

Guillermou

The effects of supposed global change and exposure to endocrine-disrupting chemicals are currently considered two of the most serious anthropogenic threats to biodiversity and ecosystems. Because different endocrine systems are important in allowing animals to respond appropriately to environmental stress, EDCs may interfere with adaptations to higher stress situations. Such interactive effects are likely related to adaptive responses regulated by the thyroid, sex steroid, and glucocorticosteroid systems. Consumption and production patterns around the world have pushed the planetary limit of environmental contaminants beyond sustainability, while at least 5,000 new chemicals produced since 1950 are recognized as having near-universal human exposure.

Pollution contributes approximately 17 to 25% of the environmental burden of disease, or about 9 million deaths per year. This is a fraction of the amount of its sublethal damage that leads to a wide spectrum of diseases, many of which are unrecognized. Persistent synthetic chemicals are a major threat to the environment. When chemicals do not break down but continue to be released, their concentration in the environment increases.

If a persistent chemical is also harmful to wildlife and humans, this is a major concern. Infamous examples of persistent and dangerous chemicals that caused large-scale environmental damage are DDT and polychlorinated biphenyls (PCBs). Bioaccumulative chemicals can accumulate in the human body and wildlife because they are absorbed by the body and not excreted quickly. If such an organism is eaten by something higher up the food chain, the concentration of the chemical in living tissues increases. This is called biomagnification.

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Some of the most notorious chemicals, such as the pesticide DDT, PCBs, PFAS, and some flame retardants, are extremely persistent, toxic, and bioaccumulative—a triple problem for humans and wildlife. EDCs, and suspected EDCs, are frequently found as contaminants in fresh and marine waters in Europe. In fact, more than three-quarters of Europe's seas are polluted by a cocktail of harmful synthetic chemicals, according to a 2019 report by the European Environment Agency. This same report also states that in European freshwaters, on average, 20% of aquatic species are lost due to exposure to a mixture of chemical pollution.

In England, only 14% of rivers are currently classified as having “good ecological status”. Research has shown that some of the UK's rivers are polluted by historical pollution from banned toxic chemicals such as PCBs and emerging pollutants such as PFAS; and by hormone-disrupting chemicals used in medications. More than 240 different synthetic chemicals have been detected in drinking water across Europe. Conventional water purification systems in treatment plants are not 100% efficient in removing all contaminants from drinking water.

For many synthetic chemicals, treatment will remove a maximum of 40%. Synthetic chemicals found in drinking water include pharmaceuticals, pesticides, and many industrial chemicals, such as the well-known endocrine disruptors phthalates and bisphenols, and chemicals from the PFAS family. chemtrust.org/edcs-wildlife (2023).---- sdg.iisd.org/commentary/policy-briefs/integrating-policy-water-endocri.. (2023) www.researchgate.net/publication/6967171_Endocrine-Disrupting_Chemical.. (2023).----

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juststeve

Geez Professor, so many of these sources of offenders get not only free passes, but subsidized sold to the public as 'cheap, inexpensive.' Yet when we look at how the current structure calls externals, in other words just look at what we want you to look at. Do not follow the chain from start to finish. Just look at what we want you to look at. If we follow the chain from start to finish, we find when all the parts are put into motion those 'cheap, inexpensive products' have huge hidden costs, covered by Joe Q. Public. A huge cost in health. We can pay a Real Farmer producing healthy, nutritional foods, or we can pay the Rockefeller Medical System for a never-ending treadmill of pills and what not. We pay for the clean ups when they can't be ignored. There are so many areas if honestly added to the costs of many products, one would most likely be stunned.

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You speak great truths, Just, Our ancestors advanced for tens of millions of years to survive their environments. For most of human existence, this atmosphere was characterized by challenges, such as food shortages or foods that could lead to illness, as well as unhealthy situations dominated by the immune system. It was an atmosphere where the immune system was enhanced, a great factor for survival. Our immune system evolved with parasites and bacteria, and their near eradication in a few generations is interfering with its proper functioning.

This concept, called by experts as the "hygiene hypothesis," is producing new diseases, for which conventional medicine still has no answer. And when you have it, they will cause more serious illnesses. Highlight the weakness of the immune system due to the criminal industry that forces us to introduce toxins into our body, such as glyphosate, heavy metals, etc. a medicine of vaccines, antibiotics, fluoride, mercury, in which we must consider the synergy between toxins.

and a hygiene system that includes cleaning products, disinfections, etc. that are populating the world with superbacteria, which are even transmitted through the air and contaminate the entire planet, including native areas where industrialization has not reached. Just thinking about this, it is evident that the defense of human rights is being attacked, and democracy is weakened, due to the lack of relevance of the people who want to live in a healthier world, of which there are surely many of us.

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Almond

Mind control is also a form of pollution. Here is some timely reading on mind control. Book Summary: The Rape of the Mind by Joost Meerloo www.hustleescape.com/book-summary-the-rape-of-the-mind-by-joost-meerlo..

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panotx

While I'm not as 'scientifically minded' as Gui & Just, I suggest that endocrine-disrupting chemicals probably play a large part in the mental illness called transgenderism.....

Posted On 03/25/2024

juststeve

Agree!

Posted On 03/26/2024

mourningwarbler

I think it's the psychiatric industry in part, the lgbt religion pressed on kids in public schools, no dissent allowed from kids or parents or teachers. School boards. Federal Department of Education. National Education Association. American Library Association. These are the criminals.

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artist.jill

Indirectly related to the topic of environment: Dr. Meryl Nass has shared in her newsletter a link to an excellent new climate change video by Wide Awake media (on their X Twitter page): Climate the Movie: The Cold Truth ~ [twitter.com/.../1770552312710217954](https://twitter.com/1770552312710217954) ~ ~ ~ ~ ~ Also, here is the earlier film (2007) on the same theme by the same creator: The Great Global Warming Swindle ~ <https://youtu.be/oYhCQv5tNsQ> that I think you guys will enjoy as well. Apparently there were a few points that needed to be updated or corrected, but overall it is also worthwhile.

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