

Essay on Man Use the Forces of Nature

The forces of nature are used by man to generate energy for his many needs.

Gravity, being a fundamental force of nature, is always present. One of the most obvious effects of gravity is that it makes water flow. The flow of water has long been used by man for various purposes. Rivers are used for traveling and transportation. Dams, both natural and man-made, enable electricity to be generated. On a smaller scale, water power is used to run mills and do other simple work for the man.

There is research being carried out to harness the energy of waves. This energy is again converted to electricity to serve man.

By far, electricity is the most versatile of all of nature's energy. Untamed it is like lightning that wreaks havoc wherever it strikes. Harnessed properly via giant generators and other devices, electricity provides us with much of the energy we consume. Just think about how many of our modern appliances run on electricity. Without electricity, we will have no electric light, air-conditioner, television, radio, electronic computer, rice-cooker, motor car, etc. So, it is, without a doubt, our most important source of energy.

The Earth is surrounded by a huge invisible magnetic force field that stays reasonably constant all the time. Ever since the discovery of the magnetic compass, the man had made use of it for navigation. The compass is still being used today by airplanes and ships that sail the seas. It is an indispensable component of navigation. It enables man to find his way around the entire planet.

The most powerful force on the entire planet is the force released in

an atomic explosion. Man discovered this awesome force just about fifty years ago and has since been trying to harness it safely and profitably. Unfortunately, nuclear energy is still a very difficult thing to control. No doubt it is a source of tremendous and almost inexhaustible energy, but the price we must pay for using it seems too much. Nobody wants to be burdened by the by-products of an atomic reactor. They are too toxic and radioactive. The problems associated with the safe disposal of these by-products are too numerous to surmount. Unless man finds better ways to harness the power of the atom it is better he leaves it alone. Otherwise, a man might destroy himself with it.

Sadly too, atomic energy is being used to make bombs. Bombs are nothing but tools of destruction. Man in his madness or ignorance has stockpiled thousands of such horrors and they are just waiting to be let loose upon the world. So far, only Hiroshima and Nagasaki had tasted the horror of the atomic bomb. There is much fear that one day the whole world will be consumed by a nuclear war that will end everything for man. If that happens it will just be man's foolishness. He is given this whole beautiful Earth to enjoy. If he uses what he is given correctly, he lives. If he uses what he is given foolishly, he will certainly perish.