

Its_All_Light

Albert Howard, a mycologist in the early 1900s, while appointed as Imperial Botanist to the Indian Government and based in Bengal, discovered, by emulating local farmers, that the way to keep animals and plants healthy and disease-free was to keep the soil healthy. Keeping the soil healthy was achieved by using no artificial inputs and returning to the soil, composed plant and animal waste. His cattle resisted all the many outbreaks of foot-and-mouth, rinderpest and other cattle diseases that were rampant at the time, even though his cattle were literally often rubbing noses with diseased animals. This is the concept of a healthy immune system being the best disease prevention. A healthy immune system can only happen with uncontaminated soil, water and air. Howard's work was written up in 'Waste Products of Agriculture: Their Utilisation as Humus' (1931).

His work caught the eye of Lady Eve Balfour, who cured herself and her animals using the same principles and she became one of the founding members of The Soil Association, a UK based organisation who promote and protect a healthy environment; healthy soil being the foundation of that. As Howard proved, we have to get back to natural methods of agriculture if we are to stand any chance against disease-causing microorganisms. Natural methods being organic and biodynamic farming. Biodynamic growing can achieve the near miraculous. Check out Rudolf Steiner and The Findhorn Foundation in Scotland. The Findhorn Foundation created an oasis with lush vegetation out of what was basically just a sandy beach, crucially with the guidance of the late Eileen Caddy, but it remains a thriving, productive community today, run on the principles of Steiner's biodynamics.

Posted On 09/12/2017

Guillermou

Hi It's all day. Your name and description of your book says a lot about your thoughts and concerns. I applaud that oasis, to maintain the ecosystem, in optimal conditions for human and animal life. To desire, that the man, back down in his unstoppable way to destroy the planet. However, it seems that large corporations remain blind to this disaster, and only think of gaining power, and money to feed their greed.

The origin of the problem is not microbes, but people: doctors, veterinarians, pharmacists, livestock, patients. The indiscriminate and irresponsible use of antibiotics is causing multiresistant strains of bacteria to emerge. Sludge from sewage treatment plants contains antibiotics in their composition, and if these sludge is used in agriculture, it is unpredictable to act on the necessary nitrogen-fixing microorganisms. Antimicrobials, as fattening promoters, exert an intense action on the intestinal microbiota of animals, inevitably altering the microecology of biological wastes.

The risk is great, and experts warn, that an era could be reached postantibiotics, which will lead us back to the time before penicillin. According to estimates, by a British study, if resistance continues to grow at the current rate, by 2050 more than 10 million people worldwide will die from infections that could be treated earlier. It is difficult to resist, the pressures and incentives of the pharmaceutical industry, to prescribe antibiotics, especially through aggressive campaigns of introduction of new products in developing countries.

On the basis of available evidence, the EU decided to ban the use of antibiotics as growth promoters in 2002 (although the ban became effective in 2006), which is still allowed in many other OECD countries such as the US or China , two of the world's leading meat producers. However, despite the ban figures indicate that the consumption of antibiotics has not been reduced in the EU, where they continue to consume more than 8,000 tonnes per yea

Posted On 09/12/2017

stanleybecker

Ms Light - Findhorn was considered one of the Eden's of the 60's revolution - along with Soleri/ Ken Kesey's merry pranksters/ many communes and communities that experimented with alternative life styles - I'm sure some of them still function like Findhorn does today - these were courageous enterprises that focused on truth and trust - the very opposite of the Corporate predatory ethos of dishonesty and greed -

Posted On 09/12/2017

Krofter

IAL - Great post. Sir Albert Howard must have initially upset the crown, but he did eventually become knighted. Perhaps the best thing he brought back from India and introduced to the rest of the world (via JI Rodale here in the US) was the concept of composting.

It seems the big issue brought up in this article is this idea of taking the dregs from one industry and using it to feed another. For instance; using the meal left over from pressing the oil out of soy beans and making pig, chicken and fish feed out of it and then using the dregs from pig, chicken and fish operations to create fertilizer. The energy required to move all of that "waste product" around is enough to make it unworthy, not to mention to bio-accumulation of toxins and antibiotics.

Biodynamic farming is the only widely recognized form of farming right now that takes these issues into consideration. Biodynamic farming promotes the concept that all farms should be self sufficient with inputs. This means having a mixed operation with livestock as part of the program to supply nutrients to feed crops. Can't do that on "vegan" farms. In that Steiner understood this nearly 100 years ago makes him a visionary.

erdakroft.com/Erdakroftfarm/Blogs/Entries/2017/8/8_A_brief_introductio.. Yam, that's my solar fed water tank in the photo.

Posted On 09/12/2017

seg

Water pollution goes very deep indeed, but it's not just farming, we have to look at "all" aspects of the Ecosystem and see how best we can create and incorporate responsible techniques that would work for all areas of this wonderful system.. To do this we have to stop looking at things from a "one of" position, and start looking at things from a bird's eye view, the complete picture if you will..Then and only then we can start to understand how wonderful this place we inhabit is and how to protect it and keep it running smooth..

Just the other day i came across this mind boggling article that shows the brains of fish containing an alarming amount of Opioids - yeah even the fish are depressed these days sheesh! To quote "The drugs enter rivers and lakes in Great Lakes region from treatment plants and sewage overflows, threatening aquatic life, University of Buffalo scientists say." This is insanity to the highest level and just goes to show how deep the threat is..Humans have their work cut out if we are to progress as a responsible specie.. High time we stop the madness people and get to work !

niagaraatlarge.com/2017/09/05/health-threatening-antidepressant-drugs-..

Posted On 09/12/2017

Guillermou

Very true SEG, we are drowning the ecosystem. Humans, are half way, to harm the environment, so seriously, that the Earth could become uninhabitable for man, animals and plants. Many limits are being crossed: climate change, loss of biodiversity, deforestation, nitrogen disruption due to agricultural and industrial processes that threaten aquatic life and cause massive growth of algae in lakes and oceans. If we continue like this, we will deplete the stratospheric ozone, acidify the oceans, until we lack the fresh water consumption. The presence of antibiotic-resistant genes in surface water, groundwater, sewage treatment plants, landfill sites and various agricultural and aquaculture sites means that environmental contamination has not only been chemistry, also fueled by the massive use of antibiotics.

It seems difficult to find solutions, to prevent the industrial breeding of animals, confined in cages, deprived of freedom, subjected to fattening antibiotics, and mistreated until their death. The big corporations are in charge of marking the laws, to keep unpunished the agriculture, and industrial winner, with a misleading advertising, without a label of provenance of the transgenicos foods and the intensive cattle ranch. Given this scenario, the only solution I see, to feed properly, is to go to organic farmers, or to enhance their own upbringing. Dr. Mercola states in this article several US organizations that can help you get healthy foods

articles.mercola.com/sites/articles/archive/2016/12/20/dangerous-cafo-..

Posted On 09/12/2017

seg

Gui yes, they say the human animal is the most destructive beast on the planet..And all of the signs are pointing in that direction..There is no end to the greed and the quest for power to rule and to dominate, with absolutely no regards to the destruction caused ..There are just too many smart and talented people on board for us to continue in this direction..We most definitely got our work cut out for us, i.e if we want to leave something half decent for the future inhabitants of this once pristine planet...

Posted On 09/12/2017

iamblessediam

Yo seg...AGREED - to further add insult to injury: [time.com/.../plastic-fiber-tap-water-study]. To further complicate the picture, the current POTUS did this:

[www.theverge.com/2017/2/28/14766462/trump-executive-order-clean-water-..]. This action begs this question from me - where's the Health Ranger - Mike Adams - when you really need him?!?!

People keep electing their own health assassins BECAUSE they DON'T have the mindset you and I - many others too - share about the Earth - Mother Gaia - ECOSYSTEM. They cling to their political belief system right into their graves and are blinded to the fact their "political actions" are literally killing other life forms - including their descendants - a complete logic fail. One Level Four Savvy User-badged person on this forum stated the current POTUS would be okay if he did something about vaccines. I mean - WTF - what kind of logic is that - breathing the air and drinking the water is a form of "vaccine" - they both contain many of the same dangerous ingredients "anti-vaxxers" rail against - sometimes in higher doses. Just another brick in the wall of stupid is as stupid does in my book! Get the flip AWAKE people - learn to love and respect and help heal the Ecosystem you live in. Off my soapbox now;-)))! Be well my friend! LBP!

Posted On 09/12/2017

dude01

Seg, I remember listening to a Native American activist from the Pacific NW recently talking about the mess that has been created by the profiteers who had the bright idea to farm Atlantic Salmon in the waters of the Pacific NW. The activist claimed that the presence of the Atlantic Salmon in these waters was upsetting bio factors in the environment. One specific incident she pointed out was there was now a strong presence of damaging sea lice in these waters as a result of the farming that was taking place. A domino effect was being created because man, in all his brilliance, was now triggering a series of domino effects that were not heading in the right direction. Another point that was interesting was that the Native American activist pointed out that none of these problems was ever mentioned by the main-stream media. She encouraged the attendees of her speech to spread the message about this environmental fiasco through word of mouth, because it wasn't going to get out there otherwise. Thank goodness for Dr. Mercola's web site and a few others. And thank you Al Gore for inventing the internet

Posted On 09/12/2017

npolog

"Just the other day i came across this mind boggling article that shows the brains of fish containing an alarming amount of Opioids - yeah even the fish are depressed these days sheesh! To quote "The drugs enter rivers and lakes in Great Lakes region from treatment plants and sewage overflows, threatening aquatic life, University of Buffalo scientists say." This is insanity to the highest level and just goes to show how deep the threat is..Humans have their work cut out if we are to progress as a responsible specie.. High time we stop the madness people and get to work !"

These fish **MUST** be arrested and put into treatment programs....right now! It's probably too late to stop the madness. Due to overpopulation and the pollution of everything...the human population is in the process of degradation. Epigenetics in service to reverse eugenics...corporate led disaster capitalism. The best most people can do is to create your own space and try to avoid most of the crap. But first they'd need to wake up and smell the mess....but even that is more than most can do. If you are young and full of hope...go for it. And good luck to you.....

Posted On 09/12/2017

Underglaze

Put a stop to 'farmed' fish altogether. And put a strict limit on the size of CAFO operations with strict attention to the runoff problem from manure. Many small farms are much better than a few huge CAFO operations.

Posted On 09/07/2017

Erena5

@Underglaze That's it! If we can stop it altogether that's the only way to win; not locally but globally

Posted On 09/12/2017

stanleybecker

Economy of Scale - Henry Ford and more turnover means cheaper production - assembly line theory

Posted On 09/12/2017

Garlicmeister

I agree, it's time to put a stop to all forms of CAFO. However; since CAFOs are based on greed and not caring about animal welfare or environmental damage, I expect it to increase not decrease. It is we the people who are secondarily responsible for it because we reward the perpetrators by buying and eating their contaminated products and wonder why we are getting sicker and less healthy than our grandparents were. The system is corrupt to the core and we are supporting it. Until we rise up and say " No more!" and mean it and put producing some of our own food higher on our priorities list, nothing will change, except for getting worse. I'm sure glad my wife and I are older and raise or grow much our own food rather than being young and having to depend on the imitation food manufacturing industry for our healthy sustenance.

Posted On 09/12/2017

Guillermou

The livestock sector is responsible for at least 51% of greenhouse gases (GHGS). An FAO report, entitled "The Long Shadow of Livestock", indicated that agricultural production for animals is responsible for more GHGS, than all cars, planes, ships and other means of transport together around the world. Intensive rearing results in too large a stocking population. To feed all these animals requires huge amounts of cereals, grains, seeds and grasses. Cropland is becoming insufficient and this is how the livestock industry resorts to the deforestation of forests and forests, generating millions of tons of CO2.

The digestive process of the more than 1 billion cows, generates 37% of the total methane. This gas is 23 times more powerful than CO2. Cow feces contain high amounts of nitrous oxide, a gas 300 times more potent than CO2, and the urine and feces of the 17 billion chickens generate 64% of the ammonium. a chemical element that causes acid rain. Transporting and keeping in refrigeration the hundreds of tons of meat, milk and eggs, produced every year, involves an enormous expenditure of fossil fuels and electric energy. Industrial cattle ranching is responsible for 90% of deforestation in the Amazon, the world's main lung, due to the extension of grasslands and forage crops to feed a growing population of livestock.

Posted On 09/12/2017

ragus

Only farmed fish, fed organic food, is allowed to be labeled as organic fish in Denmark, whereas wild-caught fish is not allowed to be labeled as organic. Anybody see the irony in that?

Posted On 09/12/2017

stanleybecker

yes, - wild fish eat what they find - they are not "fed" anything

Posted On 09/12/2017

njlady

For those who soak in the tub, here are some of the best essential oils that you can add to the water that are anti bacterial and can kill staph, mrsa and other bacteria. Just add a few drops to some Epsom salt to keep them from floating on the water surface. Clove Cinnamon Tea tree Additional essential oils that are also proven active against Staph and MRSA include: Eucalyptus Rosemary Lemongrass Cinnamon bark Geranium Lavender

Posted On 09/12/2017

iamblessediam

Another reason I put cinnamon in my coffee and why I blend what I call my "fav seven" spice blend for food use - it's an "inside out" thingy process. Be well! LBP!

Posted On 09/12/2017

Guillermou

Thank you "NJ". In Spain we have very good researchers, some of whom are highly sought after in the USA. A study, recently published in the journal ACS Applied Materials & Interfaces, and led by postdoctoral researcher Diana Vilela, a member of the Smart Nano-Bio-Devices group of the Bioengineering Institute of Catalonia, describes the development of small robots, which can swim in the water, and catch more than 80% of these bacteria, acting for 20 minutes.

These robots are designed as spherical particles, with two distinct hemispheres. One face is made of magnesium, which reacts with water, to produce hydrogen bubbles, which propel the microbots. The other side is formed by alternating layers of iron, and gold covered by silver nanoparticles. Bacteria adhere to gold, and are removed by silver nanoparticles. Then, because of the magnetic properties of the iron, the microbots can be easily collected with a magnet, leaving no residue in the water.

Posted On 09/12/2017

njlady

Gui that's pretty exciting technology!... wonder if it can be applied large scale, as in a local reservoir....of course it will probably be quite expensive

Posted On 09/12/2017

Guillermou

!! Imagine "NJ" !!. to decontaminate the sea, we would have to have thousands of platforms, loaded with gold and silver, and with surveillance day and night, to persuade the thieves lol. If you know SEG, who knows a lot about water, or the IAM Investigator, they think, better solution.

Posted On 09/12/2017

Garlicmeister

NJ Lady - Thank you for your informative post about using fragrant herbs and essential oils in bath water to kill bacteria. If you get a highly resistant strain, there's something you could use as an alternative soaking medium that's totally effective and that is a few cloves (not bulbs) of natural (non-irradiated) garlic, the hotter when tasted raw, the better. Believe it or not, the allicin in crushed raw garlic kills all bacteria and most other microbes, even the most resistant strains. If this sounds interesting to you, please check out this MRSA patients forum where garlic water and its many uses are discussed extensively and how and why it works becomes clear: <http://www.mrsa-forum-usa.com>

The best places to buy natural garlic are farmers markets direct from the grower, whether local or on the internet. Yes, there's a garlic growers farmers market on the internet. Good luck to you.

Posted On 09/12/2017

Guillermou

IAM, researcher, great reference. Personally, I take some vitamins, in nanoparticles. The field is immense. Nanotechnology, extended to the field of nutrition thanks to the discovery of the scientist Gary Samuelson, who managed to introduce nanonutrientes to the water, for the consumption and better absorption of the human body. The American and medical atomic physicist, says "consume nanoparticles of such small nutrients, can enter the cells, for better absorption and nutrition." Nanotechnology, a new tool for health, can also be manipulated so small nanoparticles can enter cells, and eliminate microbes, bacteria, fungi, parasites, tumors and viruses. "Nanonutrients are absorbed almost 100 percent into the digestive system, which means that small amounts of nanonutrients are equal in nutritional power, that large amounts at meals, that's the advantage." Eating healthy is recommended, but in certain diseases and malnutrition, is a good solution.

Posted On 09/12/2017

njlady

Garlicmeister thanks for that info!...Such a real power house for a tiny vegetable...the best part tho'... is it tastes ssoooo good!

Posted On 09/12/2017

iamblessediam

Hi Prof. G. -- Interesting you reference Dr. Gary Samuelson and his nano-based approach to increasing intermediate metabolites effecting the redox cycle in a positive manner via superoxides. Here's what fascinates me - bacteria do the same thing in the microbiota - gut - and to a lesser extent on the skin surface. About metabolites - notice what the author says about bacteria: [www.news-medical.net/.../What-are-Metabolites.aspx] and bacteria: [www.nature.com/nrmicro/journal/v2/n12/full/nrmicro1022.html?foxtrotcal..]. A short video that independently validates Dr. Gary Samuelson's approach: [www.youtube.com/watch]. The microbiota - gut - bacteria genome has already been sequenced - over 3,000,000,000 DNA. What researchers discovered is EACH "single bacteria" can create up to 1,000 "unique" molecules or molecule chains called intermediate metabolites designed to meet physiological demands. Certain bacteria bend - morph - transmute the "known" laws of thermal dynamics - the exact mechanisms of how they do that is currently little understood but observable. If you do a deep dive into the research on extremophile bacteria you will quickly see the future of medicine - the emerging field of biopharmaceutical research is an example. I might not see it but me thinks they'll soon link both the human genome and gut genome DNA to create a health platform that'll match "fecal donors" to address every inflammatory disease known. The redox cycle and exosome corollary research is gaining steam: [scholar.google.com/scholar?q=redox+and+exosomes&hl=en&as_sdt=0..] - so is the research on bacteria and exosomes: [scholar.google.com/scholar?q=bacteria+and+exosomes&hl=en&as_sd..]. It's the reason I'm fascinated with Viome. Be well! LBP!

Posted On 09/12/2017

breathoflife

Farmed fish tastes like pus, (I took one bite and spit it out and immediately rinsed out my mouth, never again touched my lips) yet 99% don't notice. 99% are also narcotic addicts, is there a connection?

Posted On 09/12/2017

stanleybecker

pus? - I am not sure what that tastes like - but I take your word on this

Posted On 09/12/2017

tryingtobenlighted

As a kid in the 60s growing up in California, we often camped in Oregon on the Rogue River. We fished and caught salmon that was absolutely delicious. Now most salmon tastes like sh#%^t!!!! Even the wild isn't very good. So sad. I wish somehow the people who care about the environment could be in charge instead of these creatures that got us to buy into and accept garbage instead of real food....Our USA population bought into cheaper is better at any cost. I don't understand this because I remember we criticized Japan in the 60s for producing cheaply made products. Now that's all we want but we cannot see the true cost, even to our own future generations.

Posted On 09/12/2017

grulla

A slightly different situation of fish farming is the invasive Asian Carp (not the domestic bottom feeder variety) that were imported here to help clean certain waterways and aqua facilities. Like the other farmed ocean fish, the Asian Carp have escaped into fresh waterways causing various environmental problems such as killing off native specie fish. However, this is one situation has the potential for being solved by harvesting these tasty and nutritional fish commercially. The Asian Carp are said to be very plentiful as you will see in the following links. When one is given 'lemons', we should learn to make lemonade:

www.bloomberg.com/news/features/2017-01-19/get-rich-save-the-world-gut..

seagrant.oregonstate.edu/sites/seagrant.oregonstate.edu/files/invasive..

www.outdoorhub.com/how-to/2015/01/09/eat-invasive-7-simple-asian-carp-..

www.nytimes.com/video/us/1194817123375/jumping-asian-carp.html?mcubz=0

archive.usgs.gov/archive/sites/fl.biology.usgs.gov/Carp_ID/html/hypoph..

Posted On 09/12/2017

Guillermou

GRULLA, good and documented information. Add: Tilapia, has been present since time immemorial and is believed to be fish, which Jesus multiplied in the miracle of loaves and fish. Ten years ago, hardly anyone knew it, and today, it is one of the best selling fish in the world. The qualities to adapt to the breeding in fish farms, are his main asset, to have become, the star of the aquaculture world.

China, is the leader in world production, and also in exports. It has literally flooded the markets of United States, and also of Europe of frozen fish fillets and also breaded. And many of the precooked, fish-based dishes that are consumed, have Chinese tilapia inside. Its low cost of production, and its soft taste, have been the secrets, to open the doors, of the international markets. Tilapia in free waters is omnivorous with a tendency towards a vegetarian diet. It feeds therefore of phytoplankton, periphyton, aquatic plants, small invertebrates.

An article in the US magazine Businessweek, "Pig Feces," reports that in many fish farms, the Chinese are feeding the fish, with pork and goose droppings, because they are cheaper than fish food, and so compete better, in a saturated market. Animal droppings, make fish sick, and become vulnerable, against disease. In addition, they pollute the water. Michael Doyle, director of the Center for Food Safety at the University of Georgia in the United States, says in Businessweek, "Animal droppings, which are used to feed fish, are often contaminated by bacteria such as salmonella." Add, all the antibiotics, and toxins that feed them with excrement, provide them. " THIS IS INCREDIBLE "

Posted On 09/12/2017

seg

groo when one is given lemons we need to learn how to make lemonade, right i got it...So when one is given poop (like we been given) , i guess we need to learn how to make poopsicles, lemon poopsicles perhaps ?? LOL..

Posted On 09/12/2017

grulla

"seg" and "Gui", there's a big difference. Keep in mind that unlike the Asian Carp, the Talapia are raised in CAFO fish farms here and elsewhere like Asia. And the Asian Carp that have escaped and have gone back being wild (feral) in our rivers and waterways, have greatly propagated without being "farmed" with pig poop, grain, or anything else. There are plenty in the wild just for the taking, so much so that they are threatening other fish species. Check those [links](#).

Posted On 09/12/2017

bowgirl

You know we are on the right track when someone tells me "I want to eat what you are eating". My 1/2 acre farm on the Main St of town, buffered with 6'+ hedges is often a topic of conversation. I recently made apple sauce from untended(no sprays) apple trees. The owners were thrilled to have the apples GONE as the downed apples were attracting bees.....

Posted On 09/12/2017

Norisnita

To Stanley. Well Stan the song was dedicated to MDG but I enjoyed the song too Beautiful Eric Burdon The Animals Wa gotte Get out of This Place. That is what I like Stan, music, music, music. and you always put the music condiment on your comments That is a very good illustration to this very interesting website. Thanks my God, I'm enjoying health and music in my life. Thanks Stanley for your very interesting videos illustration.

Posted On 09/12/2017

tryingtobenlighted

As a child my mother forced me to visit a neighbor to learn how to create a compost. Although I didn't enjoy it at the time it caused me to have compost piles wherever I live. The compost is started from dirt, discarded greenery (no thorny plants), dry leaves, egg shells, ash from the bbq, a bit of manure from cows or horses, etc. I water it whenever its dry. It continually grows and eats everything that's put into it. I throw it out randomly in the garden about once a year. I have no weeds, the plants are huge and strong, and it seems to keep bad pests away, but the good ones thrive. Its so easy. Why did farmers lose this? Its truly a lazy man's way to garden. meanwhile chemical fertilizer is killing the ocean, beneficial insects and the land. What happened to our farmers?

Posted On 09/12/2017

Energykinesiology

Natural farming is mostly a lost art along with composting. Many farmers are able to avoid antibiotics by way of using Se to boost immune systems of cattle and swine. Se actually promotes healthy growth, reproduction and aids in resistance to infectious disease. No wonder show animals are fed selenium along with cattle/swine. We know what works/is effective and yet the majority of farmers succumb to the profitable pharmaceutical industry because they spread fear of what will happen if you don't use antibiotics. Those selenium benefits are the same for animals and humans.

Posted On 09/12/2017

turkthagoras

Perhaps this documentary could shine some light on the "agenda" you're curious about. It explains the mechanisms utilized by the elite.

It focuses on the U.S., yet if one is to ratchet up their perspective just a bit, one may see the information as a microcosm of the GDA.

(global domination agenda). Yes?

How Big Oil Conquered the World - YouTube

Video for how big oil conquered the world▶ 1:11:27

www.youtube.com/watch

Posted On 09/12/2017

tryingtobenlighted

It really makes me wonder about this plan whoever is in charge has. Is mass pollution and new strange problems part of their agenda? It seems like they don't know what they are doing. Or its deliberate- but we are missing many pieces of their puzzle...

Posted On 09/12/2017

hut

One possible light at the end of the tunnel is antibiotic resistance is extra baggage for bacteria. Take away the the antibiotics and fungus and in a short period of time most of the bacteria evolve back to their former "selves". There is also a light for herbicide use, sort of in the opposite direction. After a few generations, the weeds on herbicide smothered soil, start to resist and in time will thrive. So herbicide use becomes moot.

Posted On 09/12/2017

stanleybecker

a bit optimistic methinks, hut - is there time for this recovery that has not started yet and is unlikely to start in the near future

Posted On 09/12/2017

hut

Hello there Stanley,

Yes perhaps too optimistic because it takes longer to lose a trait than gain one. If we stop unnecessary antibiotic use and giving antibiotics to farm animals there is hope.

link.springer.com/.../s00580-016-2321-2

The thing is, sometimes the bacteria win.

Now weeds have much, much, much longer lifespans than bacteria yet have developed resistance already in just 15 generations:

www.nytimes.com/2010/05/04/business/energy-environment/04weed.html?pag..

Posted On 09/12/2017

juststeve

In my neck of the woods, it was a manure pond that failed, ran into a river and destroyed millions of fish and resulted in millions of \$\$\$ of damage.. The "farm" is of course a CAFO, a friend who knew the "farmer" asked him, "how much money do you make." The "farmer" reportedly said, I don't know, the bank tells me what I can or can't do, money comes in and money goes out.

The place can be smelled for miles in any direction and it's all one can smell in any nearby town. Point is many of the farms in the area use these manure pits, (there are a few small family farms left but they are nearly extinct.) When this sludge is spread it has nowhere to go but down into the ground water or to leach into streams. It has to contaminate all the water at some point, to say nothing of the wildlife that picks through the fields for forage. Land and sea, dumping grounds for banks and corporations. Is there anyway the liability strategies outlined by the inpower people can be applied to these kinds of situations?

Posted On 09/12/2017

quiet radical

Sounds like a "farm" incident that affected where I used to live in northern NY..right to a "T".....

Posted On 09/12/2017

iamblessediam

YES to your question...find a good "contract law" legal beagle in your area to assist you in outlining your claim. - in the business of law - WORD usage is everything. Be well! LBP!

Posted On 09/12/2017

MDG

I lived for about 6 months in a neighborhood that was close to the site of a former large scale (i.e. CAFO) pig farm. What amazed me was that the farm had shut down (or moved, can't recall) 2 or 3 years before we moved in, yet there was a horrible odor that would permeate the entire neighborhood every so often. The people living there told me it used to be much worse when the pig farm was in operation! Which was hard for me to believe because the odor was incredibly strong and somewhat nauseating when I was there, 2 to 3 years after the farm has ceased operation! Needless to say, we got out of there as soon as we could.

Posted On 09/12/2017

npolog

Around here (farm country...corn/soy) they spray the sludge from cities and CAFOs on the fields as fertilizer...gets rid of the crap and adds nitrogen and drugs and toxics to the soil and the crops....it's all about the bottom line...in service to the 1% or is it the top 20%?

Posted On 09/12/2017

wolekdeb1

What I find most disturbing as a 66 year old, is that the "younger" generation really doesn't care where their food comes from, just so it's quick and easy. When I advise family members against buying anything other than organic grown veggies (spouse died from Hodgkin's Lymphoma from spraying weed killer on lawns); my suggestion is ignored. I raise my own grass fed beef and am told by "friends:" you have to fatten your steer before slaughter, feed corn and grain so the meat will taste good; which I ignore. Maybe ignorance is bliss. So Sad.

Posted On 09/12/2017

Docathelake

Still, whether the failures are due to natural constants such as tides, technology mishaps or carbon-unit (human) failure, the fact remains that these kinds of mistakes and accidents can have devastating, perhaps even irreparable, consequences. The question then becomes, should fish farms really be allowed to operate in these environmentally sensitive areas? carbon-unit = (human) ? Am I biased or is the writer, how can either of us see the truth if either is true, there has to be a middle ground somewhere...smh

Posted On 09/12/2017

Guillermou

In 2050, antibiotic resistance will be responsible for 10 million deaths annually. Experts already classify the problem of superbugs and the growing resistance of some diseases to the drugs we use to combat them as the greatest threat to human health in the coming years. The largest study carried out to date indicates that more than 1.2 million people died in 2019 directly from infections caused by bacteria resistant to antibiotics. If diseases in which resistance played a certain role are counted, the figure rises to 5 million deaths. This global health problem is one of the biggest threats to modern medicine, already claiming more lives than diseases like AIDS or malaria.

[www.thelancet.com/.../PIIS0140-6736\(21\)02724-0/fulltext](http://www.thelancet.com/.../PIIS0140-6736(21)02724-0/fulltext) (2022) The future can be terrible between bacteria resistant to antibiotics and the destruction of the immune system by “vaccines” based on the damage that vaccines cause to our immune system, that is Vaccines help the virus infect you (by suppressing your immune system, probably permanently each time we are injected, according to Dr. Ryan Cole). It means they lied to us. stevekirsch.substack.com/.../new-study-shows-vaccines-must-be .--- Environmental problems, together with climate change, cause the crises associated with water resources that occur around the world.

Floods, droughts and water pollution are worsened by the degradation of vegetation cover, soils, rivers and lakes. When we neglect ecosystems, access to water resources, essential to survive and prosper, is difficult. At this link, there is a wealth of information about water, including quality, wastewater, ecosystems, etc. www.unwater.org/unwater-publications .—

Posted On 05/06/2024

Guillermou

Groundwater provides almost half of all drinking water in the world, and the majority of all extracted groundwater is used in agriculture and industries, such as textiles, polluting rivers with hazardous substances. Groundwater is an important part of adaptation to climate change, and climate variability is increasing pressure on groundwater resources; causing contamination and over-extraction problems. Water pollution maps in the US www.americangeosciences.org/critical-issues/maps/surf-your-watershed www.nasa.gov/feature/jpl/study-maps-hidden-water-pollution-in-us-coast.. www.usgs.gov/news/first-its-kind-interactive-map-brings-together-40-ye.. In this review many articles discuss the impacts of drought on the water quality of freshwater systems.

Prolonged periods of drought are among the phenomena that could have a major impact on photoinduced processes. Drought affects water availability (reflected in reduced water depth, sediment transport and water chemistry). Droughts can reduce the dilution capacity of surface waters and lead to the accumulation of pollutants from point sources, including urban wastewater. Recent studies show that drought can have a pronounced effect on drinking water quality, including taste and odor events, increased color, increased turbidity, pathogens, and control difficulties.

Higher temperatures and heat waves could create more favorable conditions for algae growth in nutrient-rich water bodies; Furthermore, a warmer climate could favor the dominance of cyanobacteria in phytoplankton in the water column and increase the number of cyanobacteria blooms. More relationships between drought and water quality in this link www.researchgate.net/publication/268689803_Drought_impacts_on_the_wate.. (2014-2019)

Posted On 05/06/2024

juststeve

At the Speed of Science and Marketing Messaging, blame Nature for disrupting an Unnatural System.

Posted On 05/07/2024

Kneecaps

The timing of the so-called collapse makes me question whether it was done on purpose or not where farms are not needed since they contaminated the entire salmon industry.

Posted On 05/06/2024

Almond

One more reason to move higher up the mountain and drink the water first. Shyt still flows downhill. The more I see of "civilization", the more disillusioned I become.

Posted On 05/06/2024
