

Best of luck for exams

DATE: 1/1

Climate change and global cooperation: Opportunities and challenges

- a) Introduction
- b) Explaining the dynamics of climate change
- c) Opportunities of global cooperation offered by climate change
 - 1) Climate change unites global leaders to set targets for reducing carbon footprints
 - a) Paris Agreement 2015; NDCs
 - 2) Climate change fosters cooperation in renewable energy sector as a climate change mitigation measure
 - a) International Renewable Energy Agency (IRENA)
 - 3) Climate change unites developed world to address financial losses suffered by developing world due to climate change
 - a) Loss and damage fund
 - a) Climate change offers opportunity to coordinate on risk ^{assessment} and disaster management mechanisms
 - a) data sharing by WMO
 - 5) Climate change paves the way for cooperation in technology sharing and knowledge exchange mechanisms for climate adaptation measures
 - a) Green Climate Fund
 - 6) Climate change strengthens collaboration in research and scientific development to address climate related challenges
 - a) Climate and Clean Air Coalition (CCAC)



Scanned with CamScanner

D Climate change ^{poses} presents multiple challenges ~~for~~ to global cooperation

- 1) Climate change exacerbates competition over resources posing threat to global cooperation
- a) Water conflicts have increased in 21st century
- 2) Climate change creates geopolitical tension which further weakens global cooperation
- a) Arctic region dispute
- 3) Climate change causes mass displacement and migration which in turn paves the way for socio-economic conflicts among states. People of some countries displaced due to droughts, desertification and famines. Climate change is not being accepted.
- a) Climate change poses unequal vulnerabilities. This makes less vulnerable states to make weaker commitments.

a) COP 29

- 5) Climate related policies hurt global cooperation as some states view them as threat to their economic development
- a) USA under Trump among states
- 6) Climate change deepens disparities in innovation and economic development. Global north and global south standing at innovation and development is poles apart.

E Pathways to foster cooperation and mitigate challenges

- (1) International climate agreements need to be strengthened
- a) Binding commitments and strong enforcement

DATE: 1/1/

- 2) World leaders need to address climate injustice through financial and technology transfers:
 - a) Loss and damage fund
- 3) Strong governing mechanisms to address climate induced migration:
 - a) burden-sharing agreements
 - b) Building Trust through climate diplomacy.
 - c) Negotiations and Agreements based on consensus
- E) Conclusion

DATE: 1/1

Imagine a world where coastal cities are submerged, entire ecosystems vanish and millions are displaced by climate induced disasters. This is not a distant future rather it is a dystopian reality as climate change is no longer a looming threat; climate change is a crisis unfolding in real time, demanding cooperation across nations. Despite the fact that climate change poses multiple challenges to global cooperation, the opportunities for cooperation are immense. Climate change has been able to unite global leadership to set shared targets to limit the emissions which are contributing toward climate change. This collaboration and unity at international level depicts the potential of climate change for global cooperation. In addition to this, climate change is fostering cooperation in the renewable sector. Renewable energy provides alternative to fossil fuels; therefore, these have grabbed the attention of global stakeholders to address the menace of climate change. Moreover, climate change also unites the world especially, the developed and developing world to address the financial challenges faced by vulnerable countries due to climate change. However, all these cooperative avenues have been stifled by substantial challenges that prevent meaningful collaboration. Such as, the scarcity of resources caused



DATE — L 1 —

have

by climate change has intensified competition over shared resources consequently, pose a threat to global cooperation. Additionally, climate change creates geopolitical tensions which further weakens global cooperation. There are various ways which are beneficial to foster cooperation and mitigate challenges such as strengthening the policy agreements regulating and governing climate related issues. Thus, the opportunities for global cooperation afforded by climate change are immense. Yet, the path to such collaborations is fraught with significant challenges; therefore, there is need of dire policy measures to mitigate these challenges and foster cooperation.

climate change refers to long-term alteration in the ~~long~~ weather pattern of the earth. While it is a natural process, man's activities have exacerbated the process at a very rapid rate. Green house gas emissions (GHG) have shifted the regular patterns of earth paving the way for extreme heatwaves, droughts, floods, storms, cyclones and hurricanes. The dilemma of climate change lies in its global, transboundary nature. It cannot be solved by one nation alone. Thus, addressing climate change requires international cooperation. The absence of global unity, shared with the same efforts, has weakened and

DATE: 1/1

and ineffective; however, multiple challenges complicate the cooperative environment. These challenges in global cooperation related to climate change worsen the risks, further endangering life on Earth. **climate change calls for unity, not division, our differences must be set aside to seize the urgent opportunity for global cooperation**, stated by UN Secretary General Antonio Guterres. Thus, climate change's complex dynamics make international cooperation crucial for effectively addressing its far-reaching impacts.

To begin with, climate change unites world leaders on a common platform to ^{set} targets for reducing carbon footprint which is one of the leading cause of climate change. This cooperative opportunity offered by climate change depicts the global nature of climate change's impacts. The transboundary nature of climate change make it inevitable to have a global stage where collective concerns could be addressed and goals would be set to prevent these challenges. This unification came in the form of International Agreements and various organizations which provide a collaborative platform for global leadership so that they can discuss, assess and give solution to problems related to carbon emissions.

Under Paris Agreement 2015, countries made pledges to reduce carbon emissions in the form **ENDS**

DATE: ___ / ___ / ___

Therefore, it is not incorrect to state that climate change unites global leaders under institutional frameworks such as Paris accord to set targets for reducing carbon footprints, these collective targets are nothing short of cooperative atmosphere offered by climate change.

Adding on, climate change fosters global cooperation by offering integrative mechanisms in the renewable energy sector. Renewable energy sector has flourished recently as a mitigating measure for climate change. Renewable energy sector provides opportunity for cooperation in the form of technology sharing from those countries who acquired these technologies to those who desire to procure them. It also paves the road for joint ventures in the infrastructural development further strengthening the cooperative environment at a global level.

International Renewable Energy Agency (IRENA) facilitates cooperation by providing platforms for knowledge and technology sharing besides providing technical and policy guidance. Thus, it is not an overstatement to state that renewable energy sector gives an opportunity for global cooperation to mitigate climate change.

Adding further, climate change is capable to unite developed world to address the financial concerns of ~~governed~~ climate affected and vulnerable

DATE: 1/1

Communities, vulnerable states despite being least contributors to climate change bear huge losses in terms of economy; therefore, developed world gets united to share this economic burden by providing assistance and compensation for the damages they suffered. They provide biannual and technical support through joint ventures and through public-private partnerships (PPP).

COP 28 set the loss and damage fund in motion and pledged to pay money to help mitigation and adaptation measures of vulnerable countries. Hence, financial burden caused by climate change in turn paves the road for global cooperation. It share this burden by compensating for the damages developed world unites and cooperates with developing world. It coordinates with the developed countries and especially with the vulnerable states.

Furthermore, climate change also offers opportunity to coordinate on risk assessment and disaster management mechanisms. Thus, strengthening the path for global cooperation. States share data regarding the occurrence, intensity and duration of natural disasters. This sharing of knowledge and expertise require collaborative mechanisms and policy frameworks which makes unity among the states at global level inevitable, given the fact that no single state is able to assess risk and manage disasters alone.



World Meteorological Organization (WMO) plays a key role in fostering international cooperation on climate change by addressing challenges, policy measures through various risk assessment and disaster management procedures. Therefore, the collaborative nature of risk assessment and disaster management provides opportunities for global cooperation in the ^{domain of} climate change.

proceeding further, climate change paves the way for cooperation in technology sharing for climate mitigation measures. This exchange of knowledge and technology brings cooperative opportunities for the world as it bridges gaps between developed and developing nations. It also promotes collective action on climate goals as through these mechanisms countries can take more targeted actions. For instance the Green Climate Fund facilitates provides technical support to developing world by providing avenues for knowledge transfer and technology sharing. Therefore, it is not an overstatement to state that those above mentioned mechanisms provide an opportunity for global cooperation.

In addition to this, climate change provides opportunity for global cooperation by strengthening collaboration in research and scientific development to address climate

DATE: 1/1

related challenges. As climate change is a universal problem this brings all the scientific minds on the same page to bring solutions to prevent further development. Additionally, it also unites intelligent minds from across the world for innovative steps regarding mitigation measures and adaptation mechanisms. For instance, climate and clean Air coalition (CCAC) provide arenas for research and scientific development related to climate change, diverse people from the world contribute through various means. Hence, through scientific development and research, climate change unites the globe.

Adding on, climate change exacerbates also presents multiple challenges to global challenges. For instance, it exacerbates competition over resources posing threat to global cooperation. Competition for resources has ~~been~~ ^{been} not only bilateral relations but also multi-lateral relations. Climate change has brought scarcity of various natural resources, this scarcity along with rising demand has intensified conflicts. For instance, water conflicts have risen to a huge number in the twenty first century according to United Nations report on climate change and its impacts. Therefore, it is not an overstatement to state that, climate change has caused



DATE: _____

depletion of various resources such as water, food and energy which not only exacerbates competition but also cause conflicts at global stage.

Adding further, climate change also creates geopolitical tensions among various states which further enhance the conflicts at global stage. For example global south blames global north for the current catastrophes and expects greater contribution from global north in climate mitigation and adaptation measures; however many countries in global north want the emerging economies of global south to contribute equally in climate mitigation and adaptation measures. Thus, tug of war has ensued which is not only recurring but also non-terminating. Besides, due to various changes in the territorial landscape as a result of climate change, multitude of territorial issues have emerged thus plaguing the cooperative atmosphere and sowing the seeds of discord. Melting of ice in the Arctic has exposed diverse resources. These are paving the way for competition and conflict especially between Russia and USA, further exacerbating the conflicted nature of geopolitical issues.

Additionally, climate change cause mass displacement and migration.



DATE: 1/1

This refugee crisis not only disturbs the victims but has also become a reason of discord ^{among states} at International level. Climate refugee are viewed as burden on economies therefore, are not welcomed ^{borders} they are blamed for aggravating socio-economic conditions of the host state given the fact that they ^{are using} strain ^{infrastructure} and disturb local economies especially, in regions that are already facing economic challenges. For instance, the people of Somalia are migrating towards Kenya and Ethiopia due to droughts, desertification and famine but these host states are already overburdened. The Influx further complicates the situation. Thus, ~~The world is facing~~ ^{The world is} experiencing a lot of conflicts due to refugee crisis as a result of climate change.

Conclusion ~~No need to give this header~~

To sum up, climate is a looming threat and the crisis unfolding due to climate change are alarming. Short of catastrophe thus, impacts of climate change necessitates global cooperation. The cataclysmic impacts of climate change offer opportunities for global cooperation as countries negotiate through collective effort agreements to reduce the carbon footprint, one of the leading cause of climate change. In addition to this, climate change brings cooperation among various actors with regards to disaster assessment and

DATE 1/1

disaster management mechanisms. These provide the road for global cooperation as various stakeholders share knowledge, expertise and skills to avert the dangers of climate change. Besides, climate change also fosters cooperation by engaging the world's scientists and researchers in scientific development in the realm of climate change. Thus, research in the domain of climate change enhances cooperation in the world. Despite these cooperative measures, climate change also pose multitude of challenges for global cooperation. Climate change has exacerbated scarcity of resources paving the way for competition which leads to conflict. Additionally, various geopolitical issues have arisen due to changes caused by climate change. Besides, climate change has deepened disparities among states; the developed world stands at a better position to adopt to changing conditions. On the other hand, developing world bears the burden in the absence of any innovative mechanism to mitigate or adapt to the impact of climate change. Therefore, there is dire need to alleviate these challenges and foster cooperation for that, states need to strengthen international climate agreements and empower governing mechanism to address various socio-economic and political changes emerging due to climate change.