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Leibniz Centre for Agricultural Landscape Research (ZALF)

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New publication:

## New paths in climate change education: Drama as a key to change?

Given the pressing challenges of climate change, education is increasingly seen as a key to transformative adaptation to a changing environment. A study, conducted in collaboration between the Leibniz Centre for Agricultural Landscape Research (ZALF) and the University of Victoria (Canada), takes a closer look at an innovative approach: the use of drama in climate change education.

The study, published in the Journal of Adult and Continuing Education, explores the possibilities of dramatic expression as a tool to promote creative problem solving and social change in the context of climate change. The team of researchers evaluated a methodological framework in a workshop where participants explored the challenges of floods and droughts through theatrical staging and developed adaptive scenarios.

"Our research highlights the importance of dramaturgy as an effective teaching method to communicate not only the scientific aspects of climate change, but also the social, emotional and psychological dimensions," explains Juliano Borba, the lead author of the study and a research partner of ZALF for many years.

The results of the study not only provide insights into the effectiveness of the dramatic approach in climate adaptation education, but also provide a pedagogical framework and theoretical basis for teachers, educators and educational institutions wishing to improve their approaches to climate education.

The study underlines the urgency of new educational approaches in the face of the increasing risks of climate change and shows how dramaturgy as a methodology to raise awareness, promote positive attitudes towards the future and develop concrete strategies to adapt to climate change. It is part of a series of studies on art-based methods for transformative research, a collaboration between the Leibniz Centre for Agricultural Landscape Research (ZALF) and the University of Victoria (Canada).

### Project partner:

- University of Victoria (Canada)
- Leibniz Centre for Agricultural Landscape Research (ZALF)

### Further information:

Article: [Climate change education through drama and social learning: Playful inquiry for building extreme weather events adaptation scenarios](#)



A recent ZALF study explores the possibilities of dramatic expression as a tool to promote creative problem solving and social change in the context of climate change. | The picture can be used for editorial purposes by stating the source: © Unsplash | Picture in color and print quality: <http://www.zalf.de/de/aktuelles>

#### Press contact:

Hendrik Schneider  
Head of press and public relations  
Phone: + 49 (0) 33432 82-242  
Mobile: + 49 (0) 151 405 455 00  
Email: [public.relations@zalf.de](mailto:public.relations@zalf.de)

#### Scientific contact:

Affiliate Prof. Dr. Michelle  
Chevelev-Bonatti  
Research Area 2  
Phone: + 49 (0) 33432 82-218  
Email: [michelle.bonatti@zalf.de](mailto:michelle.bonatti@zalf.de)

**About the Leibniz Centre for Agricultural Landscape Research (ZALF) in Muencheberg, member of the Leibniz Association:**

Mission of ZALF is to deliver solutions for an economically, environmentally and socially sustainable agriculture –together with society.

As a contribution to overcoming global challenges such as climate change, food security, biodiversity conservation and resource scarcity, we develop and design crop systems, integrated in their landscape contexts that combine food security with sustainability. Therefore we process complex landscape data with a unique set of experimental methods, new technologies and models as well as socio-economic approaches.

ZALF research is integrated systems research: starting from processes in soils and plants to causal relationships on the field and landscape level up to global impacts and complex interactions between landscapes, society and economy. [www.zalf.de](http://www.zalf.de)