

Climate change awareness  
more important than action.

Outline

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A. Shifting to clean energy.

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C. Climate change an important parameter in IMF loan and budget.

## Conclusion

Pakistan is one of the most climate change hit countries and therefore, at COP 27, Pakistan lobbied for establishment of loss and damage fund. Pakistan has bore \$30bn economic losses due to 2022 floods. Climate change is a reality now and it has become an existential crisis for the whole world. Owing to anthropogenic activities that leads to global warming, the world will become uninhabitable in coming years if practical steps are will not be taken. It is important to spread awareness about the severity and effects of this crisis but the need of the hour is to take practical steps in right direction to save the future of mother earth. Every individual must come forward and contribute for this noble cause. Collective efforts from the world is required and SDG 13; sustainable development goal 13 that addresses the climate change and its mitigation shows that the global organizations like united nation has already grasped the severity of this problem. The respective countries

and their governments should frame policies and should take practical steps to combat climate change. Shifting towards clean energy is inevitable. Additionally, reducing the green house gases emissions and shifting to zero carbon emissions is also required. Many countries has shown their commitment towards net zero carbon emissions. COP 28 has successfully established the loss and damage fund for global south. This is success for Pakistan's diplomacy for climate mitigation efforts at COP 27. Moreover, Pakistan has also shown commitment to combat climate change and made "climate change and an important parameter in budgetary allocations and IMF loan procurement. Awareness is important to tackle climate change but the severity of this crises demand imminent practical steps.

Climate change can be defined as change in global temperature and weather patterns for short and/or long period of times and this change in climate has

adverse consequences. Climate change has taken place in the world as  $2.5^{\circ}\text{C}$  increase in global temperature is seen.  $2.5^{\circ}\text{C}$  is a threshold value set during industrial revolution. Global warming has effected world in many ways and it has huge impact on the lives of people and sustainability of this planet earth.

Climate change is an existential crises for the world. The adverse effects of climate change are noticeable. Due to the phenomena of global warming, extreme weather events occur. Melting of glaciers and ice caps resulted in flood. Forest fire phenomena is also happening in some countries. Heat stroke is also happening in some parts of the world. All these events has resulted in loss of human lives and economic losses for countries. If these phenomena continue at the same rate soon the world become uninhabitable.

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Climate change awareness is an important step in combating this issue of climate change because collective efforts are required with the participation of every individual. Every small effort and every step in the right direction matters. The public should be educated about the (grievances) wrath of climate change. Rational thought should be provoked in people so that their attitude become ecofriendly. Conservation of energy, shifting towards clean energy, participation in plantation drives and use of 3R's strategy reduce, reuse and recycle is important.

United nations has ~~at~~ contributed in this noble cause and it has set SDG 13; sustainable development goal to mitigate the effect of climate change by 2030. All the member countries are required to fulfill targets set by UN SDG no. 13 by 2030. The purpose of SDG 13 is capacity building of countries, to invest on clean and green energy.

Pakistan has successfully meet the targets of SDG 13. This shows the countries commitment towards addressing this issue, and saving future of earth and people.

Taking practical steps is essential in addressing the grave issue of climate change. The first step in this regard is shifting the world towards clean energy, moving the world away from fossil fuels, as fossil fuel is the main contributor towards global warming. It is high time world should explore many avenues of clean energy like solar energy, wind energy. Shifting the vehicles to electricity is step in right direction to combat vehicular emissions. Moreover combating industrial and agricultural emissions should also be on agenda.

Many countries have showed their commitment in reducing the carbon emissions to "0". Moreover, green house gas emission reduction

should also be on target. Green house gases are  $\text{CO}_2$ ,  $\text{O}_3$  and  $\text{CH}_4$ . To reduce their emission the world should move away from usage of fossil fuel. After the industrial revolution, post 1850, there is a surge in green house gas emissions and carbon emission. Currently industrialized countries like USA, China, Japan, India are leading in carbon emissions but the global south had to bare the wrath of climate change the most.

Conservation of biodiversity is important while addressing the climate change as climate change has adverse consequences on ecosystem. Moreover plantation is a natural way to combat climate change. Trees are the natural sinks that absorb  $\text{CO}_2$ , maintain temperature, stop flooding. Many countries have promoted plantation drives and many people are individually contributing towards this noble cause.



Solid waste management is important for conservation of biodiversity.

Loss and damage fund establishment at COP-28 is significant step and it shows seriousness of the world towards addressing this problem. The plight of global south is heard during COP 28, which took place in Dubai. Initially the amount reserved for this fund is \$300bn which is not up to the mark, but establishment of fund in itself is step in right direction. Moreover, the world showed its commitment for moving away from fossil fuel and embracing clean and green energy.

Carbon trading is already established process by which the carbon foot print of countries are measured. Countries with more carbon emissions buy the carbon credits from the countries which have less emissions. Additionally, the establishment of clean energy projects

and trees plantations for conservation of biodiversity is also practiced. Sindh has agreement with company, that establish mangroves forest on shore.

Pakistan is an advocate for climate mitigation. Pakistan despite the less than 1 percent carbon emissions, Pakistan, due to floods of 2022, suffered from \$30bn economic losses with 1700 people lost their lives. Pakistan, in COP27 lobbied for loss and damage fund establishment and many countries especially from global south joined Pakistan in this cause. \$700 million pledged for Pakistan's help from flood of 2022. Pakistan advocated that, they does not need aid but they need mitigation.

Pakistan climate action is a success story as Pakistan has successfully meet the targets of SDG 13. Pakistan has made commitment <sup>shift</sup> towards clean and

green energy. Pakistan has made electric vehicle policy. According to it by 2030, 25% of vehicles will be shifted to electric power. Moreover Pakistan is shifting towards solar and wind energy resultanty, it has shut down many coal power plants.

Pakistan's policies like billion tree tsunami has received a world wide recognition. This is not the only step that Pakistan has taken to combat climate change. Pakistan in public and private spheres has established plantation drives and the whole nation is taking place in this noble cause. Pakistan has also make clean air policy and the purpose of this is to reduce green house gas emissions. Shifting towards electric powered vehicles in this regard is practical step.

Pakistan has made climate change an important parameter

and  
while devising budget or disbursement of loans from organizations like IMF. Significant amount is now to be allocated for climate change mitigation every year especially for rehabilitation of climate change affectedes and implementation of clean energy. Consequently, Pakistan is looking for an FDI (foreign direct investment) in clean energy. IMF has also shown its commitment that it will make climate change an important parameter while allocating loan to Pakistan.

In a nutshell, <sup>said</sup> climate change action is required to combat climate change as climate change is a new reality and it is posing a significant threat to the future of planet earth. Currently, the world is facing the wrath of climate change as Antonio Guterres said, "the earth is burning." 2023 was the hottest year and July 2023, was the hottest month.

Every country from developed to developing has experienced the wrath of climate change. The world has accepted this challenge and has already taking practical steps to mitigate it. COP 28 theme of moving away from fossil fuel and establishment of loss and damage fund is step in right direction.

Moreover, countries at individual levels are also making progress.

To combat this grave issue of climate change, not only the government but also the peoples efforts are required. Everyone should take this task and contribute as much as they can to combat climate change.