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Erika Péntzesné Kónya

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Preface

This issue is a thematic volume dedicated to environmental education and sustainability with 8 articles. Environmental education is more and more important theme of our everyday life, and it was the main goal of the organising Committee of International Environmental Education Conference in Eger, IEEC 2018, held from 30th May to 1st June 2018. IEEC is the conference where good sustainable practices and their educational aspects can be presented for the wide public and for experts at the same time. Six scientific articles have been submitted as previous presentations of IEEC2018.

The following publications are topics from among environmental education themes as the practical analysis of knowledge elements in connection with plants in school biology textbooks by Éva Nagy. According to her content review the hierarchy of botanical knowledge elements should follow the biological conservation and national native plant conservation priorities.

The article, written by Katalin Szalay, Zsuzsa Emri and Károly Antal deals with the environment, nonspecific factors of drug consumption among young people. Researchers aim to find the implications of environmental inequities for disparities in substance use disorders and treatment outcomes. More detailed knowledge about the environment within the drug is consumed helps to form rule that are approved.

In the article of Ferenc Mónus environmental attitudes were investigated and self-declared behaviours as consumer habits, healthy food habits, thrifty habits, waste management. Not many previous study have investigated environmental awareness of students in such a diverse sample of schools (875 students from 13 secondary schools)

Réka Könczey and Katalin Czipán wrote about an interesting topic within environmental education: sustainable development by exploring the details of people's potential set of motifs with local natural environmental content. They also examined the correlations of these potential motifs with ecosystem services.

What is edutainment in the Magic Tower? Izabella Benczik introduces it to the readers. Magic tower refers to the tower of the Lyceum building of Eszterházy Károly University in Eger which is operating as a centre of exciting teaching methodology and scientific exhibitions. Light pollution, solar energy, energy saving light bulbs are among the examples of the environmental issues discussed in their events.

Lívia Kürti deals with a permanently actual theme within environmental education: the topics of water and hydrology knowledge in Geography and Science education. She gives a short overview about what and how we teach about water in primary and secondary school.

Outside education themes are very important areas of ESD, so it is a good way to develop and enrich the knowledge about environmental education trails with Zsuzsanna Angyal and her co-author, Katalin Négyesi.

The article of Éva Kovács-Bokora, Endre Domokos and Endre Kiss is about industrial sludge use for producing plants examine the process which starts with germination and it is a very sensitive part of the technology.

Journal of Applied Technical and Educational Sciences 2019/1 Volume definitely deals with the actual needs of education and gives a colourful picture about environmental education research. The publications show: we must think about school and life-long learning aspects of environmental education in a deeper and more practical way in the future.

1 of March, 2019

Erika Péntzesné Kónya,

Guest Editor