast-paced changes that have occurred over the last year and a half in the fields of education and educational research. At this time, it is important to document and disseminate research about these innovations and their impact on science learners. To support this initiative, *APSE* invites scholars to submit papers for the June 2022 issue that will **focus broadly on the topic of technology use and integration in science teaching and learning.**

We invite studies using various methodological approaches to describe and evaluate innovations in curriculum and instructional strategies in science at all levels. We invite not only classroom-focused studies, but also review papers that introduce some of the advances in and uses of artificial intelligence (AI), virtual reality (VR), augmented reality (AR), and myriad other tools that have emerged in response to the pandemic. At this time, education systems, schools, and teachers will need to start making decisions about

whether and how to continue using various resources and tools in the science classroom. Research demonstrating the effectiveness, challenges, and benefits of various tools and strategies can be informative for individual educators, curriculum designers, and policy makers.

This special issue will appear in June 2022. We are accepting contributions starting now and we also welcome contributions unrelated to the special issue topic, which can appear in parallel to articles related to innovation in technology use.

Please contact APSE (apse.journal@gmail.com) if you have any questions about the submission process or timeline.