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## Special Issue on Science Education

### Call for Papers

Science education, as an academic discipline, concerns the systematic study and practice of teaching and learning scientific knowledge. It explores the most effective ways to impart scientific concepts, methods, and processes to students, emphasizing hands-on experimentation, problem-solving, and critical thinking. The field also examines the role of science education in promoting scientific literacy, fostering curiosity, and enabling students to make informed decisions about scientific issues in their daily lives. Science Education researchers strive to understand how students learn science, how teachers can best facilitate this learning, and how science education policies and practices can be improved to enhance student outcomes and contribute to the overall development of a scientifically literate society.

In this special issue, we intend to invite front-line researchers and authors to submit original research and review articles on **Science Education**. Potential topics include, but are not limited to:

- Science teaching methodologies:
- Science curriculum design and evaluation
- Cognitive, emotional, and social processes in learning of science
- Science teacher education and professional development
- Science teaching assessment and evaluation
- Integration of science and technology education
- Interdisciplinary approaches
- Science education policy research
- Cross-cultural science education
- Gender issues in science education
- Ethical issues in science education:
- Science inquiry and problem-based learning
- Discovery learning and creative thinking
- Systems thinking and scientific reasoning
- Innovations in science education
- Information technology in science education
- Leadership in science education
- Science communication and public understanding of science

**Authors should read over the journal's [For Authors](#) carefully before submission. Prospective authors should submit an electronic copy of their complete manuscript through the journal's [Paper Submission System](#).**



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Please kindly notice that the “**Special Issue**” under your manuscript title is supposed to be specified and the research field “**Special Issue – *Science Education***” should be chosen during your submission.

According to the following timetable:

Submission Deadline	July 15th, 2024
Publication Date	September 2024

**For publishing inquiries, please feel free to contact the Editorial Assistant at [submission.entrance1@scirp.org](mailto:submission.entrance1@scirp.org)**

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