

# **A Comparative Study of Environment and Terrorism As Environmental Terrorism: Security For The Environment From Terrorism**

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## **ABSTRACT**

*The study of Environmental law has become very necessary reason being the prevailing environment condition where the producers aims to maximize their profit despite of the society interest by exploiting and exploring the natural resources beyond its capacity, they have attributes of environmental terrorist. When we say danger to the environment, then the factors which affect the environment comes into the picture, which can be termed as the environmental issues. There are some environmental issues which is also an integral part of environmental terrorism. Those environmental issues are harmful effects of human activity on the biophysical environment for which we have a concept of environmentalism which is a social and environmental movement addresses environmental issues through advocacy, education and activism. Whereas by spreading awareness among people regarding the preservation of environment is being advocated and the education of which transmitted to the people by the activist for the protection of environment but we don't have to save the environment merely but most importantly we have to improve, maintain and secure the viability of the environment. The concept of the environmental terrorism is basically specifies the degradation of the environment and the environmentalism as a panacea.*

**Keywords:** Environment, Terrorism, Environmental Terrorism, Environment Protections, Terrorist, Terrorist Group.

## **INTRODUCTION**

Environment and Terrorism, these two terms altogether ignites a new concept of Environmental Terrorism. Environment hereby denotes, the "surrounding", in which all living, non-living creatures exist, and the terrorism signifies, an act of violence that causes fear, destruction, damages for the achievement of some specific goals on people and property. The concept of the environmental terrorism, postulates the degradation of the environment destroys by the terrorist, just like any other terrorist, the environmental terrorist causes demolition on so many level specifically grave damage to the environment. Therefore, the environmental terrorism is an act of violence, which is caused on the environment by the terrorist, which includes every individual who all damages the environment by their activity positive or negative, direct or indirect, for the attainment of their ultimate objective (predominantly Economic benefits). Just like the nationalist we take oath to protect one's nation in the same manner environmentalism attempts to protect the nature.

What we think of a terrorist? A brutal murderer that is what we are to the environment. We have same instinct, same function and the same execution too. We all are terrorists. Therefore, the environmental terrorism is nothing but a fact; we are causing terror on the environment by adapting and adopting various techniques, tools, devices and by various other means. The environment is under our terror, they can see everything, they can feel everything but they cannot do everything, they are the base, still they are treated as nothing, it has all the attributes of a human and they are facing the same difficulties as a human dealing with. We all are living in a terror specifically focusing on current state of humankind and so does the environment.

To get a clear picture first let's understand the terms Environment, Terrorism and Environmental terrorism separately:

## ENVIRONMENT

The concept of the environment for a quite long time has been hard to understand, as what exactly to be called as the environment and what does it includes and excludes, what all are the areas comes under the environment etc. all are the question which has not received satisfactory response.

In this regard, Stuart Bell & Donald McGillivray tried to define environment as:

“Its normal meaning relates to ‘surroundings’, but obviously that is a concept that is relative to whatever object it is which is surrounded. Used in that sense environmental law could include virtually anything;....However, ‘the environment’ has now taken on a rather more specific meaning, though still a very vague and general one, and may be treated as covering the physical surrounding that are common to all of us, including air, space, waters, land plants and wildlife.”<sup>1</sup>

Further, they added that, “The definition of ‘the environment’ is a central, but problematic, term in environmental law. It is generally considered to be a phrase that has no singular definition because it is a relational concept”.<sup>2</sup>

Precisely for the reasons above and connected nature of environment the **Stockholm Declaration**<sup>3</sup> which marks the beginning of modern understanding of environment law did not define the environment.

It reads: ‘Man is both creator and moulder of the environment, which gives him physical sustenance and afford him the opportunity for intellectual, moral, social and spiritual growth. In the long and tortuous evolution of the human race on this planet, a stage has been reached when, through the rapid acceleration of science and technology, man has acquitted the power to transform his environment in countless ways and on an unprecedented scale. Both aspects of man’s environment, the natural and man – made, are essential to his self being and to the enjoyment of basic human rights – even the right to life itself.’

That the terminology “Environment” still does not have any specific definition and its scope is wider than it seems. According to my viewpoint which may subject to object but we, Humans, Animals, Plants, Micro-Organisms etc. all are not only a part of the Environment but are the Environment.

**Terrorism-** The term "Terrorism" is derives from the French word *terrorisme*, which is again derived from derives from the Latin Verb that is *terrere* (e, *terreo*) which means "to frighten".<sup>4</sup> The term terrorism undoubtedly a very different concept which has its own complexity and cohesiveness but if we look into the philosophy behind the term terrorism, we see it is a kind of terror which is being imposed on the innocence for the hidden malicious gain.

In other words, the terrorism is a criminal act that influences an audience beyond the immediate victim. The strategy of terrorists is to commit acts of violence that harms the society in other words it is the use of violent acts to frighten the people in an area as a way of trying to achieve a goal and that goal can be anything.<sup>5</sup>

## ENVIRONMENTAL TERRORISM

Subsequently, considering the definition above, when we correlate the term environment and the terrorism, it signifies that the harm or the injury by act of violence, which is being cast on the environment, which yet again, degrading the environment through causing destruction, damages on the natural resources. Environmental Terrorism signifies that the harm or the injury by act of violence which is being cast on the

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<sup>1</sup> Stuart Bell & Donald McGillivray, *Environmental Law*, Oxford University Press, 2000, pp 3-4

<sup>2</sup> J. Berry, *Environment and Social Theory*, London: Routledge, 1999, pp 11-13

<sup>3</sup> The United Nations Conference on Environment and Development, 3-14 June, 1992, Rio De Janerio

<sup>4</sup> "terrorism, n.", Oxford English Dictionary (3rd ed.). Oxford University Press, September 2005.

<sup>5</sup> Bruce Hoffman, *Inside Terrorism*, Columbia University Press, New York, 1998 Inside Terrorism continues to be the definitive work on the history and future of global terrorism

environment which is degrading the environment by causing destruction, damages on the natural resources for their own benefit or for the economical goal.

Now let's redefine the definition of environment and Terrorism, the environment is basically the surrounding in which all living creatures exist and the one who regulates them all and the terrorism is an act of violence that causes fear, destruction, damages for the achievement of their goal. Now when we co- relate these to concept environment which is a positive term and the terrorism which is a negative term we see the dark side of the environment which we the terrorist has been created. More colloquially, the phrase is also used to label actions seen as the unnecessary or unjustified destruction of the environment for personal and/or corporate gain.<sup>1</sup> Some specific terms of Environmental Terrorism, consist these-

1. **Environment Terrorist-** is an attacker/polluter who by his/her activity creates inhuman environment condition, threats them, hostage them and kills them or harm them by any means unacceptable.
2. **Environment Terrorist Act-** any act done with the intention to cause harm to the environment.
3. **Environment Terrorist Attacks-** sometimes it's a mass attack just like burning the forest and sometimes it's small in nature just like cutting the tree.
4. **Environment Terrorist Group-** A group of people having one evil motive. They are trained to do so, they train others to do so, all have one mind-set.
5. **Environment Terrorist Organisation-** An organisation who aims to deploy, destroy, strategize the environment and makes unhealthy use of the same

To throw more insight into these, below is the akin attributes of an Environmental terrorist:

| <b>Terrorist</b>                                                                                                  | <b>Attacker/Polluter</b>                                                                                                                                                                           |
|-------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 1. A person, usually a member of a group, who uses or advocates terrorism.                                        | 1. A person who is a member of a group whose practice causes pollution either directly and indirectly.                                                                                             |
| 2. A person who terrorizes or frightens others.                                                                   | 2. A person who pollutes, contaminates, damage the environment.                                                                                                                                    |
| 3. A member of a political group aims to spread terror for their hidden gain.                                     | 3. A member of an Economic group aims to pollute for their corporate, fiscal or financial gain or sometimes for another purpose.                                                                   |
| 4. An agent or partisan who terrorize people by harming them physically, mentally, economically. Politically etc. | 4. An agent or partisan who exploits the natural resources by various means just like by burning down the forest, by contaminating the water, cutting of the tress, emission of harmful gases etc. |
| 5. Of relating to or having the characteristic of terrorism or terrorists:terrorist tactics. <sup>2</sup>         | 5. Of relating to, or characteristic of pollution or polluter: polluter tactics.                                                                                                                   |

<sup>1</sup>Alpas, Hami (2011). Environmental Security and Eco-terrorism.

<sup>2</sup> <http://dictionary.reference.com/browse/terrorist>

| Terrorist Attacks                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | Polluter Attacks                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <ol style="list-style-type: none"> <li>1. A surprise attack involving the deliberate use of violence against civilians in the hope of attaining political or religious aims.<sup>1</sup></li> <li>2. The calculated use of ferocity to harm the people or some group of people.<sup>2</sup></li> <li>3. It is to be done through Intimidation or coercion or instilling fear.<sup>3</sup></li> <li>4. Example: Chamber of Deputies bombing: Dec. 9 in 1893, Saint Nedelya Church assault: April 16, 1925, Air India Flight 182: June 23, 1985 etc.</li> </ol> | <ol style="list-style-type: none"> <li>1. An unsurprising attack involving the deliberate use of violence against nature in the hope of attaining corporate or economic gain.</li> <li>2. The calculated usage of ferocity resources including natural resources.</li> <li>3. It is to be done through exploration or exploitation or by doing harmful activity.</li> <li>4. Examples: The London's Killer Fog in 1952, The Seveso Disaster in 1976, Union Carbide Cyanide Gas Leak, Bhopal, India 1984 etc.<sup>5</sup></li> </ol> |

Some people muddled the idea of **Environmental terrorism** and **Ecological Terrorism**.<sup>6</sup> The Foreign Bureau of Investigation defines **eco-terrorism** as the use or threatened use of violence of a criminal nature against innocent victims or property by an environmentally oriented, subnational group for environmental-political reasons, or aimed at an audience beyond the target, often of a symbolic nature<sup>7</sup>. The whole concept is different, Environmental terrorist is the other picture of eco-terrorism. The solution of which is Eco-terrorism but not always, having said this, the eco-terrorism shouldn't be used a weapon or for illegal means, it should be used as a shield to the environmental terrorism as counter-environment-attack by the environmentalists.

The health of environment and the wealth of natural resources go hand in hand, the study of environmental terrorism shall be keenly observed while focusing on the sustainability of the environment and the harm or the damage that is being caused on the environment. When the question of protection arises, the term sustainable development comes into the picture whereby the preservation of the environment is necessary to deal with the environment terrorist.

The environmental health and wealth are the integral part of our lives and we should all stand up for the environmental terrorist: just like the ARMY and all other arm forces which stands against the terrorist, that not only guard us but also keeps us alive, in a same manner we all can serve the environment by being a Green-army, creating a Green-Army consist of environmentalists and by following a Green-Army.

## BACKGROUND

The term Environmental Terrorism mostly misconstrued and has not been properly tapped or recognized until now but that doesn't means that the term hadn't been ever called upon in the history. Below is the evidence of historical study on Environmental Terrorism by authors, who have realized the essential of the term Environmental Terrorism and had done an intensive research on the same.

<sup>1</sup> <https://www.vocabulary.com/dictionary/terrorist%20attack>

<sup>2</sup> <http://www.thefreedictionary.com/terrorist+attack>

<sup>3</sup> <http://www.webster-dictionary.org/definition/terrorist%20act>

<sup>4</sup> [https://www.realclearhistory.com/articles/2018/07/05/top\\_10\\_terrorist\\_attacks\\_in\\_history\\_332.html](https://www.realclearhistory.com/articles/2018/07/05/top_10_terrorist_attacks_in_history_332.html)

<sup>5</sup> <https://www.conserve-energy-future.com/worst-environmental-disasters-caused-by-humans.php>

<sup>6</sup> [https://web.archive.org/web/20070713022700/http://www.pacinst.org/reports/environment\\_and\\_terrorism/environmental\\_terrorism\\_final.pdf](https://web.archive.org/web/20070713022700/http://www.pacinst.org/reports/environment_and_terrorism/environmental_terrorism_final.pdf)

<sup>7</sup> <https://www.fbi.gov/news/testimony/the-threat-of-eco-terrorism>

As the historical phenomenon that has been explained by the author “**Y Lieutenant Colonel James A. Walter**” United States Army in his studies of Environmental Terrorism in 1992,<sup>1</sup> as- The manipulation of the environment during conflict has been tried for centuries with varying degrees of success. Besiegers catapulted plague infected bodies over the walls of Kaffa during a 14th Century siege. In 1938, the Chinese dynamited the Huayuankow dike on the Yellow River to flood the lowlands, halting the Japanese Army. The United States seeded clouds in an attempt to produce excessive rains and disrupt enemy activities in Southeast Asia during the Viet Nam War. These examples of environmental manipulation were conducted within the limits of the existing laws of land warfare, as interpreted by the employing belligerent at the time. Today, international agreements better protect the environment against damage via warfare or modification through hostile means.

He further stated that, the notion of preventing the hostile environment ignited back in 1907. Article 55 of the Hague Convention IV, Respecting the Laws and Customs of War on Land, states: "The occupying state shall be regarded only as administrator and usufructuary of public buildings, real estate, forests, and agricultural estates belonging to the hostile State, and situated in the occupied Country. It must safeguard the capital of these properties, and administer them in accordance with the rules of usufruct."<sup>2</sup> A more recent convention, which is more specific and reflects an evolving international concern for the environment, is the 1977 Protocol I Additional to the 1949 Geneva Conventions. This protocol prohibits states from employing "methods or means of warfare which are intended, or may be expected, to cause: widespread, long-term and severe damage to the natural. Environment. This protocol came on the heels of widespread U.S. use of herbicides, land clearing operations and cloud seeding in Southeast Asia during the Viet Nam War. In 1982, the U.N. General Assembly passed the World Charter for Nature which secures nature against degradation through war or other hostile means. It passed by a vote of 118 to 1; the United States was the sole dissenter.

The body of international law adequately addresses deliberate hostile attacks against the environment. The weakness in these laws is the caveat that the destruction of the environment is permissible where "such destruction is rendered absolutely necessary by military operations." Despite the obvious intent of preventing hostile manipulation or destruction of the environment, the rub is trying an environmental terrorist using these laws of the conduct of war.

The author **Daniel**, in his journal in 1998<sup>3</sup> has written that, the term 'environmental terrorism' (or 'ecological terrorism') has found its way North American politics, media, and academia. When is it appropriate to call environmental destruction 'environmental terrorism'? To date, the term 'environmental terrorism' has been misused by North American politicians, media, and academics alike. In his article, he has provided a taxonomy that distinct the concept and systematically discern the types of environmental destruction that can legitimately be labelled 'terrorism' and those that can be labelled 'environmental terrorism'.

Further, stated by the author that Environmental destruction or the threat thereof can be labelled 'terrorism' when: the act or threat breaches national and/or international laws governing the disruption of the environment during peacetime or wartime; and the act or threat exhibits the fundamental characteristics of terrorism (i.e. the act or threat of violence has specific objectives, and the violence is aimed at a symbolic target).<sup>4</sup>

Therefore according to author,<sup>5</sup> An act of environmental destruction can be termed 'environmental terrorism' only when the two latter criteria are met, and when the environment is used by the perpetrator as an authentic symbol that in stills fear in the larger population over the ecological consequences of the act.<sup>1</sup>

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<sup>1</sup><https://apps.dtic.mil/dtic/tr/fulltext/u2/a249428.pdf>

<sup>2</sup><https://ihl-databases.icrc.org/ihl/WebART/195-200065>

<sup>3</sup> *ibid*

<sup>4</sup>[https://www.jstor.org/stable/425754?seq=1#page\\_scan\\_tab\\_contents](https://www.jstor.org/stable/425754?seq=1#page_scan_tab_contents)

<sup>5</sup> *idid*

The term environmental terrorism has always been misunderstood as 'ecological terrorism' whereby the concept of environment terrorism is from the perspective of environment or through the eyes of Environment and the concept of ecological terrorism is from the perspective of environmentalist. The concept of environmental terrorism till today remains an ambiguous one.

However author **Elizabeth L. Chalecki** in his paper - "A New Vigilance: Identifying and Reducing the Risks of Environmental Terrorism" in 2001,<sup>2</sup> has defined Environmental Terrorism as "environmental terrorism can be defined as the unlawful use of force against in situ environmental resources so as to deprive populations of their benefit(s) and/or destroy other property" and such shall not to be confused with eco-terrorism as the term eco-terrorism is the violent destruction of property perpetrated by the radical fringes of environmental groups in the name of saving the environment from further human encroachment and destruction.<sup>3</sup>

All the authors in the past has given a different dimension to the word environmental terrorism and has made an rigorous work in explaining the actual notion behind the term and the concept itself has been evolved throughout the years but never given any importance. This article too is an attempt to draw the attention towards the Environmental Terrorism.

## **KINDS OF ENVIRONMENTAL TERRORISM & TERROR**

### **1. State Environmental Terrorism**

State Environmental terrorism is the efficient use of terror by a government in order to control its population and grove its economy, it constantly fixated on the economic gain. Not to be confused with State Sponsored Terrorism, where states sponsor terrorist groups such as corporate authorities to come with new idea and plans for the industrialization and urbanization, state terrorism is entirely carried out by the group holding power in a country and not a nongovernmental organization. Thus, State Environment is an umbrella underneath which State Sponsored Terrorism hail from.

### **2. Eco-Terrorism**

For the very first time, "Ron Arnold" first presented the term "ecoterrorism". In the period 1983, in one of his articles, He familiarized the concept of ecoterrorism, whereas it was demarcated as "a crime committed to save nature" (Joose 2012). The term became a household name in the 90's with the increased activity of groups like Earth Liberation Front (ELF).

In addition to this, in the year 2003 the Federal Bureau of Investigation (FBI) stated the "ecoterrorism" as "the use or threatened use of violence of a criminal nature against people or property by an environmentally oriented, subnational group for environmental-political reasons" (Buell 2009). Nonetheless, in the majority of cases, the term "ecoterrorism" is used when referring to the criminal actions of environmental activists. In 2012, the FBI stated that ecoterrorist activists perpetrated more "terrorist" actions on U.S. soil than all other associated groups. (Carson, LaFree, & Dugan 2012) These actions have led to around "300 million dollars in property damage" between 2003 and 2008 (Baldwin 2008).<sup>4</sup>

Provided that, the ecoterrorism if done by way of counterterrorism, there is no harm in that but the environmentalist should pledge that they will protect the environment without impairing humans, animals or any other living beings. In addition, proper cause and rationale behind any vicious action must be justified to the concerned for any kind of destruction against the Environmental terrorist if made. To benefit oneself,

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<sup>1</sup><https://www.prio.org/Publications/Publication/?x=1366>

<sup>2</sup>[https://web.archive.org/web/20070713022700/http://www.pacinst.org/reports/environment\\_and\\_terrorism/environmental\\_terrorism\\_final.pdf](https://web.archive.org/web/20070713022700/http://www.pacinst.org/reports/environment_and_terrorism/environmental_terrorism_final.pdf)

<sup>3</sup>[http://www.pacinst.org/reports/environment\\_and\\_terrorism/environmental\\_terrorism\\_final.pdf](http://www.pacinst.org/reports/environment_and_terrorism/environmental_terrorism_final.pdf)

<sup>4</sup> <http://web.colby.edu/social-movements/eg-history-eco-terrorism/>

abolishing any kind of property of others for the purpose of fiscal gain or any other whatsoever, doesn't amounts to Counterterrorism instead the environmentalist becomes the Environmental Terrorist.

### 3. Nuclear Environmental Terrorism

Any missile, rocket, Bullets, Guns etc. all disparaging tools and devices formulate the part of the Nuclear Environmental Terrorism. Considering this, these all activities related to atomic energies, scatter radioactive materials, non-disposable substance etc. and their usage, business, supply, discovery, alteration and invention incorporates great danger to the environment. Redundant use of these substance and dynamisms in a long run is heading for unembellished harm, some we have been witnessed and perhaps we might see it in future too.

### 4. Bio Environmental Terrorism

In the era, where zilch is untainted every single material is find with innumerable filters, composition or adulteration, due to which health issues are increasing day by day. Bio-Terrorism is the most dangerous kind of the Environmental Terrorism for instance a used injection can destroy you if you use it for a second time. It has various aspects by which one can easily lose our lives, then what about the environment?

We can still discover the cure but who will do the same to the impaired environment, can we place back all the leaves to the tree if any dangerous liquid was splashed in the forestland. Non-proper usage and disposal may cause bacteria, infections, microscopic organisms, poisons, which eventually originates greater harm to the environment.

### 5. Religious Environmental Terrorism

Commencing from Nuisance to Noise Pollution, (in the name of God), we all have been a spectator to many stances and it happens quite often too. What is there to say on this because some of us are blind, blind enough to thinks that any riot, contest, difference etc. or wasting food, materials or any other means in this regard for god is no worship. The God doesn't want us to damage the nature created, nurtured by God himself.

Nevertheless, to procure our so called- sentiment, respect for religion, fear of judgement day or whatever the reason maybe, we never think about the environment, not even for a single second, all we want to burn the city down, kill people, destroy property by all means, spreading smoke everywhere and by several other means. Religious Environmental Terrorism is a prodigious issue altogether, on which one cannot comment because we do not want to be ruin just like the Environment.

### 6. Pathological Environmental terrorism

This is a little complex and fashionable concept of Environmental Terrorism. Pathological Environmental terrorism occurs, when an individual make or do any act which affects the environment, not at large but to some extent and such activity arises or created by them for the sake of their enjoyment. Such activities are often established with lack of motive and the awareness of the consequence, however sometimes they are very much aware of the outcome but stagnant do it. Taken the example of a young person, fond of any celebrity, they several times attempts to imitate them by throwing the plastic bottles in the air, wasting water for hosting rain parties, by smoking stylishly in the public area and by various other means and tactics, whichever gives them the pleasure.

### 7. Cause orientated Environmental terrorism

To support the Environment sustainability and to spread the awareness among the people regarding the condition of the Environment such as, usage of resources, precautions to be taken while dealing with medical waste, strategies of use and care of some environmental effective product etc. To support these causes, use of banners, papers, hoardings, fliers etc. and for the same cause to spread awareness among the society, gathering of the individuals on one spot, serving them water in a plastic bottles, giving them unnecessary papers to make them aware about their right and duties, doing campaigning by visiting villages, cities by using various transportation etc. If we want to fight for the cause, we must ensure that we all are on the same page and doing the least harm one can make.

## 8. Separatist Environmental terrorism

Separatist Environmental Terrorist hereby means act of human, an individual's basic tendencies of focusing on their necessities without caring about the environment, its state or destruction. The most vivid example is not constructing a proper sewage system, not willing to build proper loo and bathroom, due to illiteracy, lack of place, poverty or sometimes even to save cost for example use plastic to save the cost of jute bag or any other, non-plastic bags, to flaunt or to showcase their wealth, use of leathers and feather etc. Therefore a fundamental inclination towards general stuff including not disposing off the garbage, either throw them unattended or burn them, wastage of paper, erosion of soil etc. many more reasons are there to harm the Environment, which again varies from one individual to another.

## 9. Green Terrorism

One of the other kinds is "**Green Terrorism**" the term is quite in fashion these days. That depicts, when producers or the corporate people does not get the clearance as per the Environment impact assessment rule, so they use the term the green terror. Although, as per my viewpoint, people take the word green terror in other way around, don't you think that when we are at the verge where the whole environment is collapsing, bit by bit, we are going to encounter a huge problem with our survival on earth. So the green terror should be the terror that one is imposing on the environment not the other way around.

## TERRORISTS BEHAVIOUR& ATTACKS

The terrorist behaviours are as follow:

### 1. Psychological

The common cognizance of the human beings with regard to practice, trend, culture, class depends on their thinking. It varies based on different factors such as behaviour, observation, like, dislike, enmity etc. Individual's psychology sometimes effects the behaviour and some time it's the other way around. Let's take an instance, mound of trash lying on the road, if one person is throwing the garbage on that spot, the other person follows it and do the same some might not but the number of protectors are less in numbers than the attackers. The psychology plays a vital role in the process of any terrorism.

### 2. Forced

Forced or Coercive behaviour meaning hereby is that, at times intention to injure is absent but the act itself makes the harm, lack of evil motive doesn't justifies the act until and unless due care is taken or if one can defends the act. All sectors including but not limited educational institution, corporate, economic etc. these all requires lot of paper work and maintaining the file for the same. Thus, sometimes intentions are not to hurt the environment but they do say because they are bound by it. However such acts are not justified when there are wastage of paper for no reason, therefore in such situations we all should try to eliminate the risk involved by storing the data in E-form through clouds, or use of shredder (so that waste papers can be further utilized through different means) or by using any other novel technology.

### 3. Deliberate

It is a most popular kinds of behaviour, whereby the person possess the knowledge about the harm, knows the consequences of their act, still do it, could be for useful or un-useful purposes. As long as it occurred out of helpfulness it is still reasonable but for un-usefulness the act is not acceptable at all.

### 4. Vigorous

In this phenomenon, the act done by the Attackers/ Polluter is irrational, it has some colour of Psychological factors. Whereby the attacker without blinking makes such moves which damage the environment at small level or at large depends on the act done by the attacker. Writing something to improve one speech one after one, rigorously is one of the examples of vigorous behaviour.

### 5. Spiritual

Beliefs, hopes, faith in God and to show it one use various tactics, for which we all are equally responsible for. Sometimes one retains the knowledge of consequences, sometimes not aware of but we still do it. Noise pollution is the most vibrant and solid example of spiritual behaviour which terrorize the environment.

## CONCEPT OF ENVIRONMENTALISM AS COUNTERTERRORISM

Strategies, tactics, plan, idea etc. can be used to prevent one or other from the terror caused by the terrorist, concept of counterterrorism arises and to procure viability of the environment the concept of environmentalism comes into the picture. Environmentalism too can have the same traits of counterterrorism as:

**Counterterrorism** also called as Anti-Terrorism, which denotes and incorporate the exercise, strategy, policy, schemes, tools and techniques to protect and to fight against the terrorism. These could be created, implemented, changed based on the circumstances. Therefore, whenever there is a terrorist attack/s or threat/s, which has happened, which are about to happen, to prevent from such dangers, counterterrorism emerges. In general any response to the terrorism and to prevent terrorism the counterterrorism is being used.<sup>1</sup>

**Environmentalism** is an approach to balance out people attempt or effort to care more about the planet and the long-standing survival of life on Earth. It means recognizing the planet's environmental complications and on the agenda to protect and secure the environment with resolutions (independently and collectively).<sup>2</sup> The term environmentalist prevents the unwanted factors and deal with the consequences of the Environmental terrorists. It's not only shield the environment but also provides the remedies for its sustainability and sometimes adopts appropriate measures to deal with the past, present and future damages.<sup>3</sup>

**Resemblance of Environmentalism and Counterterrorism** - As the environmentalism is all about protecting the natural environment from the human activities by responding systematically and individually, simultaneously the aspects of the counterterrorism supports the same ideology. There are two aspects of counterterrorism and environmentalism relatively, are as follows:

1. Firstly, Counterterrorism is to make secure the citizens terrorist threats through screening of airline passengers, placing video cameras and metal detectors in public places, random patrols of bomb-sniffing dogs, etc. The functions of environmentalist somewhat is the same they intended and required to keep an eye on the current state of the environment, especially in the field of mining, factories or construction of corporate entities.
2. Secondly, Counterterrorism is neutralization of terrorists through arrests, prosecutions, assassinations, raids on terrorist facilities, military action, etc. the Environmentalist puts and stoppage to the construction of any such building, factories, or any such activities, facilities which is going to harm the environment at large by Environmental Terrorist<sup>4</sup>

Whereas to protect the communities from the threat of terrorism is the utmost important thing and for that, to deal and to overcome its overall effects counter-terrorism comes into the picture, it has the same attributes of Environmentalism the planning, preparedness and response to the Environmental terrorism is the Environmentalism, which is really important.

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<sup>1</sup> <http://usforeignpolicy.about.com/od/defense/a/what-is-counterterrorism.htm>

<sup>2</sup> <http://www.explainthatstuff.com/introduction-to-environmentalism.html>

<sup>3</sup> Ramachandra Guha. *Environmentalism: A Global History*, Longman, 1999 1<sup>st</sup> Edition- book *Environmentalism: A Global History* is the first genuinely global history of environmentalism. Written by one of the foremost thinkers on ecological issues relating to South Africa, Guha has become one of the more provocative and perceptive commentators on environmentalism in its cross-cultural and global dimensions. Students will find this new text to be a lively and engaging study of ideas and debates that are central to our lives in the twentieth-first century.

<sup>4</sup> <http://usforeignpolicy.about.com/od/defense/a/what-is-counterterrorism.htm>

## ENVIRONMENTAL JUSTICE & REMEDIES

### Environmental Justice against

**1. Environmental Racism**-It is basically refer as the Environmental Discrimination. This is a state where the violation of environment's right is being disrupted due to their incapacity. These occurs, when there's a waste land in the outskirts, which has become dumping zone from a very long time and then there's a land full of greenery somewhere in the city, so now most of the people would go for the one which has greenery specially in the developed area instead of cleaning the dump out and make the land active, people in general would chose the less hectic one.

**2. Environmental Patrol Check**- Random patrols to check, which area is very unhealthy and unclean and whoever creates the pollution or terrorize the environment shall be punishable and will be held to be arrested on the ground of creating environmental injury.

**3. Environmental Return** – The entire focus these days has reined onto; halt the construction of the building, obstruct the usage of green-land by corporate entities and gain substantial money from the high-fi organisations in the name of clean-up cost, precautionary cost, damage cost etc. claiming to protect the environment but that has never been the core requirement of the environment. Use of various tools and techniques to enhance, upgrade, maintain the environment is the integral part at utmost responsibility, impliedly imposed on everyone. Instead of asking entities to discontinue the construction on that area, request/order them to build their building but with certain amount of environmental returns, such as they have to maintain a compulsory porch/terrace garden, has to ensure proper utilization of extra or waste food of the organisation and their disposal. For environment growth, ask them to organise CSR specifically based on environment education awareness, give them a project (optional) to introduced advance ideas to combat with the environment poverty etc. these tactics can be used by balancing the economy and at the same time augmenting the environment.

### Remedies

**1. EMS**- an **Environmental Management System (EMS)** is a set of processes and practices that enable an organization to reduce its environmental impacts and increase its operating efficiency.<sup>1</sup> An Environmental Management System (EMS) is a framework that benefits an organization to achieve its environmental objectives. It requires time-to-time review, analyses evaluation, and improvement of its environmental performance. The assumption is that this consistent review and evaluation will identify opportunities for improving and implementing the environmental performance of the organization.

The EMS itself does not dictate a level of environmental performance that must be achieved;<sup>2</sup> it is on the organisations to ensure their commitment towards the environment as they have towards their fiscal profit. **Compliance** – To safeguard the **EMS**, these gears can be adopted:

- **Environment Monitoring:** Applying the doctrine of check and balance, so that consistency can be maintained, not just to satisfy the government authority also to show their commitment towards the environmentalism.
  - **Environment Surgical Strike:** Wherever/whenever, there's an evidence that a great harm is about to occur or has occurred (if justified) then the specified/concerned authorities should take the case in their hands and could go for Environment surgical strike.
- 2. Urban Greening/Forestry**- It is the most suitable example of balance between economic development and environment development. Urban Forestry refers to handing over great consideration that is urban and peri-urban woody and non-woody vegetation and its utilization, arrangement, outline, foundation, maintenance and administration. Very basic example of Urban greening is the divider on the road on which the government plant trees, grass etc. Urban Forestry and Urban Greening focuses on:

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<sup>1</sup><https://www.epa.gov/ems>

<sup>2</sup><https://www.epa.gov/ems/learn-about-environmental-management-systems#what-is-an-EMS>

- **Equal Treatment:** All tree-overwhelmed (as joint together in the urban timberland) and treated as same meaning hereby they get proper air, water, sunshine, for some proper shadow, pesticides etc.
- **Development:** of other green assets in and around urban ranges, for example, forests, open and private urban stops and gardens in shopping mall, terrace garden in the complex, urban nature regions enrichment such as road tree, square manors, herbal greenery enclosures and graveyards.
- 3. **Green Ethics and Green Technology** - Just like any other etiquette one follows in a daily life as personal ethics, social ethics, religious ethics, business ethics, it has been bifurcated based on the behaviour one adopts or adapts, when surrounded by the relevant dynamic. In the same manner, one can possess Green ethics too. It is nothing but an ethical behaviour of an individual towards the environment. Such behaviour includes usage of Environmental technology (envirotech), green technology (greentech) or clean technology (cleantech).<sup>1</sup> Green ethics, meaning hereby is an environmental checking and green-electronic gadgets to screen the action, activity and preserve the natural habitat and assets, and to control the negative effects of human association on the environment by using environment-friendly devices.

## CONCLUSION

We certainly care and take precautions of the place we live in: we clean it, we keep it warm/cold, we paint it, when it's get dull, we repair it when requires, we rolled out improvements according to our benefit, in a nutshell. We take care of our home or the spot we are living in and its surroundings. In light of the fact that our home care for us as it shields from all the unfriendly strengths whatsoever befalls in our lives, likewise our planet, the Earth, water, animal. Plants, trees, human are our home too, yet we don't take care of it isn't that right?

The Article enumerates the agony of environment, which sometimes is silent and sometimes apparent. Day by day various technologies are taking place, numerous are piled up for the future as well, which requires lot of natural resources, some are generated some are ingenerated, just to become economically wealthy, to developed more and more has led to the poor conditions that we all are facing now. The point is instead of focusing on one specific area can't we balance the economic value and environment value, why do we have to degrade environment state to upgrade economic state and vice-versa.

Considering this, the entire environment is enduring a lot, yet above all, not always it is the obligation on higher authorities to deal with these matters, it is on us too. We too need to take legitimate safeguards to protect the mutual interest. On an individual level, we have to do nothing more than to instruct individuals, give proper reasoning, educations with regard to preservation of environment, rights and duties associated with this. Particularly in town range, give dustbin in each edge of the road, restricting the cutting down of tree, placing video cameras on the public place and make individuals mindful about their rights and obligations towards the environment. For the purpose of sustainability, Intra and inter-generational equity and value and we need to fight the Environmental Terrorism and make a promise not to be a terrorist but a protector.

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<sup>1</sup><http://greenplanetethics.com/wordpress/environmental-technology-what-is-environmental-technology-and-how-can-we-use-it/>

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