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Out-of-field Teaching in Physics and Science –A Systematic Review

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Out-of-field teaching, where educators teach subjects outside their expertise, is a globally discussed topic in literature. Nevertheless, it remains unclear how research is represented in detail. This contribution describes a systematic review addressing this issue for out-of-field teaching in secondary education in general and particularly in physics and science. Starting with 1058 research articles, 145 were identified for general analysis. The next focus on physics and science revealed 34 publications. We found the majority of research on out-of-field in the USA and Australia and a research focus on the challenges and consequences of out-of-field teaching.

Education level

Pre-service and in-service teacher education

Physics topic

Other

Research focus

Other

Research method

Other

Organizing preference criteria

Education level

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