



Contribution ID: 161

Type: Poster

Students' ideas on the weather phenomenon foehn and their conceptual understanding of p-V diagrams - An explorative study

Thursday 6 July 2023 16:20 (20 minutes)

Although the weather accompanies our students every day and the technical basics are taught in various subjects, their understanding of weather phenomena is poorly developed. The difficulties students have in applying their knowledge of mathematics and physics to weather are complex. We would like to explore these difficulties and the reasons for this lack of understanding through various studies. For this purpose, we conducted two studies on students' learning difficulties related to the foehn weather phenomenon. The results show that despite thematic teaching in geography, mathematics, and physics, basic concepts are not known, and interpretive strategies are lacking.

How would you like to present your contribution?

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

Target education level (primary)

Lower-secondary education

Target education level (secondary, optional)

Higher-secondary education

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