



Contribution ID: 9

Type: **Oral presentations**

Improving socio-scientific reasoning through field-trips

Tuesday 27 August 2024 10:30 (20 minutes)

Perspective-taking is considered as a key competency for socio-scientific reasoning. Out-of-school education has multifaceted potentials for science education because of its authenticity and cross-disciplinary nature. In a comparative study it is examined to what extent and in which way the visit of an out-of-school-education site during a course with socio-scientific issues influences the socio-scientific reasoning of German high-school students. During the course students provided written statements and had semi-structured interviews both of which were qualitatively analyzed. The findings indicate that such a field-trip can foster the ability to perspective-taking.

How would you like to present your contribution?

Live in Kraków (time slot to be allotted based on the programme)

Target education level

Secondary

Category

Formal Education

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Session Classification: Oral presentations

Track Classification: Physics for Environment and Social issues