CALL FOR PAPERS ON Outdoor STEAM Education

Special issue on opportunities for inclusion, project-based and technology-enhanced teaching and learning in the environment with Outdoor STEAM Education

Outdoor STEAM education is an emerging teaching method supporting active project-based learning processes and forging connections with the environment, peers, and students via interaction with the natural world. Practitioners in outdoor education often report the positive, inclusive ways of teaching and low barriers for students with special needs. Thus, bonding with nature allows STEAM subjects to be applied directly to students' learning environments as they experience their reality in groups or individually.

In addition, positive influences on learning processes and outcomes, motivation and relevant STEAM competencies, such as modelling, can be observed. In recent years, technologies such as Augmented Reality, 3D printing, Classification Applications or GPS, to name a few, have become a part of outdoor education as well and allow us to connect with both the digital and real worlds.

We welcome empirical research submission, and well-developed concept and theoretical papers on Outdoor STEAM education about nature and the everyday environment for this particular issue.

Suggested topics include:

- Technology-enhanced learning with GPS or mixed Realities in Outdoor STEAM education
- Project-based learning and/or peer learning in Outdoor STEAM education
- Integrated STEAM learning in Outdoor education
- Crafts and technology in Outdoor STEAM education
- Opportunities for inclusion or special needs education within Outdoor STEAM education

Timeline

Submission of abstract deadline:	Feb 15, 2023
Notification and feedback from guest editors:	March 15, 2023
Submission of full manuscript:	April 15, 2023
Review and revisions:	April 2023– July 2023
Final decision:	August 30, 2023
Publication (Early view):	November 2023

Submission Guidelines

Interested authors should submit a title and a max 500 word abstract to the Guest Editors, Dr Ben Haas (ben.haas@outlook.com), Dr Yves Kreis (yves.kreis@uni.lu), Dr Simone Jablonski (jablonsk@math.uni-frankfurt.de) and Dr Adi Nur Cahyono (adinurcahyono@mail.unnes.ac.id). Questions related to the special issue should be addressed to Dr Ben Haas.