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UNESCO Initiative on Climate Change - Education -

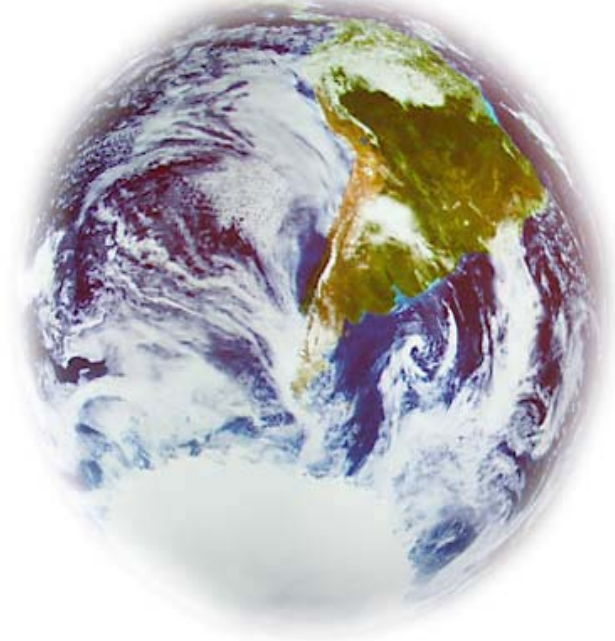




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The UNESCO Climate Change Initiative

- Climate Science and Knowledge
- **Climate Change Education (CCE) for Sustainable Development**
- Climate Change, Culture and Biological Diversity and Cultural Heritage
- Climate Change, Ethics, Social and Human Sciences Dimensions



Implementation focus:

- ***Interdisciplinarity***
- ***Country driven***
- ***Gender equality***
- ***Africa***
- ***SIDS***



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Mandate for Climate Change Education (CCE)

- **Article 6 of the UNFCCC** addresses education, training and public awareness and access to information in relation to climate change whereby UNESCO should assist countries to implement activities in the area of education.
- **The Bonn Declaration**, requests UNESCO to “intensify efforts and initiatives to put climate change education higher on the international agenda, in the framework of the DESD, in the context of UNESCO’s strategy for action on climate change, and as a component of UN-wide action.”
- As task manager of **Chapter 36 of Agenda 21** UNESCO regards education for sustainable development (ESD) as the best framework for addressing climate change through education.
- **The UNESCO International Seminar on Climate Change Education (2009)** requested UNESCO to “accelerate the mainstreaming of ESD and with it CCE in all its components, in all sectors and levels of education, public awareness and training worldwide “



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UNESCO Initiative on CCE: Its Aim



The initiative should, within the framework of Education for sustainable development, help young people understand and address the impact of global warming today, while also encouraging the changes in attitudes and behaviour needed to put our world on a more sustainable development path. CCE for sustainable development should further help children and young people to adapt to the changes that climate change will bring.



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UNESCO Initiative on CCE: Its High-level Objectives



- Strengthen the **capacity of Member States** to provide quality climate change education for sustainable development at primary and secondary school level.
- Encourage and enhance **innovative teaching approaches** to integrate quality climate change education for sustainable development in school.
- Raise awareness about climate change and enhance **non-formal education programmes** through media, networking and partnerships



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UNESCO Initiative on CCE: Its Areas of Actions



- ✓ **education policy, analysis, research and planning**
- ✓ **capacity development**
 - **for curriculum review and renewal**
 - **for teachers and other educational personnel**
- ✓ **interdisciplinary practices**
- ✓ **science education**
- ✓ **through a whole school approach**
- ✓ **using existing networks such as UNESCO World Heritage Sites and Biosphere Reserves and Associated schools etc. as learning laboratories**



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Challenges of CCE

- We are running out of time !!
- Increased climate skeptics
- Green fatigue: Students oversaturated with climate change information
- “Doom and gloom lecturing” conveys bad news and results in resignation
- Disciplinary issue: learning about CC in a particular discipline result in a “tunnel vision”
- Pedagogy need to be adapted: problem based approaches
- Adapted to socio-cultural contexts: value local and traditional knowledge

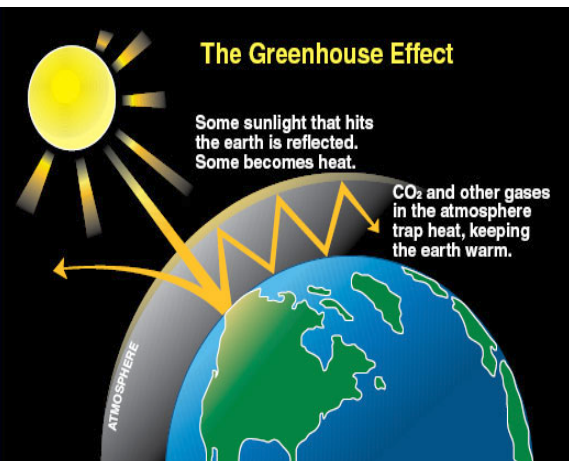




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What to teach?

Teaching the science of climate change is one important aspect of climate change education Many excellent materials and tools have been developed already ...more attention needs to be give to **social aspects, ethics and development of skills that prepare for change.**





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Sandwatch



Sandwatch seeks to change the lifestyle and habits of children, youth and adults on a community wide basis, to adapt to climate change by building ecosystem resilience, and to develop awareness of the fragile nature of the marine and coastal environment and the need to use it wisely.

www.sandwatch.org

Ghana, Kenya, the Gambia and Tanzania

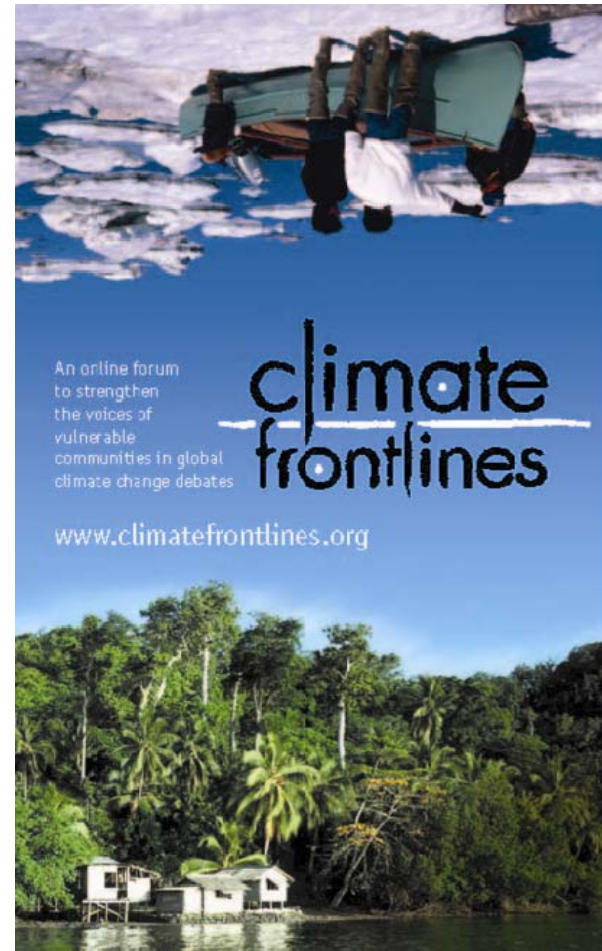


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Climate frontlines

An Internet forum “**On the Frontlines of Climate Change**” reaches more than 50,000 people worldwide and connects islanders from the Atlantic, Caribbean, Indian and Pacific sub regions. It solicits inputs from small island and indigenous communities concerning local level observations of climate change impacts, and their efforts to cope and adapt

<http://www.climatefrontlines.org/>





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Thank you!

**For more information please contact
UNESCO**

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