

Tasnim Khan

Date: 11/10/2022

ENG1101

Word Count: 2,150

U2 Reflective Annotated Bibliography

Introduction

What can we do to save our environment?

Every day, our environment becomes more polluted. We are to blame for the climatic change that occurred from this. We don't care for our surroundings and environment. I was curious to learn more about that as well as how we could protect the environment. The primary cause of climate change has been human activity, mainly because of the burning of fossil fuels like coal, oil, and gas. Stopping climate change can be helped by protecting our environment. climate change is a threat to humans and wild animals. Because of climate change, they are now faced with additional challenges to survival. Animals can be directly harmed by more frequent and severe droughts, storms, heat waves, rising sea levels, melting glaciers, and warming oceans.

I would like to know how locals like me can protect the environment and stop climate change. Our actions have a significant impact on climate change. Climate change is a result of pollution and environmental damage.

Citation #1 Tilman, & Clark, M. (2015). Food, Agriculture & the Environment: Can We Feed the World & Save the Earth? *Daedalus (Cambridge, Mass.)*, 144(4), 8–23.
https://doi.org/10.1162/DAED_a_00350

Summary

The environmental effects of agriculture on greenhouse gas emissions, land clearing, and risks to biodiversity might all be significantly reduced by a variety of options. All of which are possible with current knowledge and technology. However, the production of food also creates serious environmental problems due to greenhouse gas emissions, pesticide and fertilizer waste, loss of biodiversity, and disruption of ecosystem services caused by the conversion of large areas of natural ecosystems into pastures and crops. In particular, embracing healthier diets and investing in increasing crop production in developing countries would significantly reduce the impact of agriculture on the environment. Also, improve global health, and prepare the way for a sustainable and nutritious food supply for those countries. There is no denying the importance of eating food. The majority of people in modern industrial societies are also dependent on a

number of ecosystem services provided by undamaged ecosystems, as well as the support of various other species that supply food, crop pollination, timber, fiber, medicines, and agriculture. The environmental impact brought on by the expansion of agriculture in the years ahead could be significant given that the demand for food and animal diet on a global scale is likely to roughly double in the next forty to fifty years. In this article, we analyze the factors that could cause the global food demand to double over the period of the next 50 years, as well as the environmental effects of the previous global food demand doubling. Project the possible environmental effects of the expected food production doubling and provide a variety of realistic options that could possibly enable us to significantly reduce environmental harm while feeding a world of eleven billion people. Population growth alone would increase demand for agricultural production by 30% by 2050 and 50% by 2100 if agricultural techniques stayed the same and per capita, food consumption did not increase. Therefore, income does have a negative impact on the diet since there is more need for agricultural crops than there are people on the planet.

Reflection

Regarding damage to the environment and greenhouse gas emissions, I do agree with the article. According to the article, the use of pesticides, fertilizers, and greenhouse gas emissions during food production pollutes the ecosystem. But in order to survive, we must grow food. To survive, we really do have to eat. Environmental effects of the expected food production doubling and provide a variety of realistic options that could possibly help us to significantly reduce environmental harm while feeding a world of eleven billion people. Population growth alone would increase demand for agricultural production by 30% by 2050 and 50% by 2100 if agricultural techniques stayed the same. There are many additional factors that contribute to the harm caused to our environment. What can we do, therefore, to protect the environment? In the article it says Embracing healthy eating habits and spending money to increase crop production in poor nations will greatly reduce the environmental impact of agriculture. In my opinion, there are further ways in which we could provide support. Another "R" that is still unknown but has significant effects on the environment is rot. In other words, compost your food waste and yard waste instead of throwing it in the trash. Similarly compost. This is something that average people in every community can do to protect the environment, and it's simple and straightforward.

Quotation

“In particular, the adoption of healthier diets and investment in increasing crop yields in developing nations would greatly reduce the environmental impacts of agriculture, lead to greater global health, and provide a path toward a secure and nutritious food supply for developing nations.”

Citation #2

Tugend, Alina, "Recycling Helps, but It's Not All You Can Do for the Environment" Section B, Page 5 of the New York edition, Oct. 20, 2012. <https://www.nytimes.com/2012/10/20/your-money/recycling-helps-but-its-not-all-you-do>

Summary

Like other households, our household recycles frequently. Recently, though, I began to wonder if all of this recycling is actually contributing anything other than making us feel better about the things we buy. According to the article, The economic impact has gotten a lot of attention in the debate. That issue has been batted back and forth with mixed results, although most experts now agree that cities have become more experienced and more effective and therefore made it more cost-efficient to recycle most products rather than dump them in landfills. Samantha MacBride, an assistant professor of public affairs at Baruch College, City University of New York, said recycling "is good civic behavior," but it's pushed as a solution panacea to a whole host of environmental ills, from overflowing landfills to global warming. However, if individuals and institutions participate in recycling programs, they may be prone to the single-action bias and feel like they are already doing enough to protect the environment. A study conducted by Professor Schor and a graduate student, Margaret Willis, and published recently in The Annals of the American Academy of Political and Social Science, called "Does Changing Light Bulbs Lead to Changing the World? While the study didn't look at recycling, in particular, it found that those who chose to do individual green actions were also more involved in other broader political activism. But Professor Schor said she was troubled that recycling "is what they're teaching kids in school is going to save the world. I do agree with the article about recycling fact. The source is legit.

Reflection

The source is trustworthy because the article talked about recycling and how can we get a good ecosystem. Recycling is the most important thing to save the environment because we are living in a suburban town where we are allowed to throw pretty much everything in one garbage we need to stop doing that, littering is a big problem for our environment. So we have to be careful about that. I do agree with the article, recycling is not everything to save our environment. People think only recycling helps they just do that and move on. Which is not correct. Additionally, we must plant as many trees as we can. Plastic bags are pretty much available in every store it's been banned but it is still available in some stores. Plastic bags are essentially always available in stores; even if they have been banned, they can still be found in some. We must stop wasting unnecessary energy, water, and other resources.

Quotation

"Recycling is a wonderful thing to do if we're comparing it to throwing stuff away, it has become a reward for consumption,"

Citation #3

Smile and Learn, “How to Take Care of the Environment - 10 Ways to Take Care of the Environment”, YouTube, uploaded by Smile and Learn, 22 July 2020, https://youtu.be/X2YgM1Zw4_E

Summary

In the video, the author speaks about how our environment is failing and how there are connections between us and the environment. Animal and human health will be impacted by the destruction of the environment. Animals will suffer if nature is destroyed. For example, polluting rivers with trash and plastic causes the water to be destroyed. The water is contaminated and unsafe for consumption. We have the power to protect the environment. The video presented us with 10 suggestions for protecting our environment. We should conserve electricity by turning off lights when they aren't in use. Instead of using plastic bags, use reusable items like cloth bags. Because plastic is not sustainable. We should separate and recycle trash, save water, clean up litter, reuse paper, take care of animals, and grow more trees. Our city should be made sustainable. These eco-friendly methods can help preserve our environment. It suggests that it will give us a good existence without wasting or harming the environment or natural resources. We can contribute to a sustainable planet in these ways. Future generations will benefit from economic and environmental progress's and social well-being.

Reflection

The source is trustworthy since environmental damage will have an effect on both animal and human health. The entire thing was covered in the video. If nature is destroyed, animals will suffer. For example, polluting rivers with trash and plastic causes the water to be destroyed. In the video, we were given 10 recommendations for protecting the environment. because plastic cannot be recycled, it implies that it will allow us to live well without destroying the environment or destroying our supply of natural resources. I agree that the video is valuable and educational. They provided straightforward explanations of how we locals may simply protect our environment.

Quotation

“It is in our hands to protect nature and look after the environment!”

Conclusion

According to the first article, the environmental effects of agriculture on greenhouse gas emissions, land clearing, and risks to biodiversity might all be significantly reduced by a variety of options. However, the production of food also creates serious environmental problems due to greenhouse gas emissions, pesticide and fertilizer waste, loss of biodiversity, and disruption of

ecosystem services caused by the conversion of large areas of natural ecosystems into pastures and crops. In particular, embracing healthier diets and investing in increasing crop production in developing countries would significantly reduce the impact of agriculture on the environment. Also, improve global health, and prepare the way for a sustainable and nutritious food supply for those countries.

The majority of people in modern industrial societies are also dependent on a number of ecosystem services provided by undamaged ecosystems, as well as the support of various other species that supply food, crop pollination, timber, fiber, medicines, and agriculture. The environmental impact brought on by the expansion of agriculture in the years ahead could be significant given that the demand for food and animal diet on a global scale is likely to roughly double in the next forty to fifty years. Project the possible environmental effects of the expected food production doubling and provide a variety of realistic options that could possibly enable us to significantly reduce environmental harm while feeding a world of eleven billion people. Therefore, income does have a negative impact on the diet since there is more need for agricultural crops than there are people on the planet.

According to the second article, that issue has been batted back and forth with mixed results, although most experts now agree that cities have become more experienced and more effective and therefore made it more cost-efficient to recycle most products rather than dump them in landfills. Samantha MacBride, an assistant professor of public affairs at Baruch College, City University of New York, said recycling "is good civic behavior," but it's pushed as a solution panacea to a whole host of environmental ills, from overflowing landfills to global warming. However, if individuals and institutions participate in recycling programs, they may be prone to the single-action bias and feel like they are already doing enough to protect the environment. A study conducted by Professor Schor and a graduate student, Margaret Willis, and published recently in *The Annals of the American Academy of Political and Social Science*, called "Does Changing Light Bulbs Lead to Changing the World? Animal and human health will be impacted by the destruction of the environment.

Finally, the video presented us with 10 suggestions for protecting our environment. It suggests that it will give us a good existence without wasting or harming the environment or natural resources.

All those answers were found during my research. In general, it is a very important subject, and residents of New York or our neighbors should be aware of it. Because New York is a large city and it is becoming more polluted every day, people need to hear it quickly. Only we can protect the environment and restore its future of the environment.