

# The Gulf of Mexico Is Still Dying: Pathogenic Micro-organisms Proliferate Due To Polluted And Poisoned 'Bioterrain'

By [Global Research News](#)

Global Research, July 30, 2014

[Gulf Oil Spill Remediation Cyber-Conference](#)

29 July 2014

There have been several significant developments over the past few decades in the Gulf of Mexico (GOM) which now require special and immediate attention. The multitude of oil spills — both large and small — require extraordinary remediation measures, as well as the application of safe and proven technologies which will not make the existing hydrocarbon pollution worse. There are other major sources of water pollution in the GOM which have also become apparent, particularly since the eye-opening 2010 BP oil spill.

## [The Gulf of Mexico is Dying: A Special Report On The BP Gulf Oil Spill](#)

The *BP Gulf Oil Spill* drew the world's attention to the GOM for a variety of reasons. The sheer volume of oil spilt was unprecedented, as were its profound and lasting effects on a large geographic area. Because it occurred in such a large body of water, many population centers were adversely impacted as they continue to be up to this very day. However, it was the incompetent and negligent oil spill response from BP that received the justified scrutiny of the entire world.

Some have since advanced the notion that global oil spill response has been forever changed for the better, because of how profoundly BP mismanaged the spill for all to see. In this regard, they speak of a literal sea change regarding the methodologies and modalities, process and procedure, science and technology that are now accepted by many of the nations of the world.

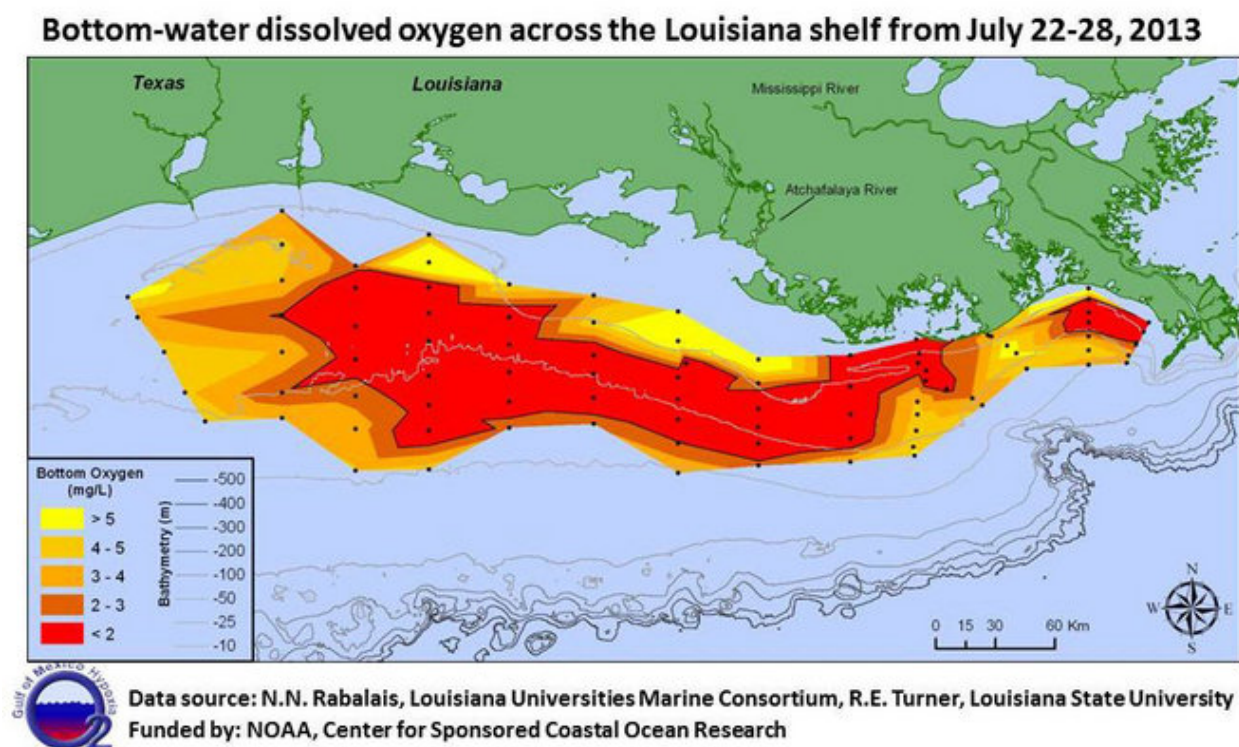
The entire world watched in horror as millions of gallons of the dispersant [Corexit](#) were used to 'disappear' the gushing oil in the Macondo Prospect throughout 2010 and beyond. Disappearing the oil actually meant sinking it, after micronizing it, so that both BP and the US Federal Government could be 'applauded' for a successful response. However, the known health risks/dangers and environmental damage caused by *Corexit* became so well publicized that it has now been banned in those countries which have learned from the BP fiasco. The following article provides more details in this regard.

## [Dispersant Use Like Corexit Sees Precipitous Decline Worldwide](#)

The single revelation about the ramped up toxicity of Corexit-treated oil served to awaken many stakeholders about the safety of dispersant use in our coastal waters. More importantly, this issue also triggered a variety of concerns about the overall condition of the Gulf of Mexico. Residents along the GOM coast, business owners, annual vacationers,

property owners and the like began to research and discover the true state of the Gulf.

It was through a confluence of many disparate circumstances during the gushing, “ginormous” oil volcano which brought to light the following critical observations about the overall status of the Gulf of Mexico. These various perceptions and insights, when considered in the aggregate and within a much larger context, have allowed to surface an assessment of the GOM which can no longer be denied or ignored.



What are the major factors contributing to the unrelenting degradation of the Gulf of Mexico?

We need to look no further than the mouth of mighty Mississippi River to assess some of the most obvious causes of the relentless destruction of the GOM. If one just considers what the Mississippi River dumps into the GOM on a daily basis, it is easier to grasp the enormity of the problems confronting every stakeholder. The most obvious types of pollution entering the GOM are conveyed in vast amounts from various sources throughout the American heartland. Countless kinds of harmful contaminants and toxic chemicals find their way into the Gulf via the Mississippi which comes from many different sources.

This mighty river and it's many tributaries carry a tremendous chemical burden in the form of industrial waste, as well as rain runoff laden with every chemical imaginable from suburbia and cityscapes alike. Agribusiness has seen to it that enormous amounts of chemical fertilizers and soil fortifiers, pesticides and insecticides, mosquitocides and larvicides, fungicides and herbicides, weedkillers and defoliants, bovine growth hormone and animal antibiotics end up in the Mississippi. Likewise, a whole assortment of pharmaceutical drugs, over-the-counter medications, nutraceutical products, as well as all the chemical compounds utilized in the typical American household eventually find their way into the sewers of the nation's midsection.

When you add the untold volumes of leaked oil and gas into the mix in the undersea

Mississippi Canyon by way of manmade oil spills, natural leaks and seeps, drilling mud and other highly toxic chemicals used by the Oil & Gas Industry, methane burps, undersea mud volcanoes, and the increasing vaporization of methane hydrates, an alarming picture starts to take shape.

### Oil & Gas Industry Produces Humongous Amounts Of Pollution In The GOM

Just as each human body possesses its own very unique environmental profile, so, too, does the Gulf of Mexico. From the preceding description of what the Gulf of Mexico is routinely exposed to, it is now incontestable that, as a body of water, the GOM cannot avoid being extremely polluted and only getting worse by the year. In addition to what the Mississippi incessantly dumps into the GOM, Oil & Gas Industry operations are responsible for enormous amounts of pollution.

If the *BP Gulf Oil Spill* taught us nothing else, it is that oil and gas drilling operations conducted in the GOM 24/7 produce an extraordinary number of predicaments in which severe pollution is produced, and then dispersed to the four corners of the Gulf. Not only is the actual process of drilling a very dirty one, the subsequent transport, refinement and utilization of the oil and gas creates myriad opportunities for pollutants, toxins, contaminants, poisons and chemicals to further pollute the GOM.

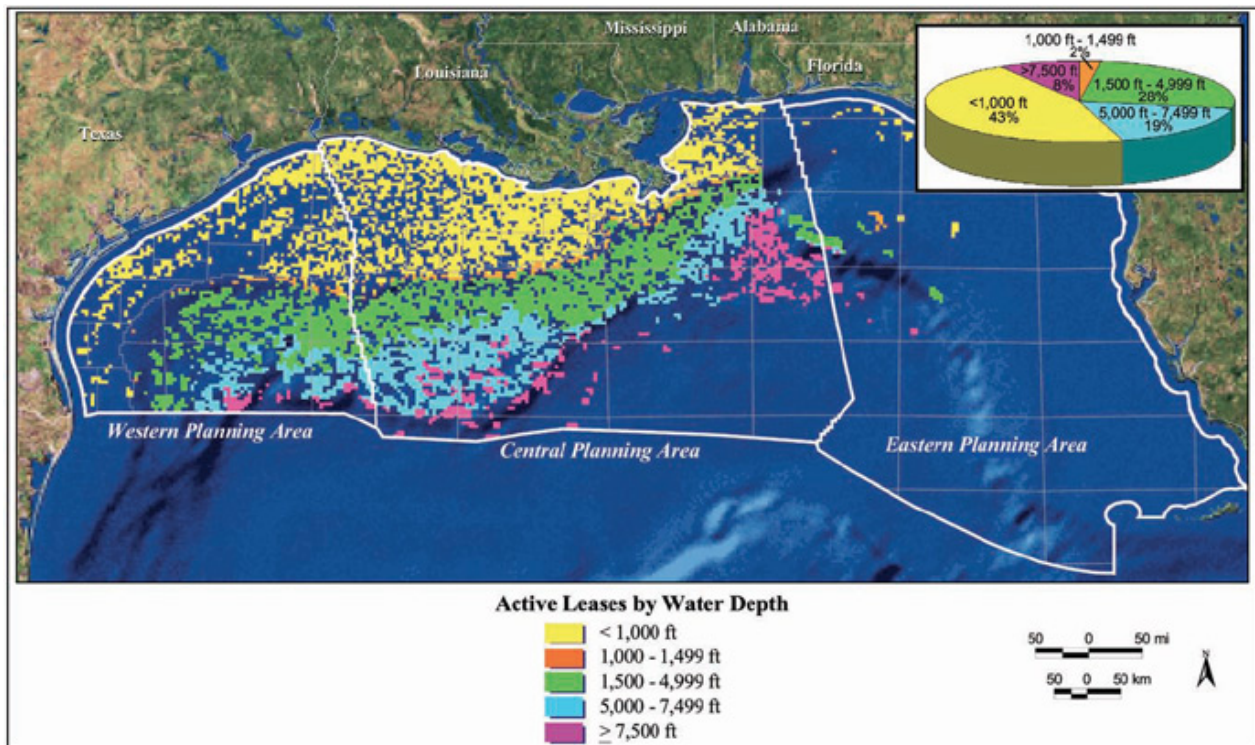
### [Environmental and Health Impacts of the BP Gulf Oil Spill](#)

However, this is just one component of the ever-worsening condition of the GOM. The incessant utilization of drilling mud (also known as drilling fluids) has greatly contributed to the current state of degradation of the entire Gulf Of Mexico. The traditional drilling locations off the coast of Louisiana and Texas are by far the most polluted and perhaps irremediable. However, even the coastlines of Florida are vulnerable to the migration of hydrocarbon affluent and drilling fluids.

The components of drilling mud are much less about mud, and more about other highly corrosive and toxic chemicals which are necessary to do a very difficult job. During any drilling operation in the GOM where copious amounts of drilling mud are utilized, there is effectively no way of containing it or disposing it once it is released. Hence, the GOM seafloor and sub-seafloor geological formations have been exposed to constant injections of drilling mud since use first began decades ago.

The following link entitled [“Drilling fluids and health risk management”](#) contains a 9 page list of components found in drilling fluids in Appendix 8 under the title:  
*“Detailed health hazard information on drilling fluid components”*

A close reading of this material reveals an extraordinary number of highly toxic pollutants which can eventually find there way into the water columns, the wetlands, the estuaries, and onto the beaches, etc.

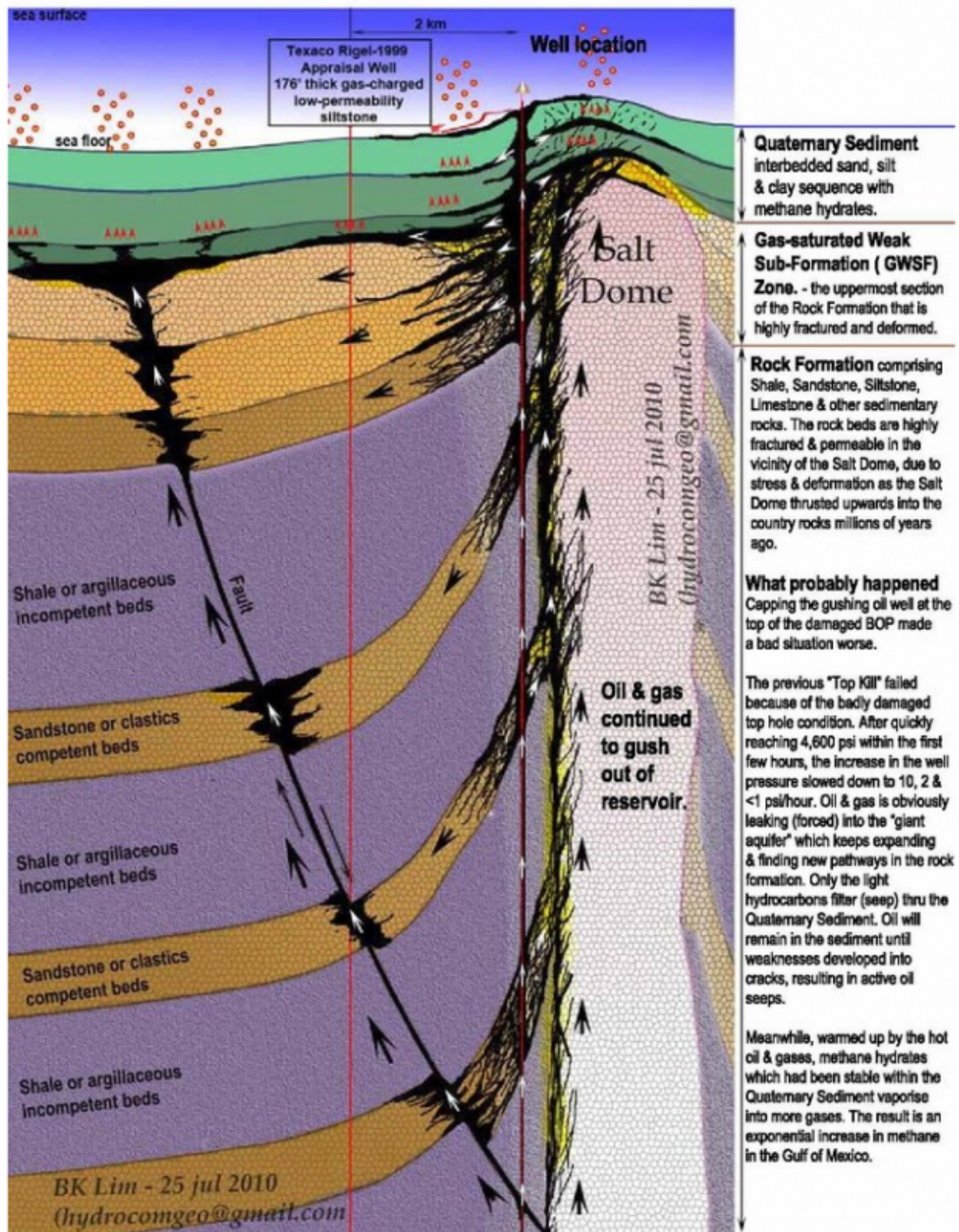


## Decades of High Intensity Oil Drilling Operations Have Created A Toxic GOM Environment

The sheer number of oil wells drilled throughout the GOM since the early 1930s is quite staggering. Each of those wells is either active or inactive. With each well that is drilled, there are opportunities for hydrocarbon effluent to escape into the GOM. After wells are capped there are also many situations that can, and do, develop whereby a bad well can allow for a steady leak of hydrocarbon effluent into the GOM.



Fig 1h After capping blown out well at top of BOP.



The BP Gulf Oil Spill demonstrated how a blown well can present a predicament that simply cannot be fixed (See preceding diagram). Depending on just how large an oil reserve has been drilled into, [hydrocarbon effluent](#) can leak into the Gulf of Mexico into perpetuity. There is also the ever-present risk associated with all capped wells leaking. These are also subjected to undersea earthquakes and other seismic activity, undersea volcanoes and mud volcanoes, as well as hydrothermal vents and other fissures which can open up anywhere at any time.

The preceding discussion provides only a glimpse into some of the various co-factors which are responsible for contributing considerable amounts of pollution to the total toxic load borne by the Gulf of Mexico every day ... of every week ... of every year ... over many decades. Because of the inordinate political pressures operating at the federal level to make the USA completely energy independent, the push to “*drill, drill and drill more*” has only increased.

[U.S. Agrees to Allow BP Back Into Gulf Waters to Seek Oil - NYTimes.com](#)

Event the Atlantic Seaboard is being opened to oil and gas exploration so powerful is the *Oil & Gas Industry* lobby in DC.

[Obama opens Eastern Seaboard to oil exploration - US News](#)

*What's it all mean?*

It means many things to those who live, work and play along the GOM coastline. Because of the speed of deterioration of the environmental profile of the Gulf, fishing in the waters, swimming in the bayous, sunning on the beaches is no longer what it used to be. The proliferation of pollution via so many vectors of dissemination has increased the concentration of dangerous chemicals and other toxins so much that the GOM must be looked at through different lens, henceforth.



The State Of The *Bioterrain* Always Dictates The Most Likely Outcomes

In virtually every article that has been published in the mainstream media over the past decade about the many deaths and serious illnesses that have been directly linked to the GOM, there is often a qualification about the individual who died or who became seriously ill or diseased. Deliberate reference is made to the strength (or lack thereof) of the immune



systems of those who passed or took ill. This leaves the reader with the false impression that only those with weakened immune systems are vulnerable to pathogenic micro-organisms like [\*Vibrio vulnificus\*](#).

While it's true that a fisherman who is immuno-compromised is more susceptible to serious infection should he enter the waters with open wounds, it is also true that any individual with open wounds or sores can be easily infected by [\*Vibrio\*](#). Because the concentrations of various chemicals and contaminants in various regions of the GOM is at an all time high, the human body is only so equipped to efficiently process them. Therefore, the bioterrain of any person will be affected, no matter how strong their constitution is. Or, how clean their *bioterrain* is. Or, how efficiently their immune system is functioning.

What is being proposed here is that the more resonance that occurs between the human body and the GOM body of water during swimming, fishing, snorkeling, and boating activities, the greater the likelihood of adverse health consequences. For those oyster fisherman, who also eat raw oysters, the risks increase exponentially. Especially those whose *bioterrains* have been degraded through an unhealthy lifestyle, there will be more and more serious medical repercussions from imprudent and/or ill-advised activity in the GOM.



Mississippi fisherman loses arm to *Vibrio* flesh-eating bacteria in the Gulf of Mexico

Soaring *Vibrio Vulnificus* Infections Reveal The Degree Of Resonance Between The GOM

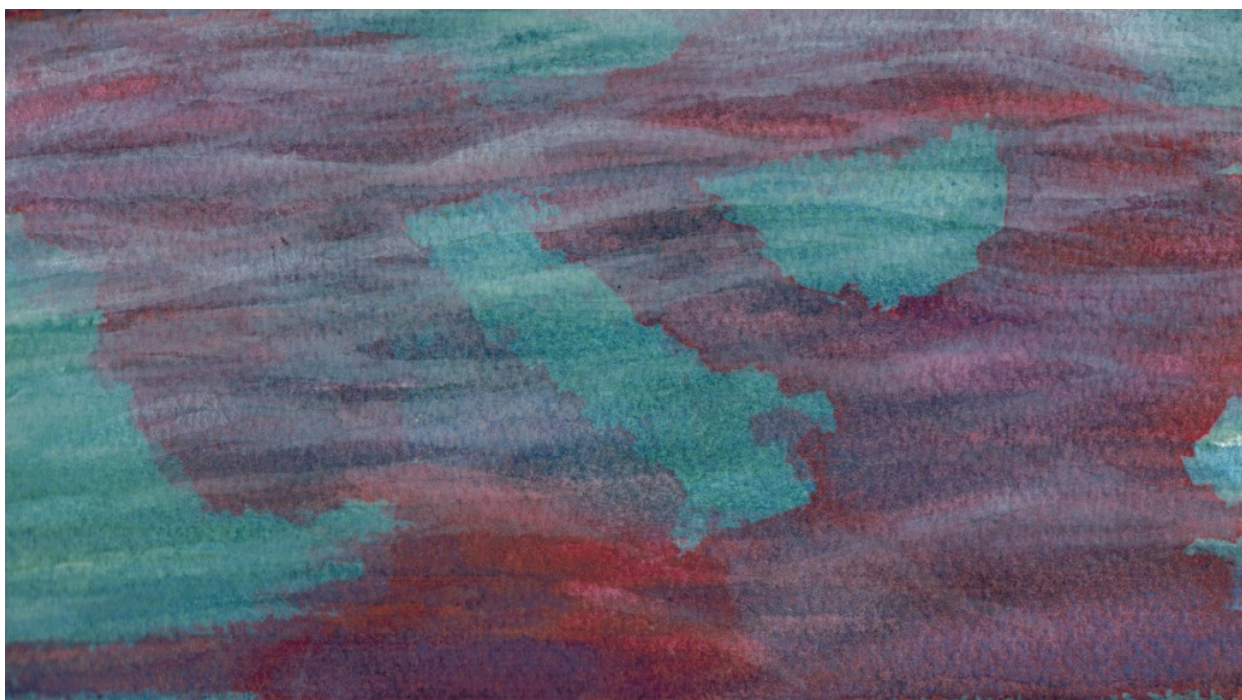
## Body Of Water And The Human Body

The spate of articles over the past few years regarding the [flesh-eating bacteria](#) incidents coming out of the GOM clearly indicate an evolving predicament which no one in government — federal, state, or local — or from industry, want to address in any meaningful way. When people are regularly getting sick — VERY SICK — to the point of dying from [Vibrio vulnificus infections](#), it does not reflect well on the various branches of government which are responsible for ensuring public safety and addressing serious public health concerns.

### [Flesh-eating Vibrio bacteria at seasonal peak in South Mississippi waters](#)

Likewise, the many businesses and industries which rely on the GOM are no longer inclined to trumpet serious health alerts, such as the rising incidence of *Vibrio* infections. Simply put, it's bad for business. Whether you're a fisherman or boat manufacturer, hotel owner or tour boat operator, a sick Gulf of Mexico does not look good on the front pages of the newspapers. This is especially true in the middle of the intractable recession that the Southeast economy has been stuck in since 2008.

The same is true for the homeowners and commercial property developers, particularly the wealthy, whose mansions dot the coastline from the Florida Keys to the southeastern coastline of Texas. They simply don't want to hear that there are tar balls washing up on their secluded beaches, especially when those tar balls contain high numbers of [Vibrio vulnificus](#). Or, that red tide is showing up off their coasts. Schools of dead fish, or dead dolphins, or dead whales washing up on their sandy shores are also an extremely undesirable image. Especially when property values can plummet were the true condition of the waters to be publicized.



Not Only Pathogenic Bacteria Like *Vibrio*, [Red Tide](#) Also Proliferates In Polluted GOM

*Vibrio* is only one of numerous pathogenic micro-organisms which will proliferate in such a conducive environment as the GOM. There are many others, such as *Alexandrium fundyense* (the algae that causes *Red tide*), which also seek out an imbalanced aquatic



environment in which to thrive. Over time there is expected to be a steady rise in the incidence of these and other water borne pathogens and ailments which originate in a degraded GOM.

*Red tide* has been visiting the Gulf Coast for many years now, except that the outbreaks have become increasingly more severe and affecting larger areas. Emergency room visits have seen a marked increase during full blown *Red tide* blooms. So have schools of fish and manatees and other marine life seen a considerable uptick in their mass killings by *Red tide*. The released toxins during a *Red tide* event are especially deadly to many kinds of fish.

[Red Tide blamed for large fish kill in northeast Gulf of Mexico](#)

[Florida sees record 803 manatee deaths; red tide blamed](#)

Here's what the NOAA (National Oceanic and Atmospheric Administration) has to say about *Red tide*, also known as harmful algal blooms, or HABs.

### **A "red tide" is a common term used for a harmful algal bloom**

Harmful algal blooms, or HABs, occur when colonies of algae—simple plants that live in the sea and freshwater—grow out of control while producing toxic or harmful effects on people, fish, shellfish, marine mammals, and birds. The human illnesses caused by HABs, though rare, can be debilitating or even fatal.

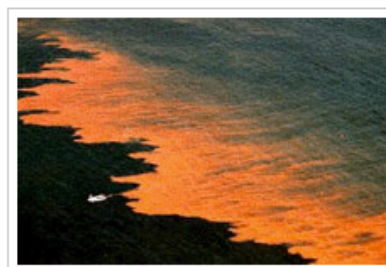
While many people call these blooms 'red tides,' scientists prefer the term harmful algal bloom. One of the best known HABs in the nation occurs nearly every summer along Florida's Gulf Coast. This bloom, like many HABs, is caused by microscopic algae that produce toxins that kill fish and make shellfish dangerous to eat. The toxins may also make the surrounding air difficult to breathe. As the name suggests, the bloom of algae often turns the water red.

HABs have been reported in every U.S. coastal state, and their occurrence may be on the rise. HABs are a national concern because they affect not only the health of people and marine ecosystems, but also the 'health' of local and regional economies.

But not all algal blooms are harmful. Most blooms, in fact, are beneficial because the tiny plants are food for animals in the ocean. In fact, they are the major source of energy that fuels the ocean food web.

A small percentage of algae, however, produce powerful toxins that can kill fish, shellfish, mammals, and birds, and may directly or indirectly cause illness in people. HABs also include blooms of non-toxic species that have harmful effects on marine ecosystems. For example, when masses of algae die and decompose, the decaying process can deplete oxygen in the water, causing the water to become so low in oxygen that animals either leave the area or die.

Scientists at the National Ocean Service have been monitoring and studying this phenomenon for a number of years to determine how to detect and forecast the location of the blooms. The goal is to give communities advance warnings so they can adequately plan for and deal with the adverse environmental and health effects associated with these 'red-tide' events.



Harmful algal blooms, or HABs, occur nearly every summer along the nation's coasts. Often, the blooms turn the water a deep red.

*The Gulf of Mexico has a bioterrain, too!*

What NOAA will not tell you about *Red tide* is that there are circumstances beyond certain environmental conditions which encourage this highly toxic algae to bloom. Just like the human *bioterrain*, when the intestinal flora becomes imbalanced, the opportunistic candida albicans fungus will colonize within the GI tract and overtake the eugenic bacteria required for proper digestion and absorption of nutrients. If allowed to persist without proper intervention, systemic candidiasis can result, which can ultimately give rise to a pre-cancerous condition in the various target organs and tissues weakened by the pathogenic, mutated candida.

Likewise, when the GOM's normal balance of both eugenic and pathogenic micro-organisms is thrown off, a similar set of circumstances can result. Dangerous invasions of flesh-eating bacteria, toxic algae blooms and other health-compromising, microscopic inhabitants will likewise proliferate. The more polluted the waters, the higher the frequency of their appearance, especially closer to shore because of the warmer waters which prevail there; where it's shallow, the sun reflects off the sea bottom and warms the waters.

Of course, this is exactly where much of the swimming, water sports, fishing and other GOM activities take place. The bayous and lagoons, bays and estuaries, wetlands and swamps often function as traps for much of the pollution which is systematically produced within and/or dumped into the GOM. Because the normal circulation of these areas can be significantly limited at times (such as when the [Loop Current](#) stalls), they create an opportunity for the many toxic chemicals, hydrocarbon contaminants, industrial pollutants, and poisonous dispersants to both aggregate and densify. In so doing, they eventually create an hospitable environment for pathogenic micro-organisms to propagate and flourish.

Nothing demonstrates this concept better than the existence of multiple dead zones throughout the GOM. The following map delineates only those dead zone areas south of the Mississippi River, which have been the site of intensive oil and gas drilling since the early 1930s. Were the entire Gulf of Mexico to be similarly mapped out, the resulting dead zones would be shown to be growing in both numbers and size, particularly over the past many years that deep sea oil drilling has been intensifying.

#### [Dead zone pollutant grows despite decades of work](#)



*Dead Zones in the Gulf of Mexico south of Louisiana coastline*

#### Radioactive Component Of Hydrocarbon Effluent and Refinement Process

The following excerpt provides a cursory explanation of the radioactive components associated with both the oil and gas extraction process in deep wells, as well as the oil and gas refinement process. This is the real untold story of the *Hydrocarbon Fuel Paradigm*, and

why it is so fatally flawed. If the community of nations properly responded to this weighty matter alone, they would have begun the process of systematically transitioning the world away from the *Hydrocarbon Fuel Paradigm*.

If the reader pays attention to nothing else in this essay, be advised that pervasive ionizing radiation disseminated by oil and gas extraction operations worldwide is the most critical issue that must be addressed. The very sustainability of life on Planet Earth depends upon it, especially the deeper the oil wells are drilled in desperation of finding the next motherlode of hydrocarbon reserves. As follows:

“The deeper the geological source of the hydrocarbons, the more radioactive isotopes present in the oil and gas.

That hydrocarbons pulled from the bowels of the earth have a scientifically verified radioactive component(s) is the dirty little secret of the Oil & Gas Industry. So secret in fact that, if it were to get out, this single scientific fact would seal the fate of the entire industry. It also undergirds the correct understanding that oil and gas are both abiotic in nature and abiogenic in origin – facts which cast a refreshing light on the notion of Peak Oil.

Yes, we have reached Peak Oil, but not because of the untenable Fossil Fuel Theory which has been known to be false by the Oil and Gas Industry since its inception. It has been asserted that the Macondo Prospect sits on a reservoir of abiotic oil the size of Mount Everest, one of the two largest batholiths with proven oil and gas mega-reserves in the GOM. However, that doesn’t make it economically feasible or technologically prudent to extract; nor is it smart to engage in such utter folly, as the sinking of the Deepwater Horizon dramatically demonstrated.

Mantle-generated hydrocarbons come from very young geological formations deep in the earth, and are the product of extremely powerful geo-thermal forces. The presence of radioactive isotopes such as uranium, thorium, radium show up in much greater concentrations the deeper the well bore is drilled into the earth’s crust, and are ubiquitous throughout the mantle. Therefore, the hydrocarbon constituents, which are actually found in the interstitial spaces, porous rock formations and quaternary sediments and are scattered everywhere because of their liquid and gaseous states, exist within and around this highly radioactive environment.

How radioactive is the hydrocarbon effluent upsurging from the wells in the GOM that are drilled at 12, 15, 18, 20, 25 or 30,000 feet through the crust and into the mantle? Here’s a link to the American Petroleum Institute website that will partially answer this question:

[Naturally Occurring Radioactive Material \(NORM\) in North American Oilfields](#)

Here’s another link to the U.S. Environmental Protection Agency website page entitled Radiation Protection that shows just how serious this matter has become from an environmental health standpoint.

[Oil and Gas Production Wastes](#) (Naturally-Occurring Radioactive Materials identified by the EPA)

Whenever there is a higher concentration of methane gas in the mix of oil/gas that comes out of any given well, it means that:

“The more methane that is present reflects the amount of Uranium and Thorium in the oil reserve. The deeper the oil, the younger the radiological decay is that produces helium.”

“Helium is a naturally occurring gas formed in oil reserves. So common that helium detectors have been used to discover oil reserves. Helium is an inert



gas known to be a by-product from the radiological decay of uranium and thorium. Uranium and Thorium are known to be in great quantities at greater depths. Yes, radioactive elements occur naturally and can be found and detected in smaller amounts in shallow oil reserves. Oil reserves that do not produce large amounts of methane also lack uranium and thorium. The presence of methane is proportional to the presence of uranium and thorium, both radioactive elements."

"The energy coming from uranium and thorium decay is thought to be the most significant energy source inside the earth," Tolich said. "So this is the driving engine for things such as tectonic plate movements, volcanoes and earthquake. We are looking for neutrinos, particularly electron antineutrinos ... coming from uranium and thorium decay inside the earth. The uranium and thorium is distributed all through the earth in the mantle." (Per "[URGENT: Radioactive Oil From BP Blowout](#)")

#### [Uranium, thorium neutrino research could determine Earth's age, energy production](#)

From our many discussions with those knowledgeable at the OSATF (Oil Spill Academic Task Force) in Tallahassee, FL, it became evident early on in the spill that the percentage of methane of the total hydrocarbon composition was quite high. Some observed that it appeared to very slowly decrease, yet remained high right up until the capping of the gusher. Hence, we know that this oil spill in the GOM has a very definite radioactive component which must be addressed."[1]



Oil rig fires like the Macondo explosion can disseminate airborne radioactive particles depending on the source of the hydrocarbons.

#### Conclusion:

The basic story is that the Gulf of Mexico is slowly dying. How and why it is dying is not a narrative the EPA, CDC, US Coast Guard or NIH is ever likely to publish. Taken to the next level of understanding, it becomes quite obvious that the predominant environmental profile of the geographic location in which we live will always be reflected by our own individual *bioterrain* (environmental profile). If an individual lives near Fukushima for any length of time, then radiation will show up in their body. If they work and play downwind from a biomass incinerator, those airborne contaminants will in time accumulate in his or her body.

Likewise, the GOM has its own environmental profile which affects all who live near it, work in or on it, as well as eat the catch from its waters. Even those who live at a distance can be affected by the GOM's chemical profile to the extent that the regional hydrological cycle brings moisture and chemicals (remember *Acid Rain*) from the GOM over their homes and businesses. The massive spraying of *Corexit* throughout the Gulf has only exacerbated this situation to the extent that such dispersants are still permitted to 'disappear' both new and old oil spills.

Although the first responsibility of government is to safeguard and protect the citizenry, this rarely happens in contemporary society. Because of the overwhelming power and influence that Corporate America now exerts at very level of government, corporate profits and income lines almost always trump human health concerns and environmental protection[2].

Similarly, the shareholders' interests, even when in a distant land, often take precedence over the welfare of the local communities which are deeply affected by environmentally-destructive corporate behavior.

In closing, it is indisputable that the Gulf of Mexico will continue to absorb a toxic burden well beyond its capacity to effectively process. As the dead zones enlarge and start to merge with each other, perhaps the people who depend on this great body of water will reach a breaking point. Only when there is a sufficient level of collective intolerance will the forces, and resources, become available to start taking back our Gulf. Then, we might return to a time when the GOM looked like this:



Submitted by:

[Gulf Oil Spill Remediation Cyber-Conference](#)

*International Citizens' Initiative*



July 27, 2014

Author's Note:

Of all the major co-factors contributing to the slow motion demise of the Gulf of Mexico, none is so easily removed from this progressively worsening scenario as the wanton and indiscriminate spraying of the dangerous dispersant Corexit. The continuing use of this noxious chemical has only made a bad situation much worse. In addition to sinking the oil that it is designed to disperse, Corexit converts the oil into a much more toxic form.

The oil dispersal process also micronizes the Corexit-laden byproduct so that it is impossible to see and very difficult to detect, making it resistant to the traditional methods of gathering the oil for other types of disposal. This "*out of sight, out of mind*" approach is an essential part of the *BP Advertising Campaign*[3] that appears on virtually every website on the internet, which is even remotely connected to the Gulf oil spill or the GOM. In this regard BP's actual response to their 2010 oil spill has been all *form* and very little substance, except the oily kind.



As a glaring testimony to this hapless reality, both BP and the EPA have been repeatedly made aware of a non-toxic, environmentally safe, cost-effective bioremediation agent known as [OSEII](#). This hydrocarbon remediation agent has been proven effective on a broad range of oil spills throughout the world and is fast replacing the dispersant class of treatments. Nations near and far have been outlawing the application of dispersants since the *BP Gulf Oil Spill* and now eagerly replacing it with bioremediation agents such as [OSEII](#).

That the EPA, NOAA, US Coast Guard, and the Department of Interior would permit the reflexive use of such a harmful dispersant like Corexit when far superior alternatives exist — which have been *NCP-listed* — defies common sense. It also violates the EPA's charter, most basic regulations and stated policies. Clearly, it is well past the time that EPA administrators ought to be held personally responsible for breaking the laws which govern the environmental protection of US territorial waters.

Lastly, the Gulf Oil Spill Remediation Cyber-Conference would ask each and every reader to watch the following video. This very impressive presentation provides an actual demonstration of OSEI being used to clean up some shoreline oil. The broad dissemination of such an effective use of a bioremediation agent, being successfully utilized by nations around the globe, might just compel the US Federal Government to reconsider their misguided and environmentally unsound oil spill response plan.

[youtube\_sc url= <https://www.youtube.com/watch?v=W2TuTfQNEDY&w=560&h=315%5D>

#### Notes

[1] [The Gulf of Mexico is Dying: A Special Report On The BP Gulf Oil Spill](#)

[2] [Environmental and Health Impacts of the BP Gulf Oil Spill](#)

[3] [The BP Gulf Oil Spill Info Blackout And Data Lockdown](#)

#### Resources:

[Drilling Fluids and Health Risk Management — a guide for drilling personnel, managers and health professionals in the oil and gas industry](#)

(See “Appendix 11: Potential health effects that may result from exposure to certain components of drilling fluids”)

[Change Oil Spill Response Now!](#)

#### References:

[The BP Gulf Oil Spill Continues To Sicken People Along The GOM](#)

[In-Depth: The Gulf Is Still Sick](#)

[BP oil spill dispersants still in environment](#)

[Warm Water Sparks Flesh-Eating Disease Warning in Florida](#)

[VIBRIO VULNIFICUS: Flesh-eating ocean bacteria hospitalizes 32, kills 10 in Florida](#)

[Flesh-eating Bacteria: Coastal Scourge \(Vibrio vulnificus\) is Lurking in the Estuaries](#)

[FWC News Release: Red tide causes large fish kill in northeast Gulf of Mexico](#)

[As Summer Officially Begins, A 1,250-Pound Tar Mat Discovered Off Florida Beach](#)

[Will Bacterial Plague Follow Crude Oil Spill Along Gulf Coast?](#)

[Deadly Bacteria Lurk in Deepwater Horizon Tar Balls](#)

[Woman loses leg after Gulf swim](#)

[Two Baldwin Co. Cases of Flesh Eating Bacteria](#)

[St. Johns River tests positive for flesh-eating bacteria](#)

[A bacteria that causes illnesses found in Indian River Lagoon](#)

[7 cases of flesh-eating bacteria reported so far this year in Miss.](#)

[Ocean Springs man dies from flesh eating bacteria](#)

The original source of this article is [Gulf Oil Spill Remediation Cyber-Conference](#)

Copyright © [Global Research News](#), [Gulf Oil Spill Remediation Cyber-Conference](#), 2014

---

**[Comment on Global Research Articles on our Facebook page](#)**

**[Become a Member of Global Research](#)**

Articles by: [Global Research](#)  
[News](#)

**Disclaimer:** The contents of this article are of sole responsibility of the author(s). The Centre for Research on Globalization will not be responsible for any inaccurate or incorrect statement in this article. The Centre of Research on Globalization grants permission to cross-post Global Research articles on community internet sites as long the source and copyright are acknowledged together with a hyperlink to the original Global Research article. For publication of Global Research articles in print or other forms including commercial internet sites, contact: [publications@globalresearch.ca](mailto:publications@globalresearch.ca)

[www.globalresearch.ca](http://www.globalresearch.ca) contains copyrighted material the use of which has not always been specifically authorized by the copyright owner. We are making such material available to our readers under the provisions of "fair use" in an effort to advance a better understanding of political, economic and social issues. The material on this site is distributed without profit to those who have expressed a prior interest in receiving it for research and educational purposes. If you wish to use copyrighted material for purposes other than "fair use" you must request permission from the copyright owner.

For media inquiries: [publications@globalresearch.ca](mailto:publications@globalresearch.ca)