



**Mission Viejo High School MUN**  
**34<sup>th</sup> Annual Conference**  
*Vox Populi*



**Futuristic Security Council: Climate Change**

Hello delegates! My name is Joanna Gomez and I am very excited to be your vice chair for futuristic security council MVHSMUN 2017. I am a current freshman at Mission Viejo High School. I like to spend my free time with family and friends, catching up on t.v. shows, and taking photos. MUN is an amazing program because it improves leadership and communication skills, provides different opportunities to meet new people, and allows you to learn about and propose solutions for real-world issues. Aside from MUN, I am on the basketball team and in several clubs at school. I hope everyone in the committee will have fun and come up with possible solutions. I look forward to meeting everyone and hearing your solutions on how global warming has dramatically changed the Earth in 2069.

*This synopsis is concerned with the background and scientific aspect of climate change, as this committee is established in 2069 the global temperature has increased by 5 degrees Celsius. For full overview of the world – view the first synopses concerning Colonization of Mars.*

**I. Background of Global Warming and Climate Change:**

Despite the fact that Earth's atmosphere actually changes after some time, it is as of now changing in ways that most researchers concur are not regular. Rather, human movement is the cause. The confirmation for now's quick climate change incorporates ocean level rise, worldwide temperature rise, warming seas, shrinking ice sheets, declining Arctic Ocean ice, glacial retreat, extraordinary climate occasions, and sea acidification.

Earth's air, water, and land are altogether connected together to make the climate. When one part of climate is influenced, the others are in the long run influenced also through a chain response. A change to the temperature of the air can bring about an adjustment in the temperature of the water, which can have consequences for the land. Researchers concur that human movement is bringing about environmental change, which is frequently called an Earth-wide temperature boost. Numerous researchers and scholastics want to utilize the term environmental change rather than a dangerous atmospheric deviation on the grounds that there are a larger number of impacts than only a rising temperature. Contracting icy masses, dissolving Arctic ice, longer and more extraordinary warmth waves, and quickened ocean level ascent can as of now be seen the world over. Environmental change is characterized as the expansion in Earth's temperature because of human action by method for greenhouse gas outflows. Also, the UN International Panel on Climate Change (IPCC) reports that researchers hope to see various other conceivable changes that could possibly be heartbreaking to the planet; these progressions differ from locale to district. In Africa, for instance, expanded water stress will diminish horticultural profitability. Surges, warm waves, and an expansion of jungle fever will bring about a higher demise rate. North America can hope to see diminished snowpack in the mountains and an



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expansion in the span and force of warmth waves. These warmth waves would be significantly more serious in urban communities that as of now experience warm waves. Human action is bringing on the worldwide environmental change. Over 100 years prior, individuals began smoldering a lot of fossil fuels (coal, oil and normal gas) to control their homes, production lines, and vehicles.

Blazing fossil fuels discharges carbon dioxide into the air. Carbon dioxide, alongside other greenhouse gasses, remains in the Earth's air and warms the planet. Earth needs these to keep it sufficiently warm for plants and creatures to live. Be that as it may, people are discharging more gases than any time in recent memory, which is bringing about environmental change. Since 1901, the normal surface temperature over the bordering 48 states has ascended at a normal rate of 0.14°F every decade. Normal temperatures have risen all the more rapidly since the late 1970s (0.29 to 0.46°F every decade since 1979). Eight of the main 10 hottest years on record for the coterminous 48 states have happened since 1998, and 2012 and 2015 were the two hottest years on record.

## **II. Possible Solutions to Global Warming and Climate Change:**

Each country will favor different approaches. It is important to find solutions relevant to your country and anticipate counterarguments. Be sure to research this topic additional, so you can propose unique solutions at the conference.

The primary solution is to change from fossil fuels to renewable energy resources. In any case, numerous political and financial obstructions hinder. Innovation for renewable vitality sources, including sun oriented, hydro, and wind power might be excessively costly, not sufficiently effective, or strange to execute. World leaders have as of now started exchanges of renewable energy sources, however every nation confronts a remarkable test in executing them. Every nation has distinctive renewable vitality sources, and diverse wellsprings of vitality might be suitable for various nations.

Another arrangement that has been proposed is decreasing the emission of greenhouse gases. The Kyoto Protocol set measures for greenhouse gas emissions, yet numerous nations have been hesitant to endorse it. By restricting the measure of greenhouse gas released into the air, nations would like to minimize the impacts of global warming renewable energy fixtures can be executed. Defenders of this arrangement have likewise supported energy conservation techniques on a nearby level, through publicizing campaigns teaching individuals how to decrease their effect on the environment.



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**III. Questions to Consider for Global Warming and Climate Change:**

1. Are there particular issues that Climate Change postures to your nation, for example, rising ocean levels or drought? How does this influence your nation?
2. What are some short term solutions and long term solutions that can be put into effect?
3. How has the United Nations handled climate change previously? What resolutions and objectives have they passed? Were such resolutions and objectives successful?
4. What measures has your nation actualized to illuminate the issue of climate change in the past and what were the results of every strategy?
5. What nations and non-governmental organizations (NGO) has your country worked with to handle the issue of global warming?
6. What issues of Climate Change have gone primarily unsolved within the UN? What can your country do to start tackling such issues?
7. Is/Was your nation a signatory of the United Nations Framework Convention on Climate Change, and how is it attempting to meet its objectives?
8. What are the diverse reasons for climate change and what are some possible solutions to each cause?
9. What NGOs and companies will and or can support your solutions?



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**IV. Works Cited for Global Warming and Climate Change:**

<http://climate.nasa.gov/>

