A large group of diverse school children, mostly in white uniforms, are gathered outdoors for an environmental protest. They are holding various handmade signs on cardboard. Some signs include messages like "TAKE AND PLANT B", "DON'T MAKE A POLLUTION KEEP A GOOD SOLUTION", "Save our trees", "one planet", "ONE CHANCE TO", and "OUR PLANET". The children are smiling and looking towards the camera. The background shows trees and a clear sky.

Education and the climate emergency- reimagining our future, together.

Dr. Nasreen Majid



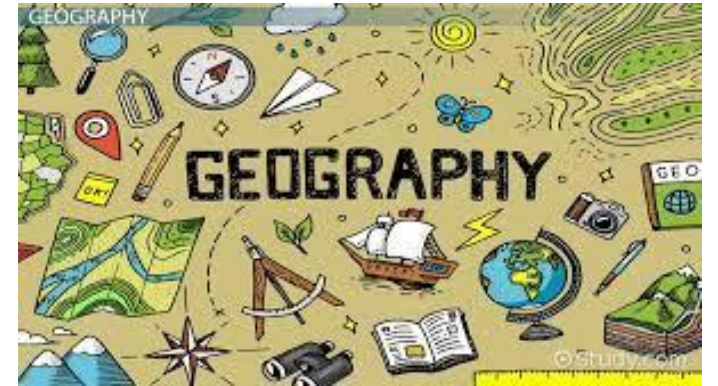
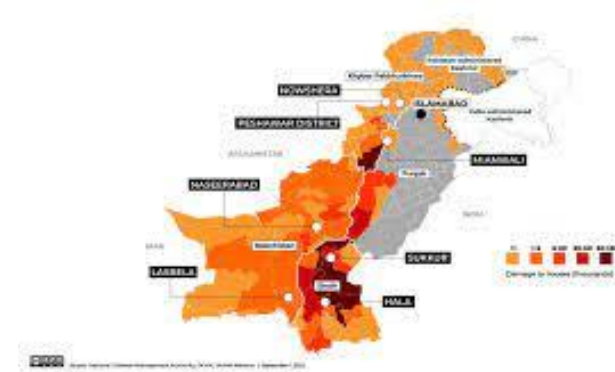
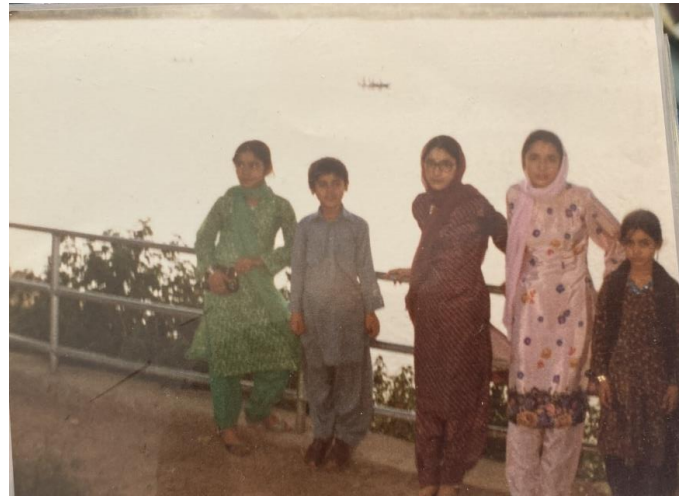
My story

National and
International
context

Work with
trainee
teachers

Resources

My Background



Context

UKSCN / Oxfam teachers survey

75% of teachers feel they **haven't received adequate training** to educate students about climate change;

69% of teachers think there **should be more teaching about climate change** in UK schools

Context

Sustainability Skills Survey - 2021-22 by SOS

Approximately 80% universities and colleges should be obliged to develop students' social and environmental skills as part of the courses they offer

Around 80% of students want to learn sustainability skills through placements.

Anxiety and concern about the environment was the main reason students indicated for learning sustainability skills

Statistics framing the climate education debate



Survey- 2021

**557,077- 4-17
year olds**

A better world-

**39% of children
said healthy
environment
and planet**

UCL Survey with parents-2022





United Nations
Educational, Scientific and
Cultural Organization

THE *world* IN 2030

Public Survey Report

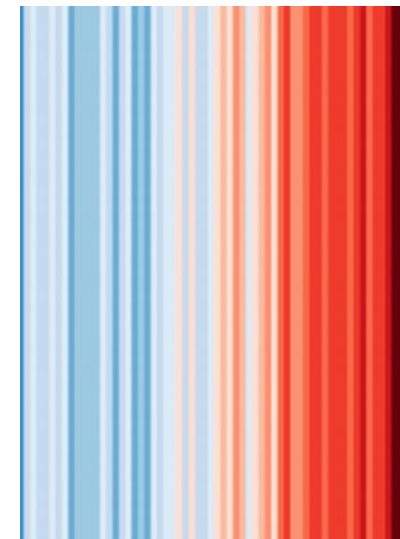
We asked people around the world about our greatest challenges and hopes for the future.

This is what 15,000 of them told us.

15,000 people worldwide contributed to the survey, which was held online between **May and September 2020**,

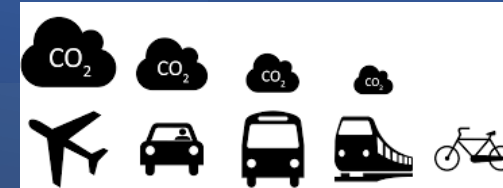
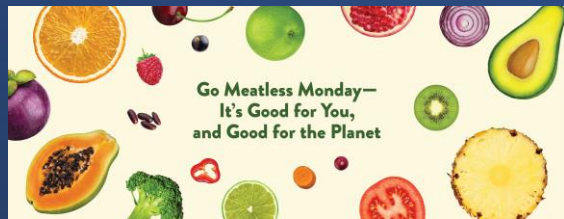
Respondents were mainly **young people**, with **57** per cent under age **35**, and **35** per cent under **25**

Climate change and loss of biodiversity is seen as the most **pressing challenge** over the decade



MY RESEARCH WITH PRIMARY PUPILS

Using images to gain insight



Where are we currently? (DFE, 2022)

Policy paper

Sustainability and climate change: a strategy for the education and children's services systems

Published 21 April 2022

Approach:

A whole system approach

Vision:

the United Kingdom is the world-leading education sector in sustainability and climate change by 2030.

What are the initiatives?

**National Education
Nature Parks**

Climate Leaders Award

Sustainability Leadership

Initiatives to drive the strategy:

increasing opportunities for climate education and access to nature

driving opportunities to increase biodiversity and climate resilience

co-ordinating and leading a whole-setting approach to climate change and sustainability

Majid, Reed Johnson,
Marston, & Happle, 2022

Drawn from the work of
Thew et al., 2021



INSTITUTE OF EDUCATION

CLIMATE EDUCATION AND SUSTAINABILITY ITE FRAMEWORK

Developed by:
Dr Nasreen Majid

Dr Jo Anna Reed Johnson

Sarah Marston

Andrew Happle

Teacher Positionality Adapted from Majid et al. (2022)

Personally

**What is your
positionality?**

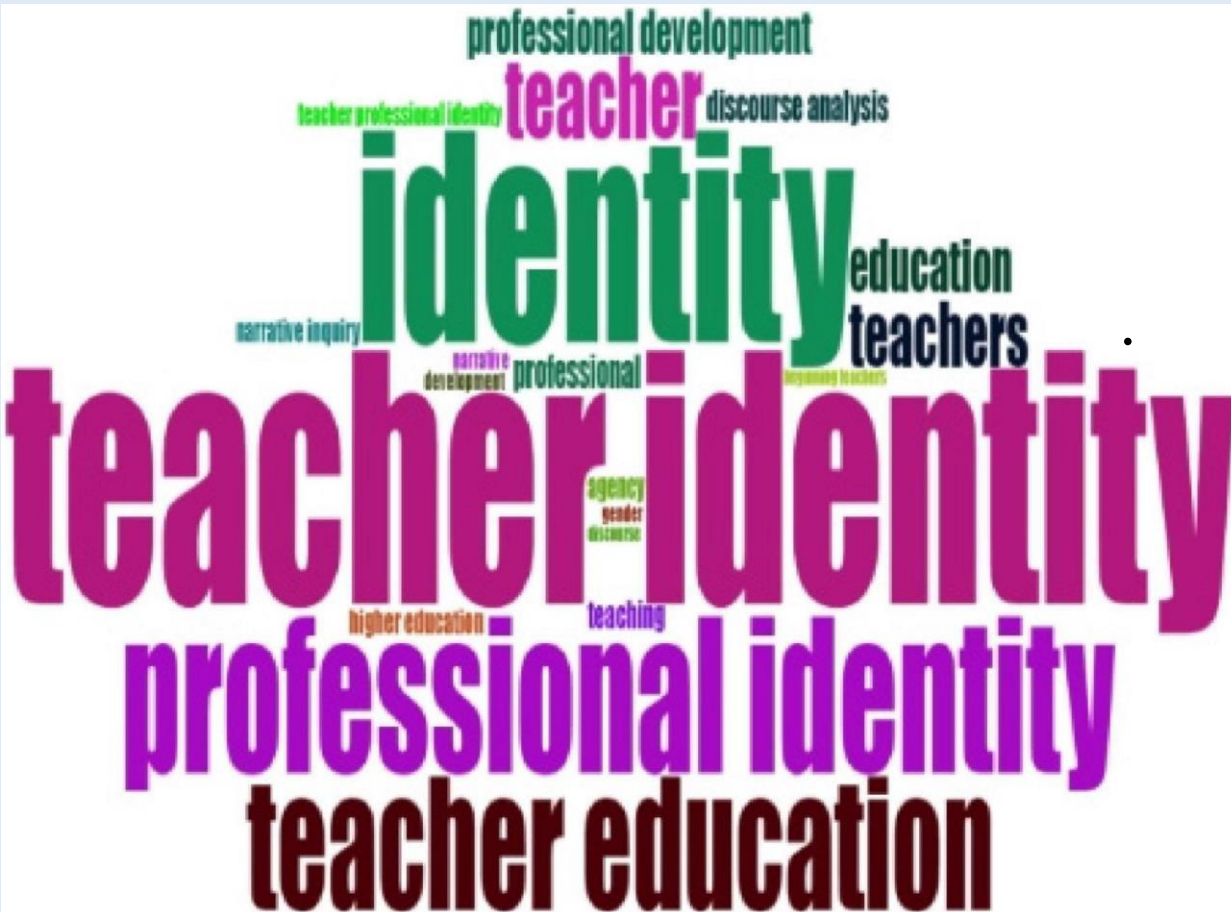


Professionally

Global citizen

Our identities- the role it plays in our positionality

(Gandolfi & Mills, 2022; Illeris, 2014)





What can you see?



Climate Justice

Adapted from Majid et al. (2022)



Climate Justice

Click to add text

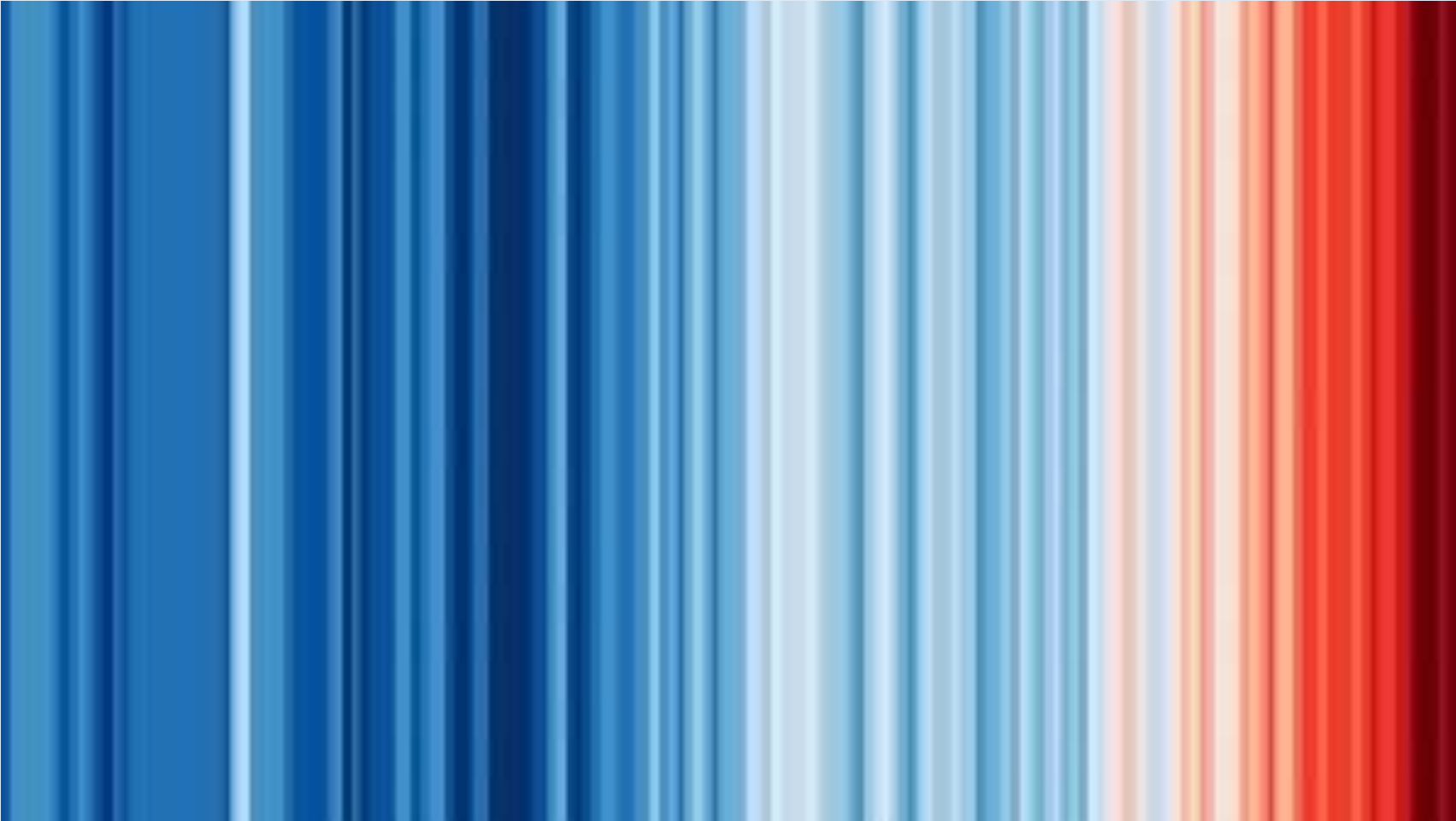


Climate Justice



Your **action** starts now! Reimagining our future, together. Adapted from Majid et al. (2022)

Ideas to build climate and sustainability in your schools



Witness Statement



Climate Ambassadors

Climate Ambassador Scheme

CLIMATE AMBASSADORS

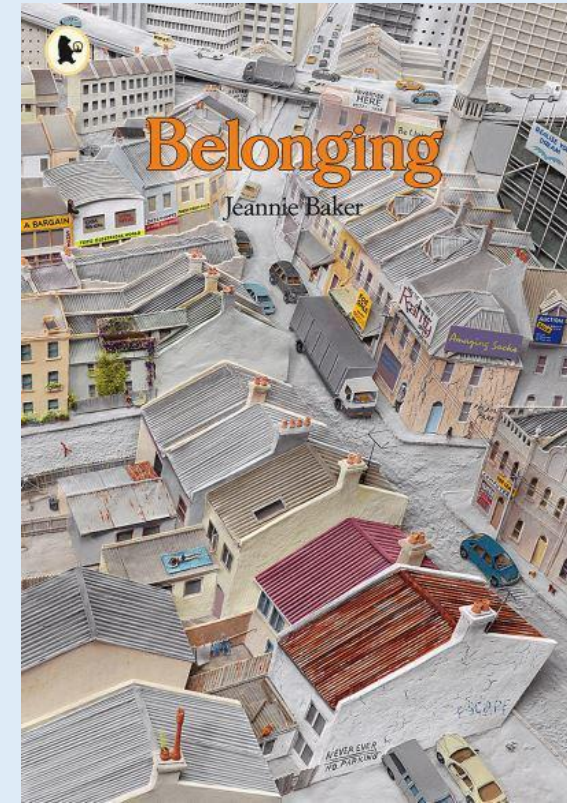
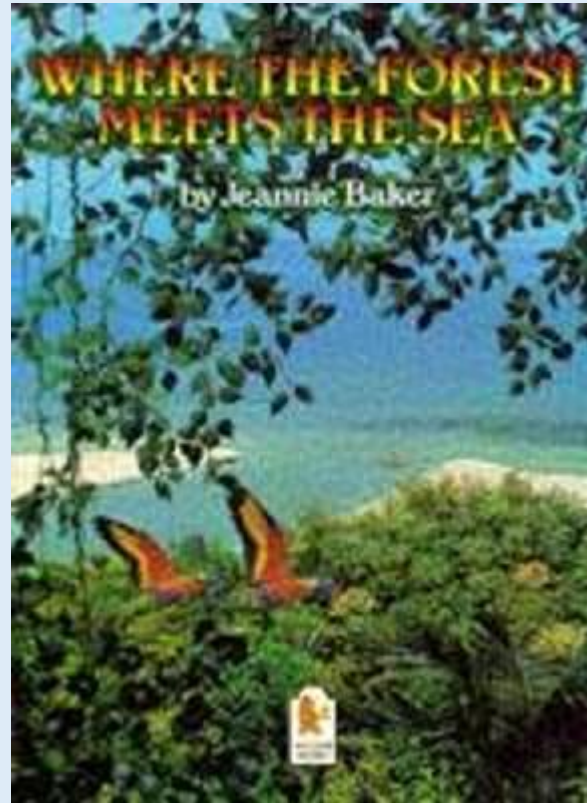
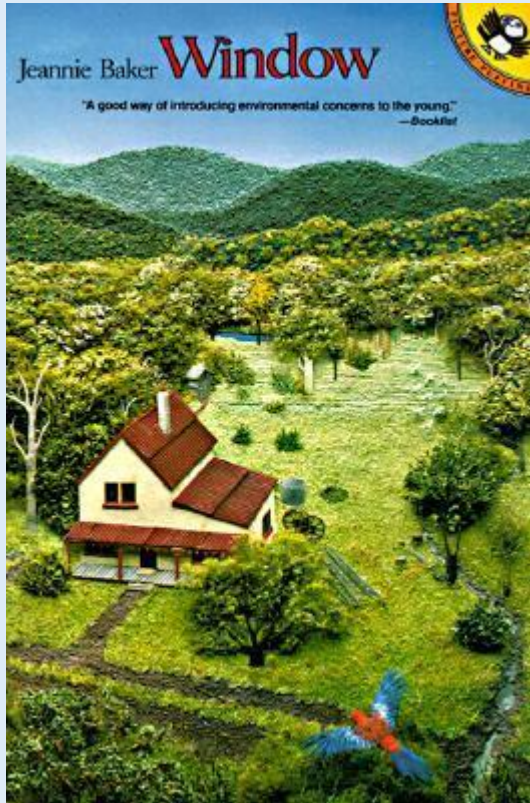
In association with STEM Learning

The University of Reading, in collaboration with **STEM Learning**, is leading a new scheme to support schools and colleges in the UK to develop knowledge and skills so that everyone involved – including young people – is equipped to tackle the future in a changing climate.

The Climate Ambassador Scheme connects cross-disciplinary climate and sustainability experts with primary and secondary schools and Further Education colleges. Climate ambassadors from universities and research centres around the UK provide free support and guidance to teachers, school and college leaders, and everyone involved in the education system.

The Scheme has been developed in response to Action 8 in the **National Climate Education Action Plan**. It has been adopted as a core part of the UK government **Department for Education's Sustainability and Climate Change Strategy**, published in April 2022, with a vision to make the UK's education sector world-leading on this issue by 2030.

Books to start a conversation



While we wait

people in

power to act...



THE
CHILDREN
OF THE
ANTHROPOCENE

young people

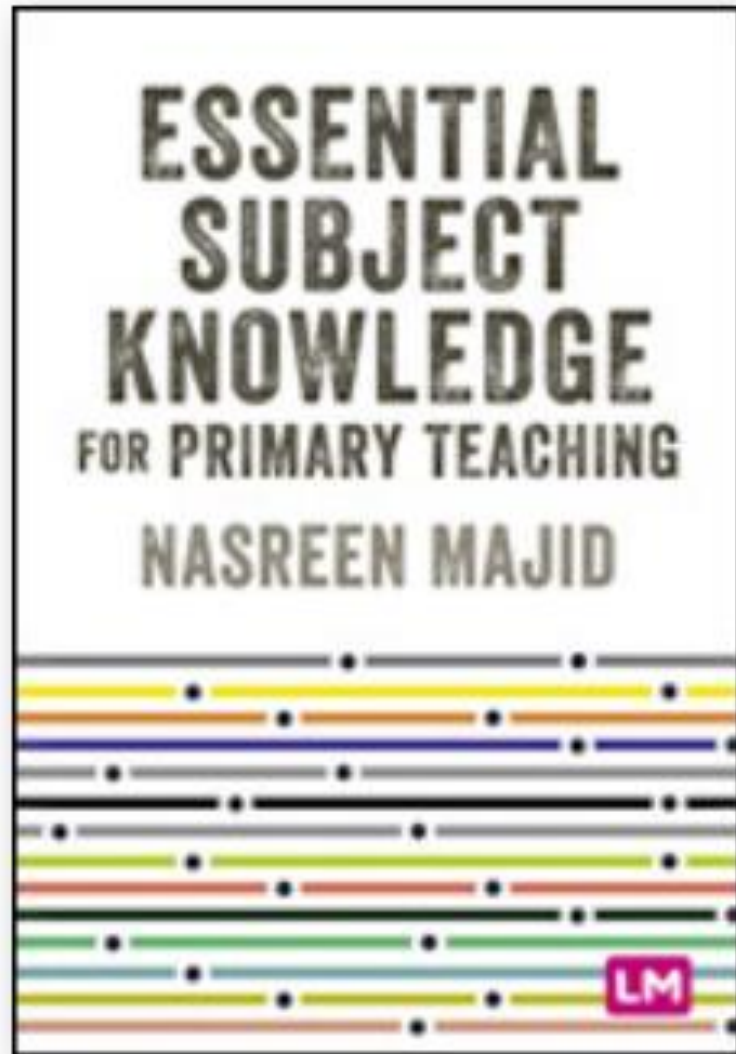
are spe

and taking ac

Books to start a conversation

Books to start a conversation





Many site with detailed resources

[UCL Home](#) » [IOE - Faculty of Education and Society](#) » [Departments and centres](#) » [Centres](#) »

[Centre for Climate Change and Sustainability Education](#)

Centre for Climate Change
and Sustainability
Education

[Events](#)

[News](#)

UCL Centre for Climate Change and Sustainability Education

Leading research into climate change and sustainability education which shapes the development of outstanding, free professional development for all teachers and school leaders.

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Sustainability Education

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IOE, UCL's Faculty of Education and
Society

University College London

Director: Professor [Nicola Walshe](#) [Cookie settings](#)



Connecting with Nature





How will you shape your
positionality as future educators
to build a more sustainable
world?

References

- DFE. (2022). Sustainability and climate change strategy. London: Crown Publication Retrieved from <https://www.gov.uk/government/publications/sustainability-and-climate-change-strategy/sustainability-and-climate-change-a-strategy-for-the-education-and-childrens-services-systems>
- Gandolfi, H. E., & Mills, M. (2022). Teachers for social justice: exploring the lives and work of teachers committed to social justice in education. *Oxford Review of Education*, 1-19. doi:10.1080/03054985.2022.2105314
- Illeris, K. (2014). *Transformative Learning and Identity* Oxford: Routledge.
- Karaarslan Semiz, G., & Teksöz, G. (2020). Developing the systems thinking skills of pre-service science teachers through an outdoor ESD course. *Journal of Adventure Education and Outdoor Learning*, 20(4), 337-356. doi:10.1080/14729679.2019.1686038

References

- Kranz, J., Schwichow, M., Breitenmoser, P., & Niebert, K. (2022). The (Un)political Perspective on Climate Change in Education—A Systematic Review. *Sustainability*, 14(7), 4194. Retrieved from <https://www.mdpi.com/2071-1050/14/7/4194>
- Majid, N. (2023). Sustainability and Climate Change Education. In N. Majid (Ed.), *Essential Subject Knowledge* (pp. 313-328). London: Sage.
- Thew, H., Graves, C., Reay, D., Smith, S., Petersen, K., Bomberg, E., Worsfold, N. T. (2021). Mainstreaming climate education in Higher Education Institutions. COP26 Universities Network Working Paper. Paper presented at the COP26, Glasgow.

References

- UN;. (2015). United Nation Sustainable Development Goals. United Nations Sustainable Development Goals Retrieved from <https://sdgs.un.org/goals>
- Walshe, N., Moula, Z., & Lee, E. (2022). Eco-Capabilities as a Pathway to Wellbeing and Sustainability. Sustainability, 14(6), 3582. Retrieved from <https://www.mdpi.com/2071-1050/14/6/3582>
- Wilkens, J., & Datchoua-Tirvaudey, A. R. C. (2022). Researching climate justice: a decolonial approach to global climate governance. Internati