# Summary

The article mainly pertains to the ever present problem of global warming and our degrading natural resources and calls to attention how our attitude towards our own home planet is sad. It introduces new mathematical problem, which I call the Last Island Problem. Which is a special case problem which implies that all the possible people that can help an individual who is a certain problem or undergoing any trouble and needs assistance can only do so from a person or organization that is not undergoing the same problem at that instance and the subset of people undergoing through that same problem are stuck on an island and all the people who can help are on ships in the open sea.

But, in this case, as I explain further I inform the reader that all the people of planet Earth are stuck on the Island and hence the last island with no one to help them. This problem I further elaborate and inform the reader how this is our approaching and inevitable, even if unimaginable future.

Then I further explain to the reader that how bleak our future is and how we are quickly laying the foundations to our own doom and everything that we have stood for will be in vain towards the end, as we will resolve to our animal instincts to prevail and to survive and with no outside help, here outside referring to the outer space, the Earth will bear witness to our sad demise, just as it stood by as we plundered it, not to interfere as we go away, just like other civilizations have gone, younger, older and sometimes even mightier, not realizing that we are merely the guests, not the hosts.

# Introd**u**ction

This essay that I have written pertains to a very familiar topic : “Global Warming” and the our deteriorating natural resources. Instead of talking about the figures and numbers like we have already read several times, we have seen before, I have introduced a new mathematical model to throw new light on this old topic that matters so much and hope that the reader sees this topic a from a new perspective.

We all know that Global warming is bad and the consequences severe, but these words and these phrases have become almost clichéd to the point that even 3d graders know them and it means nothing to them, but through my article I want to lay bare this problem in a manner never done before, so that it can receive some new vigour and people take notice of the most important thing of all, home.

This article may seem reprimanding and asking change quickly, but it does so based on the fast degrading nature and our plunders have rendered many areas of our Earth useless and our action must come swift to alleviate our world of the problems that we have caused In the first place, and the mathematical model that I will introduce in my article will help the reader better understand the magnitude of the problem and maybe help cause just a little difference.

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# houting Out for Help from the Last Island

By Anish Sachdeva

“I saw how he wept and cried, but bother I did not because ‘tis not me,

I saw how he sobbed and asked me to help thee,

And then when that same fate befell upon me,

No one came, no one was there to rescue me, ‘cause I had never been for thee.”

He had the misfortunate experience of being locked behind the closet shouting for help when he could feel the heat radiating from above and below and as he sat there in the darkness not knowing for certain, as to what was going on outside, but aware of the fact that flames engulfed his apartment and were slowly destroying everything he valued, everything that seemed precious. Despite the heat he trembled unaware which moment would be his last and thinking about all the things he could have said, should have done. Like any other human he shouted praying for someone to call the fire brigade, praying for someone to come and rescue him. Of all the ways he had thought of dying, this wasn’t one of them. Luckily the people on the streets had seen the smoke coming out of his window and had called the fire brigade. He was saved.

What happens in time of catastrophes, or emergencies is that people wait for help or wait for being rescued, they shout, scream so as they are heard and saved. (I’m talking about real life situations here and not a movie, where the hero saves the day and earns the heart from the damsel in distress). People help other people in times of need, they are not always successful or may arrive late, but they always do arrive. People depend on people. Patients on their doctors, groups or communities on other groups or communities, one city on the other, one state on the other, a complete country on the other(the kind of aid that Japan received a few years back from throughout the world during the earthquake is one good example). We’ve even sent help into space!! Long story short, we have each other’s back and there for each other in times of need.

But, a certain point that everyone fails to miss is that the person helping almost always has aid, tools, or is not in the same crisis as the victim. That is the person helping is not in part of the immediate crisis and is safe. But what if they were also the audience of the same crisis, would they be the one helping us out, but nothing to fear there are plenty other people, but what if they too were with you as the victims. The world isn’t that small, of course there are plenty others, what if they too were on your side of the line. There are complete cities to help us out, but they are also just as much as in need as you are, there are complete sates out there, we have nothing to fear, but what if they too were in the same fix, what if the whole country, the whole continent was in need. Who would you call out for help? We would turn on the other continents; they will certainly help us if something of this magnitude has befallen on a part of our world. And yes to our great dissatisfaction they too are in as much need as us.

This problem how improbable as it may sound is what I call the last island problem, where we are estranged on a piece of land, an island waiting for a passing ship to spot us and help us, but all help that could possibly come is already on the island, every last single person is on this last continent, this last island.

The above few paragraphs must’ve sounded a joke to you (you must’ve thought that this couldn’t possibly happen) well then think again. Everything that we are doing is bringing us closer to the last island, we use the resources offered to us, the fuel offered to us by Earth for our use and for that to spare for others in time of need and vica versa. We think that ours is an open system where resources, food grain, crop, clothes, chemicals, machinery, people and all other things that one could possibly imagine can go to any place, can be transported anywhere, but it is all closed and everything stays inside this big dome called the Earth. It has provided us with plenty, but still limited. We may have reserves of our minerals, secondary deposits, or even tertiary deposits, but our rate of consumption is exponential to that of the rate of development. When will they run out? I do not know (I’m just a XI grader, but don’t be fooled by the child outside with what I say next) they will, that I do know. And I also know that it won’t be light years ahead, I do know that it won’t be when we have floating cars and have achieved warp speed, I do know that it won’t be a millennia from now. It will be very very much in the latest future time and neither am I promising you any sustainable alternative fuel as to whose kind you may have seen in star wars powering something like the Death star. Every time we launch something into space, it is from the expense of our Earth, we send out pieces of mass that may or may not come back, The external fuel tank is disintegrated every time while falling back to earth. We have junk and canisters floating about the space that are resources that Earth will never get back. We put tons of Hydrogen every time we launch something into space. As much as space interests me and fascinates me I don’t think that it is worth to waste billions of dollars of resources to find out what the surface of Mars looks like or weather life there is possible. How will we manage another planet when we can’t even manage one?

We eat all animals that we lay eyes upon, despite this extremely large head of ours we are the only ones creating an imbalance in the complete food chain. Our passion or taste as we may call it of hunting has led to the extinction of many species and the endangerment of several others. This fact has been stated several times and places before and has become common knowledge that some animals are extinct and some endangered, and our reaction is so what? Everyone has heard the talk about the food chain, the ecological cycle, blah blah blah. The irony of the situation is that despite of the fact that everyone knows, the people who can impose laws are doing nothing, and instead open seasons are declared every year for people to freely practice hunting. Throughout the globe animals are hunted down mercilessly, illegally and legally for what? Their skin! Tusks! Hide! And all other stupid excuses that one can possibly think of. Have we actually fallen to a place where we find the hide of a living species incentive enough to kill? I pity our kind and all other species with the head the size of ours and the stupidity of even a fifth of ours who can justify killing of harmless and innocent species for pleasure. Thinking or even writing this article is painful and invokes such a strong desire to somehow make people see what I see or feel how I feel. I won’t blabber any more on how wrong we are, but on what we need to do. Firstly illegalize poaching throughout the globe and not just on paper. Secondly work towards or aim for a vegetarian lifestyle. Studies show that non vegetarians have a shorter lifespan and are prone to chronic health diseases. They on an average have more heart diseases, Hypertension and diabetes.

If we ask anyone the population, the reply that we receive is 7.3 billion. This answer is a very big factor leading to the idea of humans being the dominant creature of this planet. Children since a young age are taught that our population is 7.3 billion, but that is not at all true. We are taking in mind only one species out of 1,589,361 species that exist. What we should teach ourselves, our children is the number of all the species. This would imbibe a sense of communion with nature and parallel existence instead of high headed supreme dominance. Our prolonged years of supreme intelligence and being able to dominate over all other species and the ability to control certain elements of nature has evoked in us a feeling of pompous pride and the illusion of control. We treat the Earth as and all it’s resources and species as ours to use freely and as we wish and we often feel that “we are working for a greater good” or “We are working for something better” and in this single phrase we justify our actions or wrong doings. We don’t use these phrases to prove anything to anyone else, but to hide from ourselves in our shell of a body till the day we turn to dust. The act of being generous, sympathetic or kind is known as Humane. This word is derived from Human and how they behave (Well, how ‘should’ behave). All I am asking from humans is to be humane.

I am not sure on how the next iPhone will look like, or when will we see the next bond movie, or the date of the collapse of the leaning tower of Pisa. I don’t know the future, neither can I see it, but I can look at my present, your present, our present and see that the day we meet on the last island is not that far.

We will have the misfortunate experience of being on the last island shouting for help when we will be able to feel the absence around us and the life teeming behind us writhing to survive. We will stand there in broad daylight (if we have managed to retain our atmosphere) not knowing for certain as to what future awaits us, but aware of the fact that no one was there to help us and how we had destroyed everything that we should have valued, everything that should have seemed precious. Despite everything we will pray unaware which moment would be our last and we would think of all the things that we could have done all the things that we should have done. Like all other humans we will shout for someone to come, someone, anyone to help us one final time. Of all the ways that we had thought of dying this won’t be one of them. Our numbers will start to fade away, diseases would spread out consuming us, fire, conflicts, protests would break out, there will no longer be any humans , but merely animals with a greed to survive, no more rich and poor, no more will there be any presidents or famous personalities, nor will there be any law or holder of law. Our forefathers had worked tirelessly to remove all discrimination; there work will be completed on that last island when we all turn against each other; Friends on friends, family on family. No relation of blood will hold. No bond will survive. We may win one day, but will certainly lose on the other and our numbers will fall like the dominos, only increasing its speed. All our history, all our achievements will seem like a pointless endeavor. Earth who had faced our discriminations these numerous years before will not come to our aid, but be a silent spectator bearing witness to the fall of man. All that will be left of our legacy will be the satellites revolving around without any battery showing off the craftsmanship of a species that doesn’t exist. If only we had realized sooner.

# Conclusion

I hope to conclude and hope even more that so does the reader that they had the courage to go through this article completely and digest the facts and the mathematical model as the truth and not some elaborate scheme or story crafted to play with the mind or to sound impressive, but to realize the purpose of the article to be truthful and to render the fears that the writer has as one of the many inhabitants of this planet.

Secondly I would like to conclude the various steps that we must take, as a civilization together to benefit our world, so that we may reside in it, which are; firstly we must adopt a vegetarian lifestyle, which sounds terrible and also very difficult to absorb, given that people have been non-vegetarians for decades, but the simple truth is that vegetarianism is the way of lifestyle and vegetarians do live longer than non-vegetarians on average.

Secondly, we must realize that it is true that we are the smartest of all the creatures present on Earth (for now), we have to treat other species with respect and we can’t go on killing other animals or species at will or just for sport, as we call it these days. The slaughter of animals under no circumstance is justified. We have to imbibe humbleness and humility in our children and respect for nature and other animals and teach them empathy instead of feeding the already over bloated human ego, that is teach them to respect harmony that only nature provides and to live in the world with co habitilation rather than plundering and slaughtering, just to cater the human need.

# Bibliography

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