



GLOBAL WARMING

GLOBAL WARMING IS THE LONG-TERM WARMING OF THE PLANET'S OVERALL TEMPERATURE. THOUGH THIS WARMING TREND HAS BEEN GOING ON FOR A LONG TIME, ITS PACE HAS SIGNIFICANTLY INCREASED IN THE LAST HUNDRED YEARS DUE TO THE BURNING OF FOSSIL FUELS. AS THE HUMAN POPULATION HAS INCREASED, SO HAS THE VOLUME OF FOSSIL FUELS BURNED.

GLOBAL WARMING OCCURS WHEN CARBON DIOXIDE (CO₂) AND OTHER AIR POLLUTANTS COLLECT IN THE ATMOSPHERE AND ABSORB SUNLIGHT AND SOLAR RADIATION THAT HAVE BOUNCED OFF THE EARTH'S SURFACE. NORMALLY THIS RADIATION WOULD ESCAPE INTO SPACE, BUT THESE POLLUTANTS, WHICH CAN LAST FOR YEARS TO CENTURIES IN THE ATMOSPHERE, TRAP THE HEAT AND CAUSE THE PLANET TO GET HOTTER. THESE HEAT-TRAPPING POLLUTANTS—SPECIFICALLY CARBON DIOXIDE, METHANE, NITROUS OXIDE, WATER VAPOR, AND SYNTHETIC FLUORINATED GASES—ARE KNOWN AS GREENHOUSE GASES, AND THEIR IMPACT IS CALLED THE GREENHOUSE EFFECT. CLIMATE SCIENTISTS HAVE CONCLUDED THAT WE MUST LIMIT GLOBAL WARMING TO 1.5 DEGREES CELSIUS BY 2040 IF WE ARE TO AVOID A FUTURE IN WHICH EVERYDAY LIFE AROUND THE WORLD IS MARKED BY ITS WORST, MOST DEVASTATING EFFECTS: THE EXTREME DROUGHTS, WILDFIRES,

FLOODS, TROPICAL STORMS, AND OTHER DISASTERS THAT WE REFER TO COLLECTIVELY AS CLIMATE CHANGE.

THE ROLE PLAYED BY NCC (NATIONAL CADET CORP) TO ELIMINATE GLOBAL WARMING IS NOT SMALL, THEY ARE ALWAYS WORKING FOR THIS. THEY GIVE AWARENESS CLASSES THAT GREEN HOUSE GASES ARE THE CAUSE OF GLOBAL WARMING AND PEOPLE SHOULD REDUCE THEIR USE. CAMPS LIKE NATURE CAMP RUN BY NCC HELP TO AVOID SUCH ENVIRONMENTAL PROBLEMS.

IN SHORT, ALL OF US MUST REALIZE THE FACT THAT OUR EARTH IS NOT WELL. IT NEEDS TO TREATMENT AND WE CAN HELP IT HEAL. THE PRESENT GENERATION MUST TAKE UP THE RESPONSIBILITY OF STOPPING GLOBAL WARMING IN ORDER TO PREVENT THE SUFFERING OF FUTURE GENERATIONS. THEREFORE, EVERY LITTLE STEP, NO MATTER HOW SMALL CARRIES A LOT OF WEIGHT AND IS QUITE SIGNIFICANT IN STOPPING GLOBAL WARMING

NAME : ABHINAV M

RANK : L/CPL

UNIT : 29 (K) BN

GROUP : CALICUT

DIRECTORATE: KERALA & LAKSHADWEEP