



CALL FOR PAPERS

SPECIAL ISSUE ON

SUSTAINABLE DEVELOPMENT GOALS IN ENGINEERING EDUCATION

Guest Editor

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Contributions are invited for a special issue of the International Journal of Engineering Education (IJEE) on sustainable Development Goals (SDGs) in Engineering Education.

Since the United Nations established the 17 Sustainable Development Goals in 2015, companies, enterprises, and educational institutions have been urgently devising relevant policies or establishing relevant units to align with the global trend of sustainability and environmental protection. For example, many private companies have begun to enact ESG (Environment, Social, Governance) regulations to reduce the environmental impact of their products or ensure that their production processes comply with environmental standards. Similarly, many universities have begun to establish sustainable development centers or offices, requiring teaching curricula and research projects in all departments to align with the 17 SDGs. Times Higher Education (THE) even openly publishes global ranking information based on universities' relevant achievements of the 17 SDGs.

Compared to other disciplines, engineering research and development are more directly associated with the SDGs due to the nature of the engineering profession. For instance, projects such as electric vehicle development in automotive engineering, research on green energy in hydraulic engineering, exploration of green medical materials in biomedical engineering, studies on green building in civil engineering, or projects for manufacturing energy-efficient chips in electrical engineering are all illustrative examples. The key theme in this special issue is to investigate the current status and development of SDGs in engineering education.

Topics of inter include, but not limited to:

- ICTs for promoting SDGs
- Curriculum and instruction related to SDGs
- School policies on SDGs
- University social responsibility (USR) related to SDGs
- School's efforts on ESG regulations
- School's sustainability report

- School's response to THE impact ranking
- Sustainable development in engineering departments
- Student's training on sustainable engineering profession
- Teacher's professional development on SDGs

Important Deadlines

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| ● Extended abstract (around 2 pages) | December 31, 2024 |
| ● Notification of Reviewers' feedback | April 31, 2025 |
| ● Submission of manuscripts | August 31, 2025 |
| ● Notification of Reviewers' feedback | October 31, 2025 |
| ● Submission of final manuscripts | December 31, 2025 |

Submissions are to be sent by email in MSWord to Prof. Pao-Nan Chou at pnchou@mail.npust.edu.tw

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