



ACET–Global Sanitation & Sustainability Project



Sanitation & Sustainability Resources

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ACET–Global has compiled a number of freely accessible resources to assist those looking to learn more about sanitation and sustainable, environmentally-responsible practices.

The resources here have been selected to be globally relevant and are applicable to sanitation and sustainability worldwide.

We hope you find this information relevant and helpful.

www.acet-global.com

Information is up-to-date and current as at July 2015.

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Global Resources

Online Carbon Footprint Calculator

www.carbonfootprint.com/calculator.aspx

- ✓ This comprehensive, free, online personal carbon footprint calculator is provided by UK-based Carbon Footprint Ltd, which offers environmental and carbon management for businesses.
- ✓ The calculator is easy to use, offers a range of options, and is available in many different languages.
- ✓ Select the country in which you live to better calculate your carbon footprint and compare it to others' carbon footprints.
- ✓ Calculate your carbon footprint for the previous 12 months, or for a different period.
- ✓ Select individual tabs to calculate your footprint for different parts of your lifestyle (e.g. house, car, etc.), or work through each of the tabs to calculate your full carbon footprint.
- ✓ Following your calculation, you have the option to offset/neutralise your emissions.
- ✓ A free business carbon calculator, designed for micro and small businesses, is also available. See: www.carbonfootprint.com/calculator1.html

Climate Action Network International (CAN)

www.climatenetwork.org

- ✓ CAN is a worldwide network of over 950 Non-Governmental Organisations (NGOs) in more than 110 countries, with a vision of protecting the atmosphere while allowing for sustainable and equitable development worldwide.
- ✓ CAN promotes government and individual action to limit human-induced climate change to ecologically sustainable levels.
- ✓ With regional network hubs coordinating global efforts, CAN members work to exchange information and develop strategies on international, regional, and national climate issues.
- ✓ The site includes a range of information on climate change, including publications on relevant topics, and a useful collation of free external introductory resources to help support others to learn, create awareness and build capacity both individually, and within their organisations.
- ✓ The site also details CAN's campaigns ("People Power and the Sustainable Development Agenda", and "Implementing Low Carbon Development"), leadership development program, newsletter and blog, and provides links to national and regional CAN networks.

Green Pages Directory for Environmental Technology

www.eco-web.com

- ✓ The Green Pages Directory for Environmental Technology is an online information resource that lists international businesses and organisations that supply products and services that can assist with environmental issues (e.g. water treatment, air pollution, waste recycling, renewable energy, etc).
- ✓ The site connects consumers with 7,000 suppliers from around 150 countries, presenting a forum to explore clean and sustainable technologies, to share knowledge and experience, and to exchange optimal environmental practices.
- ✓ It offers consumers choices and alternatives, allowing people to make a positive impact through their purchasing. The directory is divided into main categories with sub-classifications, and can also be searched by country, product, service, and keyword. All listings include full contact details.
- ✓ The site helps companies compete in markets that were previously beyond their reach, especially in the case of small enterprises from developing countries, which are able to gain exposure to a global audience.
- ✓ There is also an “Events” section, which details upcoming environmental activities and events around the world, and can be searched by date, location and/or category (eg. conferences, meetings, courses, etc).
- ✓ The “Editorial” section contains 200+ papers outlining practical and cost-effective approaches to environmental challenges, written by scientists, people in business and industry, and consumers with special expertise.

Friends of the Earth (FoE) International

www.foei.org

- ✓ FoE International is the world’s largest grassroots environmental network, uniting 75 national member groups and some 5,000 local activist groups on every continent. FoE works to ensure environmental and social justice, human dignity, and respect for human rights and peoples’ rights, in order to secure sustainable societies.
- ✓ The organisation’s vision is of “... a peaceful and sustainable world based on societies living in harmony with nature... a society of interdependent people living in dignity, wholeness and fulfilment in which equity and human and peoples’ rights are realised.”
- ✓ Throughout FoE’s site and activities, there is a focus on halting environmental degradation and depletion of natural resources, securing sustainable livelihoods, and bringing about transformation towards sustainability and equity between and within societies. FoE works

to achieve this by raising awareness, mobilising people, and building alliances with diverse movements, therefore linking grassroots, national and global struggles.

- ✓ Campaigns run by FoE focus on today's most urgent environmental and social issues, promoting solutions to help create environmentally sustainable and socially just societies.
- ✓ The site includes a clearly organised "Take Action" section, and an extensive resources section. Resource publications are searchable by subject (e.g. forests and biodiversity, food sovereignty, and climate justice and energy), or year.
- ✓ There are also links to FoE member groups by country, a newsletter, blogs, and media resources.

Global Footprint Network (GFN)

www.footprintnetwork.org

- ✓ GFN is an international think tank that provides ecological footprint accounting tools to drive informed policy decisions in a resource-constrained world. GFN works with local and national governments, investors, and opinion leaders to ensure all people live well, within the means of one planet.
- ✓ The organisation aims to enable a sustainable future where all people have the opportunity to live satisfying lives within the means of Earth.
- ✓ The site clearly explains the global ecological overshoot concept and offers a comprehensive, easy-to-follow section titled "Footprint Basics". This explains ecological footprints, which tell us how close we are to the goal of sustainable living.
- ✓ There is a "How to Help" section, along with numerous resources, providing details on the science behind ecological footprints, and information on footprints for nations, cities, businesses, and individuals.
- ✓ The personal ecological footprint calculator covers a number of countries, and allows you to discover the amount of land it takes to support your lifestyle, your biggest areas of resource consumption, and actions you can take to tread more lightly on the earth. See: www.footprintnetwork.org/en/index.php/GFN/page/calculators/

Gaia Education

www.gaiaeducation.net

- ✓ Gaia Education promotes a holistic approach to education for sustainable development. It develops curricula for sustainable community design and works in partnership with urban and rural communities, universities, ecovillages, government and non-government agencies and the United Nations.

- ✓ Gaia Education was created by a group of educators with a transdisciplinary approach to sustainability education. It aims to make knowledge and skills about designing and creating sustainable communities easily accessible.
- ✓ Gaia Education has successfully supported the delivery of more than 180 programs since 2006, on six continents. These vocational courses are open to people of diverse professional and academic backgrounds who wish to take an active role in the sustainability transition.
- ✓ Programs launched include an innovative curriculum for *Ecovillage Design Education*, the *Design for Sustainability* virtual program (in partnership with UOC – the Open University of Catalonia, based in Spain), the post-graduate program *Design for Sustainability* (with UOC), and the Masters program in *Integrated Systems Design for Sustainability* (with UOC).
- ✓ The site includes information on Gaia Education’s programs, divided into Ecovillage Design Education, Sustainability Online, and Project Based Learning. There are also free webinars, films, and case studies, all with useful information on living more sustainably.
- ✓ Other free resources include many useful articles and the full text of *The Ecovillage Design Curriculum* (available in various languages). This document has a wide range of practical applications and is full of innovative materials, ideas and tools, all developed and tested in ecovillage communities and urban transition settings worldwide.
- ✓ Publications, including *Designing Ecological Habitats - Creating a Sense of Place* (described as “... an anthology of solutions, of experience, tried and tested, from experts... practical low carbon solutions which provide significant improvements in the quality of life...”), *The Teacher’s Guide: Design for Sustainability*, and the *Gaia Youth Activities Guide*, are available for a reasonable price.

Greenpeace International

www.greenpeace.org/international/en

- ✓ Greenpeace is an independent global campaigning organisation that acts to change attitudes and behaviour, to protect and conserve the environment and to promote peace by:
- ✓ Catalysing an energy revolution to address the number one threat facing our planet: climate change.
- ✓ Defending our oceans by challenging wasteful and destructive fishing, and creating a global network of marine reserves.
- ✓ Protecting the world’s ancient forests and the animals, plants and people that depend on them.
- ✓ Working for disarmament and peace by tackling the causes of conflict and calling for the elimination of all nuclear weapons. Creating a toxic-free future with safer alternatives to hazardous chemicals in today’s products and manufacturing.

- ✓ Campaigning for sustainable agriculture by rejecting genetically engineered organisms, protecting biodiversity and encouraging socially responsible farming.
- ✓ Greenpeace is present in more than 55 countries across Europe, the Americas, Asia, Africa and the Pacific. The organisation promotes open, informed debate about society's environmental choices. Research, lobbying, and quiet diplomacy are used to pursue Greenpeace's goals, along with high-profile, non-violent conflict to raise the level and quality of public debate.
- ✓ The site offers a number of publications, current news, ways to get involved, multimedia (including videos, podcasts, photo essays, and ship webcams), and a press centre.

I Am One in a Billion (IOB)

www.iamoneinabillion.org

- ✓ I Am One in a Billion aims to mobilise global citizens from all sectors of society to become spokespeople for climate change mitigation. The organisation works towards this by helping people become part of a wider and more inclusive global conversation about climate change. In particular, it aims to improve the quality of conversation occurring between governments and other sectors of society.
- ✓ Most leaders today are moving too slowly on climate change issues because they do not see the majority of their people and their voters actively expressing concern.
- ✓ IOB members are assisted to communicate with their governments and to improve clear, non-confrontational public discourse on climate change. This will demonstrate to governments how climate change is an urgent problem and encourage greater government action. It will also help address the concerns, needs, doubts, and questions of those who do not identify with climate activism.
- ✓ Signing up as a member is free and gives you access to resources and directions, so you can send an effective message to the political leaders of your country and make sure they know you care about climate change.
- ✓ You can also participate further by connecting with others in the member forum, leading an event about climate change in your community, or displaying the IOB campaign logo on a piece of clothing or an accessory.

International Institute for Sustainable Development (IISD)

www.iisd.org

- ✓ The mission of the IISD is to promote human development and environmental sustainability through innovative research, communication and partnerships. The IISD has offices in Canada, Switzerland and the United States, and operates in over 70 countries around the world. There is a strong Canadian focus in some sections of the site, but much of the information is relevant globally.

- ✓ The IISD’s site details its strategic goals and program structure, which focus on providing integrated, multi-disciplinary and holistic real-world solutions to sustainability challenges.
- ✓ The website includes a range of sections, such as media and news releases, events, partnerships and initiatives, sustainable development, and a Learning Centre. It also hosts 20+ (free) mailing lists on diverse sustainability topics.
- ✓ The Learning Centre offers a range of online learning and face-to-face programs for a variety of audiences. It serves as the access point to the growing number of learning opportunities that IISD and its partners provide for target groups. While many of the workshops and courses have limited places available, whenever possible, access to the learning materials is opened to any others who may wish to benefit. A selection of free self-guided courses is also available online.
- ✓ The library features a comprehensive collection of resources and videos relevant to sustainable development, including reviews, reports, policy information, policy briefs, case studies, interviews, toolkits, and handbooks.

Oxfam International

www.oxfam.org

- ✓ Oxfam is an international humanitarian organisation, with the vision of a just world without poverty – a world where people are valued and treated equally, enjoy their rights as full citizens, and can influence decisions affecting their lives.
- ✓ The organisation aims to help create solutions to poverty, using a combination of rights-based sustainable development programs, public education, campaigns, advocacy, and humanitarian assistance in disasters and conflicts.
- ✓ To meet the challenges of today, which include climate change, famines and food price crises, increasing humanitarian crises, energy limitations, proliferation of weapons, urbanisation, and natural resources shortages, Oxfam promotes global co-operation and cohesion.
- ✓ As many causes of poverty are linked, Oxfam uses various tactics to fight poverty and inequality. These are focussed around working with community partners to find practical, innovative ways for people to lift themselves out of poverty and thrive.
- ✓ The site offers many resources, including extensive information about Oxfam’s work globally, blogs, news, and links to national Oxfam branches.
- ✓ Different media resources on the site include videos and photo galleries detailing Oxfam’s work, from emergency response to longer-term development projects, and explanations of research and policy.
- ✓ There is also a section dedicated to ways to take action, along with a policy and research section. The latter contains relevant reports and papers that have been developed by Oxfam to support and assist with their work.

World Wide Fund for Nature (WWF, a.k.a. the World Wildlife Fund)

wwf.panda.org

- ✓ WWF is one of the world’s largest conservation organisations. It is an independent, international organisation, with offices in more than 80 countries around the world.
- ✓ WWF’s mission is to stop the degradation of the planet’s natural environment and to build a future in which humans live in harmony with nature, by: conserving the world’s biodiversity, ensuring that the use of renewable natural resources is sustainable, and promoting the reduction of pollution and wasteful consumption.
- ✓ WWF is working to reduce humanity’s ecological footprint by finding practical solutions for a healthy, stable, planet, where people and nature can thrive together sustainably. This objective is titled “2050 Footprint Goal”, where, by 2050, humanity’s global footprint is within the planet’s capacity to sustain life and our natural resources are shared equitably.
- ✓ The website offers comprehensive information on biodiversity, climate, places, people, problems, footprints, and reducing impact. The “You Can Help” section offers suggestions to take action, live green, and show your support, along with games, mobile apps, and green book recommendations.
- ✓ There are publications, fact sheets, videos, success stories, and news, along with a section specifically for teachers, which offers free, engaging educational resources, lesson plans, project ideas, topics for discussion, and top 10 lists.
- ✓ The WWF’s One Planet Lifestyle e-book is available for free download. The One Planet Living (OPL) initiatives focus on living sustainably, so that we can happily and healthily coexist with all other species, within the natural limits of our one planet.

Plant for the Planet (PFP)

www.plant-for-the-planet.org

- ✓ Plant-for-the-Planet is a global, children-run movement with an ambitious goal: to fight the climate crisis by planting trees around the world. The slogan of PFP’s global campaign is “Stop talking. Start planting”.
- ✓ Within three years of its creation, the organisation had planted one million trees in Germany, and expanded its work to countries around the world. Over the eight years prior to 2015, the children involved in PFP have planted an incredible 14 billion trees with the help of many adults. The ongoing PFP project is considered to be the greatest afforestation project in the history of humankind.
- ✓ PFP is child-driven, and encourages as many children as possible to fight for their future. PFP academies are held in Germany and around the world. These are events organised by children,

for children, at which they motivate each other to take action against the climate crisis. The children become active Climate Justice Ambassadors and pass on their knowledge, encouraging other children to take on social responsibility and shape their future.

- ✓ The site offers a “Join In” section, providing ways to get involved and access to useful data.
- ✓ Other sections include news, media, aims, vision and structure of the organisation, and downloads with relevant information.
- ✓ Site allows you to sign-up to become a member, partner, or sponsor (individuals, companies, and politicians), donate, or visit the PFP online shop (shop is mainly in German, with prices in Euros).
- ✓ The site is primarily in English, with a slight German focus. However, the target audience is global and people from around the world are involved in PFP.

Global Call for Climate Action (GCCA)

<http://tcktcktck.org>

- ✓ GCCA is a diverse network of more than 450 non-profit organisations, in more than 70 countries, with the shared goal of a world safe from runaway climate change.
- ✓ GCCA works with faith, development, science, environment, youth, labour, and other civil society organisations to mobilise citizens and galvanise public opinion in support of urgent climate action. GCCA’s main strategic priorities are to support its partner organisations, communicate about climate challenges and solutions, build bigger global moments, and help win iconic national campaigns. The organisation works with partner organisations to mobilise people in support of strong, equitable government action.
- ✓ GCCA’s Call to Action is: “Now is our moment, before climate disruption becomes irreversible, to stand up for the safety and wellbeing of people - at home and around the world. The solutions are available and the costs of inaction keep rising every year we delay. We call for: phase-out of fossil fuels and a just transition to clean, renewable energy; protection of our communities and forests, oceans and water resources; leaders to take immediate action to close the gap between current actions and investments and what’s needed to secure our future; and sufficient funding to support the communities suffering most from the impacts of climate change.”
- ✓ The site has sections dedicated to climate news, global issues, impacts, solutions, facts, along with an interactive map of project climate impacts, a searchable list of partner organisations, and links to petitions and actions.
- ✓ There is also a library offering thousands of indexed resources, including articles, organisations, photos, and quick facts. These are searchable by type, topic and region.
- ✓ Joining as a GCCA partner is open to NGOs, institutions (e.g. schools) and government bodies (e.g. cities), and is easy and free. GCCA partner organisations can access media resources, tool kits, open source campaign assets, archive newsletters and more.

TeachUNICEF

www.teachunicef.org/explore/topic/water-and-environment

- ✓ TeachUNICEF provides educators and youth service professionals with global learning resources suitable for early childhood to Year 12. Resources include in-person workshops, school-based programming, free web-based lesson plans, videos, multimedia resources and more. The units, lesson plans, stories, videos and multimedia cover topics ranging from the Millennium Development Goals to poverty and water and sanitation.
- ✓ The “Water and Environment” part of the website offers a variety of activities and learning resources to raise student awareness of the problems facing children with inadequate access to clean water
- ✓ The “Background Information” section features UNICEF projects, the Millenium Development Goals, photoessays, games, reports, youth environment forum, cartoons, and a link to the TeachUNICEF TeacherTube channel.
- ✓ Resources include free lesson plans, activity sheets, videos, podcasts, and text-based publications, and are searchable by topic, year level (from Prep to Year 12), and media type.
- ✓ UNICEF ACT is an online magazine that helps teachers introduce students to current global issues. Each edition highlights a significant present-day emergency or humanitarian need, and explores the issue through informational texts, questions that promote critical thinking, photography, and data analysis exercises involving maps, charts, and graphs.
- ✓ Through the site, teachers and professionals can request a free ‘UNICEF Live! Virtual Visit’ by a TeachUNICEF educator on water, nutrition, or health for their class, organisation, or community.