

Name _____

Date _____

Class _____

Summer Research Paper

Due Date- 1 week after the start of school

This is a list of [environmental issues](#) as they relate to the anthropogenic [effects on the natural environment](#).

- **Climate change** — [Global dimming](#) • [Fossil fuels](#) • [Sea level rise](#) • [Greenhouse gas](#) • [Ocean acidification](#) • [Shutdown of thermohaline circulation](#) • [Environmental impact of the coal industry](#) • [Urban Heat Islands](#)
- **Conservation** — [Species extinction](#) • [Pollinator decline](#) • [Coral bleaching](#) • [Holocene extinction](#) • [Invasive species](#) • [Poaching](#) • [Endangered species](#)
- **Energy** — [Energy conservation](#) • [Renewable energy](#) • [Efficient energy use](#) • [Renewable energy commercialization](#) • [Environmental impact of the coal industry](#) • [Environmental impact of hydraulic fracturing](#)
- **Environmental degradation** — [Eutrophication](#) • [Habitat destruction](#) • [Invasive species](#) • [Soda lake](#)
- **Environmental health** — [Air quality](#) • [Asthma](#) • [Environmental impact of the coal industry](#) • [Electromagnetic fields](#) • [Electromagnetic radiation and health](#) • [Indoor air quality](#) • [Lead poisoning](#) • [Sick Building Syndrome](#) • [Environmental impact of hydraulic fracturing](#)
- **Genetic engineering** — [Genetic pollution](#) • [Genetically modified food controversies](#)
- **Intensive farming** — [Overgrazing](#) • [Irrigation](#) • [Monoculture](#) • [Environmental effects of meat production](#) • [Slash and burn](#) • [Pesticide drift](#) • [Plasticulture](#)
- **Land degradation** — [Land pollution](#) • [Desertification](#)
- **Soil** — [Soil conservation](#) • [Soil erosion](#) • [Soil contamination](#) • [Soil salination](#) • [Alkali soils](#) * [Residual Sodium Carbonate Index](#)
- **Land use** — [Urban sprawl](#) • [Habitat fragmentation](#) • [Habitat destruction](#)
- **Nanotechnology** — [Nanotoxicology](#) • [Nanopollution](#)
- **Nuclear issues** — [Nuclear fallout](#) • [Nuclear meltdown](#) • [Nuclear power](#) • [Nuclear weapons](#) • [Nuclear and radiation accidents](#) • [Nuclear safety](#) • [High-level radioactive waste management](#)
- **Overpopulation** — [Burial](#) • [Water crisis](#) • [Overpopulation in companion animals](#) • [Tragedy of the commons](#) • [Gender Imbalance in Developing Countries](#) • [Sub-replacement fertility levels in developed countries](#)

- [Ozone depletion](#) — [CFC](#) • [Biological effects of UV exposure](#)
- [Pollution](#) — [Environmental impact of the coal industry](#) • [Nonpoint source pollution](#) • [Point source pollution](#) • [Light pollution](#) • [Noise pollution](#) • [Visual pollution](#)
- [Water pollution](#) — [Environmental impact of the coal industry](#) • [Acid rain](#) • [Eutrophication](#) • [Marine pollution](#) • [Ocean dumping](#) • [Oil spills](#) • [Thermal pollution](#) • [Urban runoff](#) • [Water crisis](#) • [Marine debris](#) • [Microplastics](#) • [Ocean acidification](#) • [Ship pollution](#) • [Wastewater](#) • [Fish kill](#) • [Algal bloom](#) • [Mercury in fish](#) • [Environmental impact of hydraulic fracturing](#)
- [Air pollution](#) — [Environmental impact of the coal industry](#) • [Smog](#) • [Tropospheric ozone](#) • [Indoor air quality](#) • [Volatile organic compound](#) • [Atmospheric particulate matter](#) • [Environmental impact of hydraulic fracturing](#)
- [Reservoirs](#) — [Environmental impacts of reservoirs](#)
- [Resource depletion](#) — [Exploitation of natural resources](#) • [Overdrafting](#)
- [Consumerism](#) — [Consumer capitalism](#) • [Planned obsolescence](#) • [Over-consumption](#)
- [Fishing](#) — [Blast fishing](#) • [Bottom trawling](#) • [Cyanide fishing](#) • [Ghost nets](#) • [Illegal, unreported and unregulated fishing](#) • [Overfishing](#) • [Shark finning](#) • [Whaling](#)
- [Logging](#) — [Clearcutting](#) • [Deforestation](#) • [Illegal logging](#)
- [Mining](#) — [Acid mine drainage](#) • [Environmental impact of hydraulic fracturing](#) • [Mountaintop removal mining](#) • [Slurry impoundments](#)
- [Toxins](#) — [Chlorofluorocarbons \(CFCs\)](#) • [DDT](#) • [Endocrine disruptors](#) • [Dioxin](#) • [Toxic heavy metals](#) • [Environmental impact of the coal industry](#) • [Herbicides](#) • [Pesticides](#) • [Toxic waste](#) • [PCB](#) • [Bioaccumulation](#) • [Biomagnification](#) • [Environmental impact of hydraulic fracturing](#)
- [Waste](#) — [Electronic waste](#) • [Litter](#) • [Waste disposal incidents](#) • [Marine debris](#) • [Medical waste](#) • [Landfill](#) • [Leachate](#) • [Environmental impact of the coal industry](#) • [Incineration](#) • [Great Pacific Garbage Patch](#) • [Exporting of hazardous waste](#) • [Environmental impact of hydraulic fracturing](#)

Choose one of the topics above or another of your own (teacher approval required) and write a 4-6 page (body of paper) research paper.

- Thoroughly define/explain the topic and discuss the problem as it relates to the World, U.S, CT and possibly New Britain.
- What are some of the possible ways that your chosen issue could be resolved or lessened?
- What are some of the ways that the average person can help to improve the situation/problem? Include sources the average person could use to find more information or ways to get involved with addressing the issue.

- A minimum of (2) tables, charts, illustrations, etc. must be included along with explanations of them. (These should be also referred to in the body of your paper).
- A title page must be included containing the title/topic, your name, due date, and class.
- A bibliography must be included using APA format and containing a minimum of 4 sources.

Below is a list of possible web addresses that may be useful. These are neither required nor strongly suggested but merely possible resources.

<http://www.connecticutmag.com/Connecticut-Today/April-2013/Environmental-Issues-Facing-Connecticut/>

<http://www.nature.org/ourinitiatives/regions/northamerica/unitedstates/connecticut/index.htm>

http://library.thinkquest.org/26026/Environmental_Problems/environmental_problems.html

<http://www.globalissues.org/issue/168/environmental-issues>

<http://www.buzzle.com/articles/environmental-issues/>

http://green.wikia.com/wiki/Category:Environmental_Issues

<http://www.environmentconnecticut.org/issues>

<http://www.connecticutmag.com/Connecticut-Today/April-2013/Environmental-Issues-Facing-Connecticut/>

<http://www.nature.org/ourinitiatives/regions/northamerica/unitedstates/connecticut/index.htm>

http://library.thinkquest.org/26026/Environmental_Problems/environmental_problems.html

Questions? I can be contacted at: ramsey@csdnb.org

