

European Variety In Chemistry Education 2019: Abstract Booklet

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P2 Pre-service and in-service chemistry teachers education for sustainable development

Vesna Milanovic, Marinko Zubic, Dragica Trivic, University of Belgrade, Serbia
Marina Stojanovska, Cyril & Methodius University, Republic of North Macedonia

If we want to develop behaviour of youth according to the goals of sustainable development we should educate teachers according to these goals. With this view we prepared and performed the workshop for the pre-service chemistry teachers. Also, we conducted the same workshop with the in-service chemistry teachers in two countries, Serbia and North Macedonia.

In the framework of the workshop we explored knowledge of the pre-service and in-service chemistry teachers about the definition and goals of sustainable development and engaged the participants with activities throughout they had opportunity to consider issues from the perspective of sustainable development. The workshop contains several parts and its realisation encompasses two classroom periods (90 minutes). *Socratic* teacher app was used for gathering data during the workshop. In the beginning the participants filled the questionnaire. Some questions from the questionnaire were chosen for a further discussion and different texts or video materials were provided to participants in order to support their reconsideration of previously stated answers. This step was performed several times during the workshop. In the end of the workshop the participants filled the questionnaire again. According to the obtained results, this workshop could be used for improvement of the pre-service and in-service chemistry teachers further work associated with the goals of sustainable development.

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