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參展科別 地球與環境科學科

作品名稱 IMPACT OF FIRE WOOD
COLLECTION ON WEATHER AND
CLIMATE OF JIRDIN VILLAGE

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ABSTRACT

Climate is the average weather in a place over a long period. The changes in climate may be due to natural forces or from human activities. There is growing concern among the scientific community regarding climate change. Biodiversity, forest, monsoons, weather are now at risk due to climate change. Today climate change is happening at an increasing rapid rate. One of the causes is deforestation. Firewood collection in one of the major means the felling of trees. Excessive emission of CO₂ by burning, which is a green house gas, responsible for increasing the temperature and causing drastic climate change. Hence, to know the impact of firewood collection in drastic climate change we have undertaken a project entitled, "Impact of firewood collection on weather and climate of Jirdin village."

Introduction

Weather is the instantaneous state of the atmosphere, or sequence of states of the atmosphere with time, which can be defined as the condition of the atmosphere at any given times and places. Climate, on the other hand, is the average as well as variability of weather conditions prevailing in an area over a long period of time, known also as the statistics of weather precipitation, temperature, humidity, atmosphere, pressure, and wind are the important elements like the sun, the itself and natural land forms on the earth's surface. Weather and climate of a particular location are also governed by natural factors like geographical position, distribution of land and water, distance from water bodies, surface cover etc. As population is increasing at an alarming rate, there is a need and demand of clearing the forest for habitat, firewood collection for growing population firewood collection will have a great impact on the environment and will alter the weather and climate of the particular region. So, we are sure, that our project will make a positive impact for preventing the damage of weather and climate condition of Jirdin village.

Aims and Objectives

The various objectives of our project work are listed below.

1. To avoid the unexpected changes in weather and climate of Jirdin Village.
2. To bring the awareness among the villagers on the important role played by weather and climate in our lives.
3. To know the amount of firewood collection.
4. To stop deforestation.
5. To encourage people to take active part in environmental problems.
6. To save flora and fauna of Jirdin village.
7. To know the impact of releasing poisonous gases in the weather and Climate.
8. To know the problems caused by the emission of smoke, gasses in the environment.
9. Health hazards caused by the emissions of harmful gasses.

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Impact of fire Wood Collection on Weather AND climate of Jirdin Village is a good awareness of environmental problems. This project could make a positive impact for preventing the damage of Weather and climate condition of Jirdin Village .More detail analysis about the impact of fire wood collection on local environment could be conducted to improve the quality of this research. The effect of different weather elements. Could be implemented , too.