**Transport and Climate Change**

Student’s Name

Institution Affiliation

Course Code

Professor’s Name

Date

Transport and Climate Change

**Role Transportation Plays In Climate Change**

Transportation has been made reliable in the modern world through automobiles as they enhance more effortless movement thus facilitating daily human activities. However, the transport systems often cause threats to the world climate through the emissions of carbon (IV) oxide and other Green House Gases, which causes an increase in atmospheric temperatures. Emissions from the energy fuels in the transport sectors are typical from conventional vehicles and other transport systems such as jets and rail systems. According to Cordero (2021), these emissions are always common in urban areas where transport systems are highly developed to enhance people’s movement compared to rural areas. Even though the energy emissions from transport systems can be minimaxed through approaches such as; improving public transport rather than private transport, alternative transport systems, for instance, biking and walking, improving the efficiency of vehicles and adopting new transport technologies. These integrated approaches can limit the rate of carbon (IV) emissions and their dangers to the global climate.

**Impact of Career on California’s Carbon Emissions**

Individual career has enhanced the need to maintain a healthy and clean environment free from carbon (IV) oxide emissions. According to Rachel Donovan, her career as a bridge inspector in California enables her to understand the excellent need for bridge inspection, which minimizes government expenditure on seriously deteriorated bridges; instead, the money can be used in developing public transport systems that reduce carbon emissions as compared to private transport (Cordero, 2021). In addition, Rachel proposes that the saved money can be devolved into the preservation of wetlands which also act as good carbon sinks. According to Cordero (2021), John Brazil’s career as an active transport planner makes him advocate for biking and walking to be used as an alternative to transport vehicle systems since he believes that, increase in population can facilitate an increase in demand and overcrowding of vehicles which in turn causes a lot of carbon emissions that that is very harmful to the environment. Finally, Beverly Scott’s career in the Infrastructure sector makes her encourages the youths to diversify on the transport systems because it’s a core drive on what benefits and makes them go (Cordero, 2021). Beverly’s idea encourages youths to know what works best for their surroundings and what doesn’t yield benefit to their surroundings.

**Career Recommendation for a Relative**

I would recommend careers, for instance, active transportation planner and green energy developer for my relative, as among the best career opportunities in the infrastructure sector. Because these carrier choices emphasize sustainable energy release into the environment. Transport planning and sustainable green energy program will enhance the consideration of using healthier energy from automobiles which has little impact on the environment. Therefore, these careers enhance the provision of civic education to the automobile manufacturers and the public on the benefits of upholding the healthier environmental standards.

**References**

Cordero, E. (2021, April 8). Transportation and Climate Change. [Video]. YouTube. <https://youtu.be/04yM8rI6-MU>.