

# Guest Editorial

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## INNOVATIVE TEACHING AND LEARNING METHODS IN AGRICULTURAL AND BIOLOGICAL ENGINEERING EDUCATION

This is the third and final special issue in the 3-part series of the *IJEE* on Agricultural/Biological/Biosystems Engineering Education. Starting with a viewpoint article on the problems of teaching design to today's ag/bio engineering students, specific topics covered include modelling tools for classroom learning, courses design, creativity and multidisciplinary approaches to engineering problem-solving, technical communication, problem-based approach to teaching, e-learning models, and industrial approach to collaborative learning.

As we write this editorial, the oldest professional agricultural engineering society in the world, the American Society of Agricultural and Biological Engineers (ASABE), is celebrating its 100th year anniversary in Minneapolis, USA. We hope that the completion of the special issue series on AgBio Engineering Education makes a valuable contribution in documenting the transformation and reinvention of the discipline, and thus paves the way for the education of future engineering professionals to serve humanity through sustainable agriculture and other biological industries. We believe that the papers presented in this Special Issue series, especially those dealing with curriculum reform, assessment, and innovative teaching and learning techniques and the emergence of biological engineering, may also be of interest to other engineering disciplines and the broader academic community.

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