

Overpopulation is a myth, as the world's resources are sufficient to support growing population, and technological innovations will solve any potential shortages.

Outline

1. Introduction

Thesis statement: overpopulation is a myth as world's resources are abundant in the form of renewable and nuclear energy, and any potential shortage is managed through use of technology in agriculture, water supply, infrastructure, and conservation of available resources globally.

2. Global wastage of resources produce the myth of overpopulation.

(a) United Nations Environmental Program's global food index report.

(b) World food program report.

3. Natural abundance of energy in the form of renewable resources.

(a) Solar energy, geothermal energy, hydro energy, wind energy.

(b) Use of net-metering prevents loss of energy

3. Tons of energy conserved in the nuclear reactions.

- (a) Nuclear fusion reaction
- (b) world nuclear association report

4. Innovative agricultural techniques promise abundant crop productivity.

- (a) Use of precise farming, genetic engineering techniques, and vertical farming to produce large food in large quantity covering minimal land.

5. Conservation of water through use of technology.

- (a) Water recycling
- (b) Rainwater harvesting, drip irrigation method and desalination of sea-water.

6. Urban development accomodates booming world's population.

- (a) case study of Tokyo population density management and singapore urban planning

7. Large populations contribute to global economy and resource management.

@ case study of China.

8. Global resource management with equity will reduce constraints on developing world.

9. Conclusion.

Introduction

According to a report presented by the United Nations Environmental program in 2004, almost 19% of globally produced food was wasted, enough to feed billions of people. This report raises questions about management of available resources. Many such reports support the idea of sufficiency of world's resources to support growing population demonstrating overpopulation as a myth. Overpopulation is a state when growing number of people increase at such level that the world's resources fails to meet the demands of people.

Due to imbalance of available resources and growing population, people suffer from poverty, unemployment, and hunger crisis. However, these economic crisis are happening in the world due to unequal distribution and mismanagement of available resources. Hence, overpopulation is a myth as world's resources are abundant in the form of renewable and nuclear energy, and any potential shortage is managed through the use of technology in agriculture, water supply, infrastructure development, and conservation of available resources.

Firstly, the world's population is growing every year but it doesn't support the idea of over-population because the world has sufficient resources ~~that~~ available. A recent report by ~~the~~ United Nations (UNICEF) stated that more than 18 million children were born into hunger in 2024. Undoubtedly, world is facing dire crisis of hunger and

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water scarcity. It is happening because of ~~the~~ huge wastage of food globally. Another report presented by United Nations environment-
al program, Food waste index report 2024. It stated that 1.05 billion tonnes of food was wasted last year alone. It was enough to feed billions of people globally. There is huge ~~wastage~~ of available food in developed countries. World food program stated that if only one quarter of food currently wasted globally were saved, it would be enough to feed 870 million people. Hence, food shortage and overpopulation is just a myth. The world has sufficient resources to support growing population, if they are utilized ~~conscientiously~~ consciously.

Secondly, nature has provided us abundant energy in the form of renewable resources, which are inexhaustible these include solar energy, geothermal energy, wind energy, and hydal energy.

Although fossil fuels are non-renewable, there is a chance of depletion but with the pace of time more resources are discovered. The world is transitioning towards ~~renewable resources~~ renewable ones such as increased use of solar panels, not only conserve energy resources but also prove sustainable for the environment. ~~Geothermal~~ energy is the stored tons of energy inside the earth. Similarly, wind energy and hydal energy are great sources that can't be depleted. These inexhaustible energy sources are sufficient to support the growing population of the world. However, with the use of science and technology such as ~~net-metering~~ net-metering conserve the extra watts produced from solar grids. These watts are used by the government to complete people's demands. Hence, over-population is a myth because the available world resources are sufficient. If there is a chance of shortage, the use of science will help addressing the deficiencies.

Thirdly, nuclear energy is a great source of ^{energy} present in the world that can cope with the future shortages. According to world nuclear association report, nuclear energy is the low-carbon emitting and second largest source of low carbon electricity in the world after hydro-power. The nuclear reactions like nuclear fusion releases tons of energy that can meet world's requirements. Hence, the abundance of resources are present in nature and with the use of innovative technology, they can be utilized and provide clean energy without radioactive waste. There are technological advancements in energy storage as well that enhance its efficiency and availability. Therefore, overpopulation is a myth because the world has abundant resources, which are sufficient for growing population.

Conclusion

To sum up, population is growing every year but ~~with~~ along with growing ~~population~~ number of people, the world is getting abundant sources to meet the demand. Nature has undoubtedly bestowed the world with sustainable energy, ~~and~~ water and food resources. The strains in their availability occur ~~due~~ because of heavy wastage and losses. With the use of innovative technology the world can cope with the ^{future} shortages. For instance, water recycling, rain harvesting, drip irrigation systems, and desalination of sea water conserve huge amount of water preventing its shortage. Modern agricultural practices, such as precise farming, vertical farming, and use of genetic engineering enhance crop productivity that help deal with demands of growing population. Moreover, urban development, such as construction of modern infrastructure and smart cities accommodate huge population in minimal space. Therefore, over-population is a myth because world

has adequate resources and it can deal with the shortages with the use of technology and science. ~~World~~ only needs to ensure equitable resource distribution in both developing and ~~developed~~ world to prevent dire economic crisis.