

Title: Transformative learning in the field of sustainability

Subtitle: A systematic literature review (1999-2019)



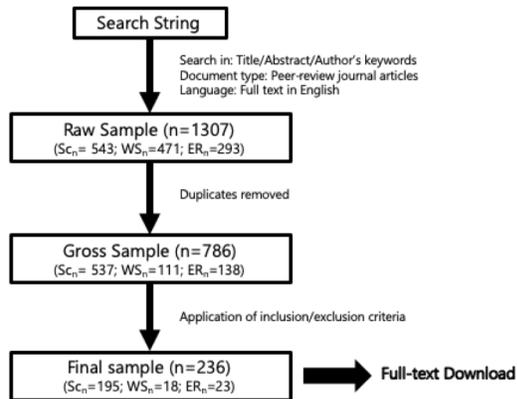
PRESENTER:

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To date, few attempts have been made to better understand how transformative learning theory has been used in sustainability learning and ESD research. This systematic review allows for a better comprehension of how concepts and mechanisms elucidated in transformative learning theory are operationalised in sustainability learning and ESD research and serves as a source of inspiration for those researchers and practitioners who aims to make sustainability education, teaching and learning more transformative.

METHODS

First search conducted on February 2018
Updated search on April 2020.
Sc=Scopus
WS=Web of Science
ER=ERIC

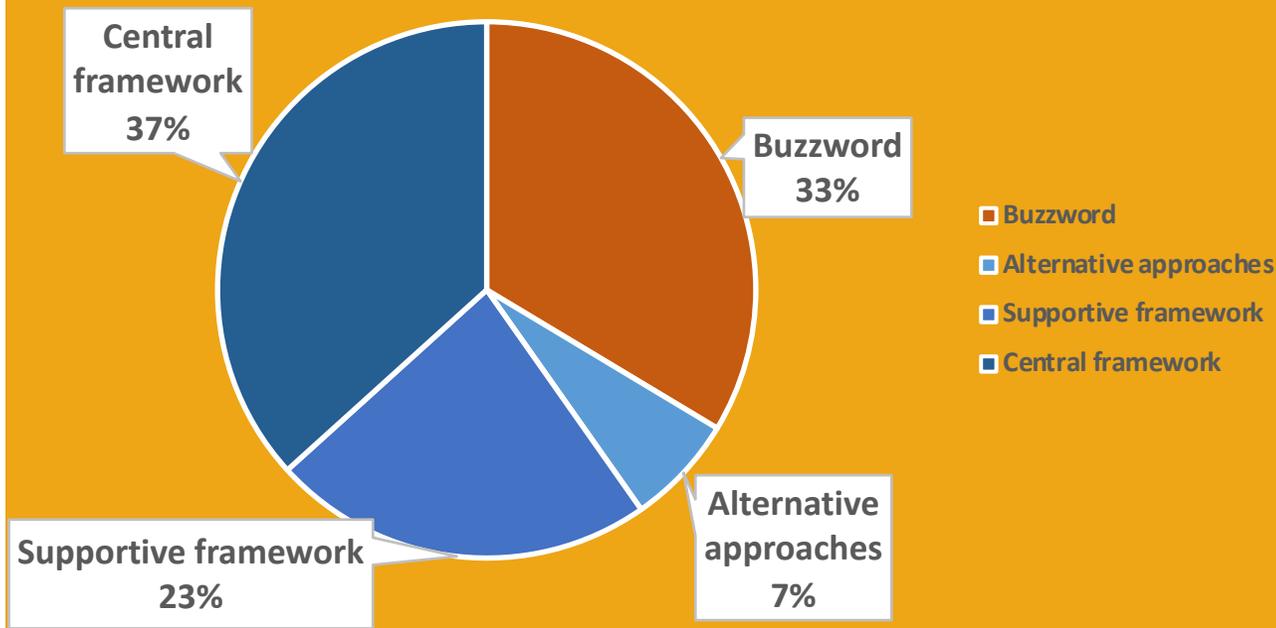


RESULTS

- It is essential to consider both the **disorienting dilemmas** that can emerge during the learning interventions and the **prior learning** of individuals before embarking on these processes.
- Transformative learning in the context of sustainability encompasses a broad spectrum of **learning outcomes**
- Transformative learning shares common elements with **experiential and social learning**
- It is crucial to plan educational interventions along with supportive learning conditions e.g., **time and space for reflection and discourse, social interaction and support.**

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Transformative learning has become an **attractive term** in the field of sustainability but it is used **without a critical exploration** of the underlying theory.

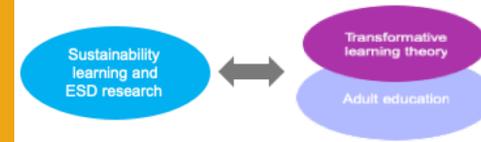


Classification of the sample universe according to the theoretical use of transformative learning

You can find the full article in:
<https://www.emerald.com/insight/content/doi/10.1108/IJSHE-05-2019-0168/full/html>

Research Questions

- How has transformative learning theory been utilised in sustainability learning- and ESD research?
- How has transformative learning theory been operationalised in sustainability learning- and ESD studies?



Search string:

(**transformational OR transformative**) AND (**learning OR education***) AND ("sustainable development" OR sustainability)

From the sample universe (N=226), 39% of articles focuses on **higher education**



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