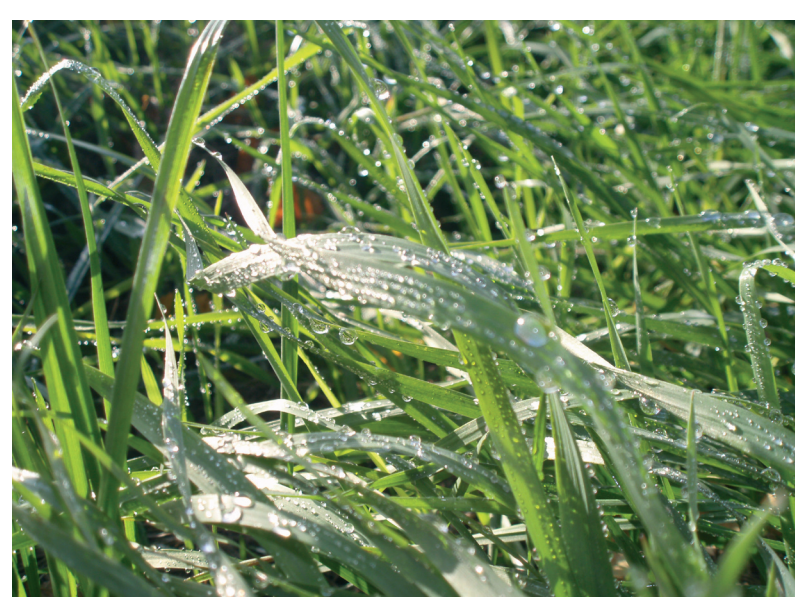




SEED

2009-2011

Sustainable Food Education for Self-Efficacy Development - SEED How to encourage future citizens to act for a sustainable society



Effect of outdoor education on conceptual change, emotions and self-efficacy

The aim is to study how different learning environments in outdoor education affect pupils' self-efficacy, emotions and conceptual change on the image of food system and sustainable development by using three different learning environments, the farm, the school refectory and an ordinary classroom.

Research questions:

1. What is the interventions' impact on self-efficacy and emotion-cognitive factors regarding sustainable development?
2. How does the learning environment affect the image of food system and sustainable development?

The survey will be carried out with a questionnaire containing both multiple choice and open questions. Pre-test and post-test comparisons are used to track changes.

Analysis methods:

- a) content and factor analysis: testing of scales
- b) multiple regression analysis, intercorrelation matrix, analysis of variance, and t-tests: self-efficacy, emotion-cognitive factors
- c) narrative and content analysis: open questions, interviews and learning diaries.

The results will be published in refereed papers and as a Ph.D. study.

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