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# Early Childhood Education for Sustainability: ethical approaches to working in partnership

Huggins, Valerie

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# What is Sustainable Development?



Image sourced from:  
<http://www.utblick.org/2013/03/07/radio-global-voices-sustainable-development-right-here-right-now>

- Development which meets the needs of the present without compromising the ability of future generations to meet their own needs”  
– (WCED 1987)

# Changes and challenges

## Global

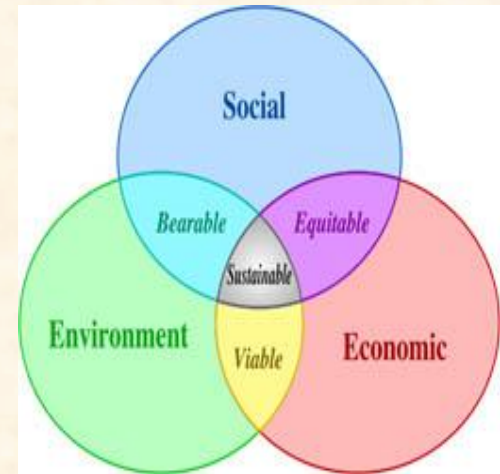
- Globalisation - flow of ideas
- Climate change
- Political unrest and conflict
- Movement of peoples
- Technological change
- National lifestyle aspirations

## Local

- Consumerism
- Over-consumption
- Widening wealth disparity
- Diverse communities
- Less contact with natural world

# What is Education for Sustainable Development?

- Three pillars:
  - Environmental Sustainability
  - Social and Cultural Sustainability (Global Social Justice)
  - Economic Sustainability
    - <http://www.327matters.org/Docs/ESD%20Book%20Master.pdf>
- Empowers learners to: “Take informed decisions and responsible actions for **environmental integrity**, **economic viability** and a **just society**, for present and future generations, while respecting **cultural diversity**”.
  - UNESCO, 2014:12



# Why now in 2015?

Transition from Millennium  
Development Goals (MDGs)  
to the Sustainable  
Development Goals [SDG](#)

[The World We Want](#)



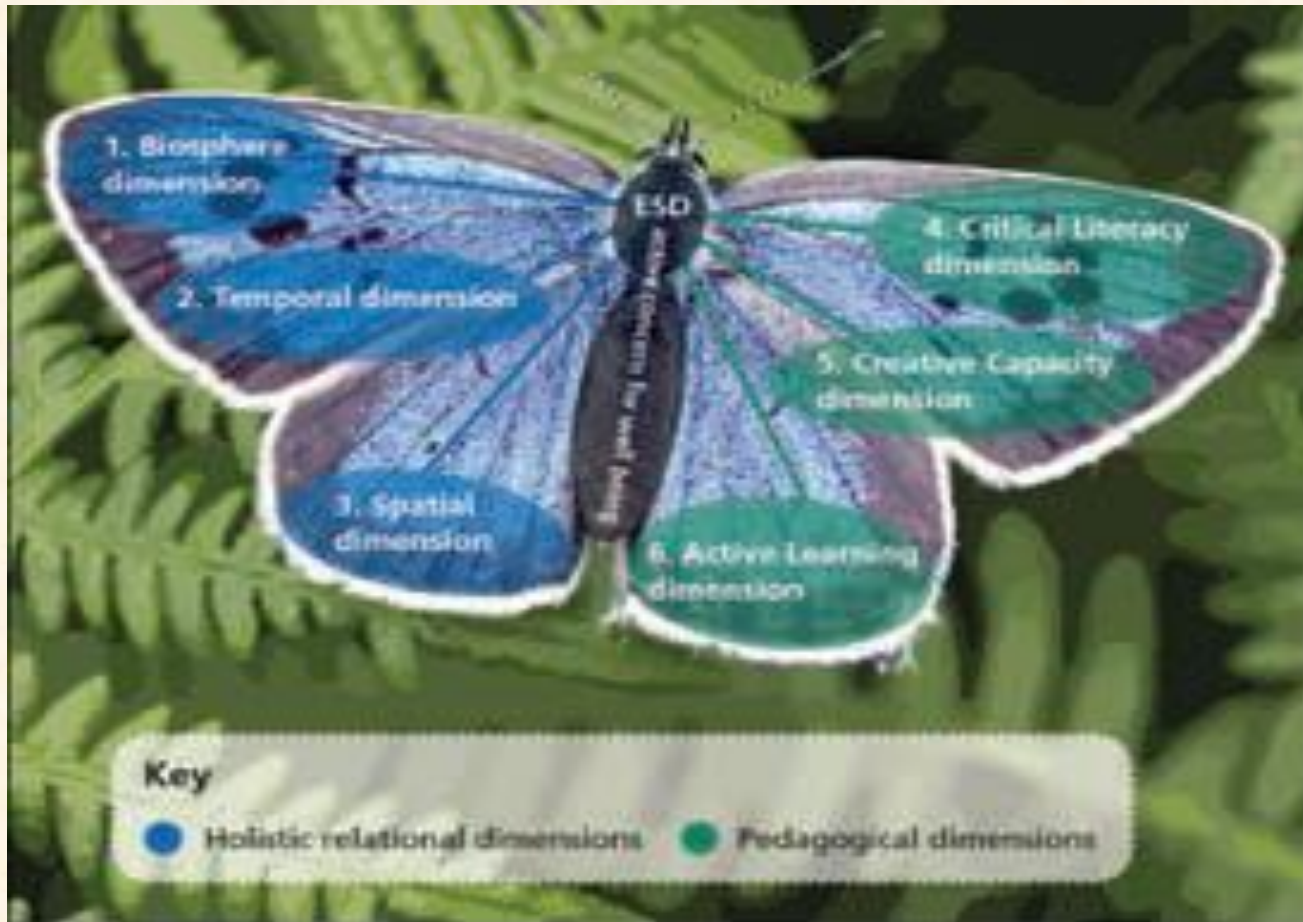
**“There is now a growing international recognition of ESD as an integral element of quality education and a key enabler for sustainable development.”**



# Pedagogy of Hope? Of Love?



# The ESD Butterfly Model



Petersen & Warwick 2015:133; Warwick & Warwick 2015: 6)



# Environmental sustainability



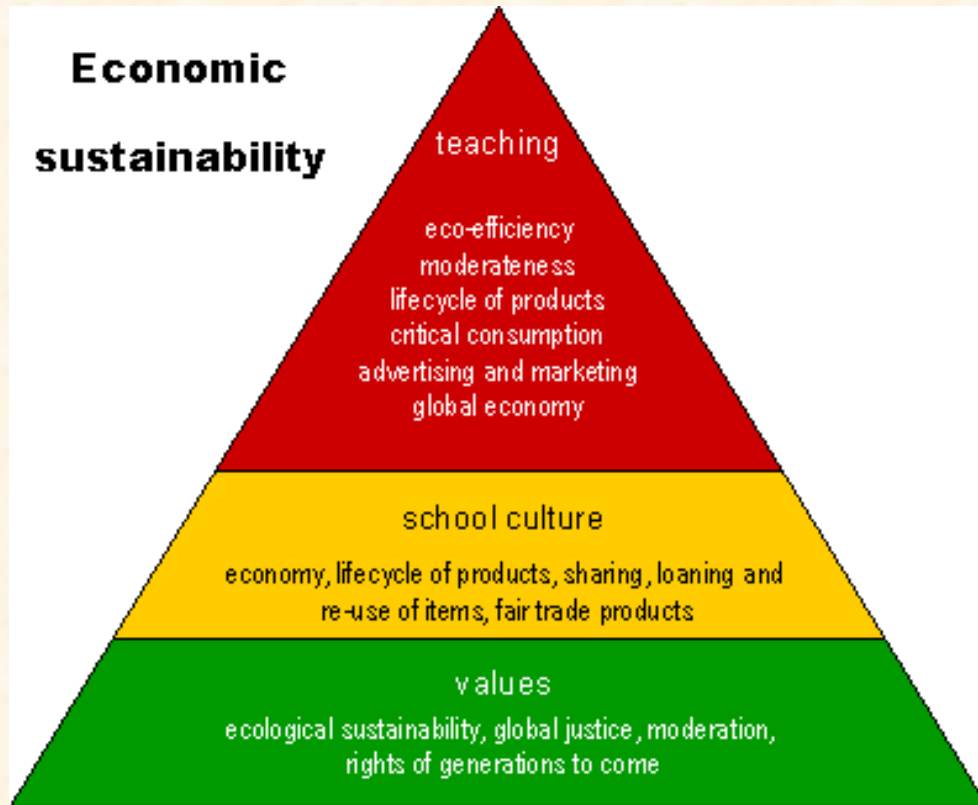
# Social and Cultural Sustainability



- From multiculturalism to interculturalism
  - <http://tedcandle.co.uk/publications/about-interculturalism/>
- Promoting and developing intercultural capabilities
- Making international links

Image obtained from <https://www.cantonpl.org/tags/multicultural-badge>

# Economic sustainability





# Transformative Project Approach

## Thinking Actively in a Social Context

- Critical thinking
- Problem solving
- Systemic thinking
  - Ji, O. & Stuhmcke, S. (2014)



# UNESCO and 'Project Everyone'

[World's Largest Lesson](#)

[The Worlds Largest Lesson Introduced by Malala Yousafzai](#)

[tes.com/worldslargestlesson/lesson-plans/](https://www.tes.com/worldslargestlesson/lesson-plans/)



- Thank you for listening.
- Any questions?



Contact me on [valerie.huggins@plymouth.ac.uk](mailto:valerie.huggins@plymouth.ac.uk)

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# References and further reading

[Barnett, W. and Nores M \(2012\) Investing in Early Childhood Education: A Global Perspective, National Institute for Early Education Research](#)

Bokova, I (2012). Cited in UNESCO (2014). *Shaping the Future we Want: UN Decade of Education for Sustainable Development (2005-2014) FINAL REPORT*. Paris: United Nations Educational, Scientific and Cultural Organization.

Britto, P.R., Engle, P.E., Super, C.S. (Eds). (2013) *Handbook of Early Childhood Development Research and its Impact on Global Policy*, New York: Oxford University Press;  
<http://www.oxfordscholarship.com/view/10.1093/acprof:oso/9780199922994.001.0001/acprof-9780199922994>

See also [http://cpc.crawford.anu.edu.au/pdf/2013/events/8771/Early\\_Childhood\\_Development - An investment in equality.pdf](http://cpc.crawford.anu.edu.au/pdf/2013/events/8771/Early_Childhood_Development_-_An_investment_in_equality.pdf)

The Consultative Group on Early Childhood Care and Development (CGECCD) (2013) *A Transformative Solution: Reducing Poverty and Inequality through a Post-2015 Early Childhood Development Goal*, CGECCD <http://www.beyond2015.org/sites/default/files/Transformative%20Solution%20-%20ECD%20Post-2015.pdf>

Cantle, T. (2012). *Interculturalism: The new era of cohesion and diversity*, Basingstoke: Palgrave Macmillan

Davis, J. (2015). *Young Children and the Environment: Early Education for Sustainability*. Cambridge University Press: Port Melbourne, Australia.

Davis, J., and Elliott, S. (2014). *Research in Early Childhood Education for Sustainability*. Abingdon: Routledge.

Heckman, J. (2011) *The Economics of Inequality: The Value of Early Childhood Education*, AMERICAN EDUCATOR <http://www.aft.org/pdfs/americaneducator/spring2011/Heckman.pdf>

# References and further reading

- Huggins, V. & Siraj-Blatchford, J. (2015) 'Education for sustainable development through international partnerships'. *Early Education Journal*, Summer 2015 (76).
- Ji, O., and Stuhmcke, S. (2014). "The Project Approach in early childhood education for sustainability", in J. Davis and S. Elliott, (eds.), *Research in Early Childhood Education for Sustainability London: Routledge*.
- Pramling Samuelsson I, and Kaga, Y. (Eds) (2008) Education The contribution of early childhood education to sustainable development, UNESCO <http://unesdoc.unesco.org/images/0015/001593/159355e.pdf>
- Siraj-Blatchford, J. and Björneloo, I. (Eds.) (2009) 'Education for Sustainable Development: Special Edition', *International Journal of Early Childhood*, Vol. 41, No. 2, 2009. Available online at: [http://www.gu.se/digitalAssets/1320/1320257\\_ijec-vol-41-no-2.pdf](http://www.gu.se/digitalAssets/1320/1320257_ijec-vol-41-no-2.pdf)
- Siraj-Blatchford, J. & Huggins, V. (2015) 'Sustainable development in early childhood care and education (SDECCE)'. *Early Education Journal*, Summer 2015 (76).
- UNESCO (2014) 'Roadmap for Implementing the Global Action Programme on Education for Sustainable Development. Paris: UNESCO. Available online at: <http://unesdoc.unesco.org/images/0023/002305/230514e.pdf>
- Wallace, B., Bernardelli, A., Molyneux, C., and Farrell, C. (2012). "TASC: Thinking Actively in a Social Context. A universal problem-solving process: A powerful tool to promote differentiated learning experiences." *Gifted Education International*, 28(1), 58-83.
- Warwick, A. & Warwick, P. (2015) 'Towards a Pedagogy of Love: sustainability education in the early years'. *Early Education Journal*, Summer 2015 (76).
- World Commission on Environment and Development (WCED) (1987). *Our Common Future: the Report of the Brundtland Commission*. Oxford: Oxford University Press.