**What is happening due to the effect of urbanisation?**

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In this essay you will be informed on the facts and effects on this broad subject that I have chosen. Each paragraph will explain a new subject under this Question and give a detailed explanation of the effects that this may have on today's economy and wildlife.

The animals and insects on our planet depend on their habitat to live and for us to be destroying it could have a huge effect on animal populations in today's age and the near future. Deforestation is happening all over the world and is one of the biggest problems we as humans must face if we are to protect and preserve animal lives.

Although humans are growing in numbers rapidly so are animals.

Forests and grasslands take up around 30% of the earth's land surface while also accounting for 50 percent of plant productivity. As much as 45 percent of the carbon stored on land is tied up in forests and tree based areas. The United Nations predicts that our numbers will reach around 8.7 billion people by 2050, with the most growth in the tropics. We can expect the rate of deforestation to increase as competition for food, land, and resources increases continuously.

It is also expected that by 2050 there will be estimated around 10% less grassland and forests, unless we take action now. This is also affecting humans as we rely on animals for food and to keep the food chain stable

Air and water pollution is destroying the health of millions of beings. Air pollution is when particles and dangerous gasses are released into the inner atmosphere and into the air. This can cause harm if you breathe them in. These gasses include nitrogen dioxide, ozone, sulphur dioxide and carbon monoxide. Air pollution is not just killing animals and insects it is also killing us humans and the vegetation. These poisonous gasses that are being released, are poisoning the trees. Plants take in carbon dioxide and let out oxygen which is the opposite of what mammals do, so without plants we would not have the amount of oxygen that we have. Although we are not going to run out of oxygen for a long time, it will run out eventually. Water pollution is when different liquids or feces contaminate water sources such as lakes or rivers. The main problem caused by water pollution is that it kills living beings that depend on these water bodies. Dead fish, crabs, birds and seagulls, dolphins, and multiple other animals often wind up on beaches, killed by pollution in and around their habitat. Pollution can also greatly disrupt the natural food chain because without these certain creatures other animals have nothing to eat. Us as humans depend on these animals to sustain the food chain as without them to eat the apex predators could start coming for us. This links back to urbanising as its the creation of new mechanics and the left over parts which is what's causing this troubling issue.

Humans are populating at rates that we can not keep up with so we are trying to build more homes and places for us to live but in order to do that we need time which we do not have. This leads to overcrowding. Overcrowding is when there are too many people staying in a place that is meant for less. This can potentially cause bad hygiene issues and a large amount of homlessness. It also causes a lot more illness such as bronchitis and pneumonia. It also has been found that overcrowding leads to higher crime rates as gangs start to form due to poverty. Also ⅕ of homeless people commit a low crime to get off the streets even if it is to get into a prison cell. In areas with overcrowding, it has been found that there has been a lot more mental illness. This may be due to the ratio from the amount of people or it could be from the situation that they are in. There are ways to stop this, by giving all citizens a well suited place to stay and give everyone equal healthcare, but this is hard. It would be expensive to go through with this and even if a government did it still takes time. People will still give birth quicker than dying people so there is a possibility that the houses will still overcrowd. Also most of the homeless would not be able to afford these houses so that would possibly put the government in debt.

Rising crime rates is a serious subject and must be stopped. These crime rates are usually due to overcrowding. In the analysis of the 2000 UCR crime data for the 1,294 cities with populations over 25,000 revealed a distinctive positive relationship between crime rate and population size, this has a clear indication that the higher populated cities reported the higher crime rates. When there is overcrowding that means some criminals are let go as the prison are

Completely full. This leads to the courtroom and the prison releasing the low offence criminals and keeping the high offence. There can also be a lack of prevention against crime. Lets use the UK for an example: There are only 131,596 officers in the United Kingdom and there are 66.65 million people. This leaves the officers outnumbered by 501 to 1.

In conclusion the effects of Urbanisation is affecting everyone. Deforestation is taking an animal's home which they need to survive.

Air and water pollution is killing and poisoning all beings but we are too focused on something else that we do not notice it. Overcrowding is causing illness and a large amount of homelessness. And because of this crime rates are rising rapidly. Although all these things are happening this does not mean that we cannot stop them. We can not change what humanity has done but we can change what we will do.

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