# Panel Discussion on Climate change

Initial statement of the panelists



Have you thought about how many plastics people have created and consumed?

It's big problem the number of plastic waste is increasing in the world. Plastic issues are strongly related to global warming. In the process of creating plastics and incinerating plastic waste, greenhouse gases are emitted. In addition, they are also emitted when plastics deteriorate. So, we must think about how consume plastics.

-Miyu





## A ruined planet cannot sustain human lives in good health.

## <u>Climate change is causing?</u>

Increased respiratory and cardiovascular disease, injuries and premature deaths changes in the prevalence and geographical distribution of food- and water-borne illnesses and other infectious diseases, and threats to mental health.

-Sasti





"Not to decrease consumption the national resources. -considering the problems of Japanese forest industry-"





-Ryo

Need to renew the natural resource

In order to solve climate issue, general idea tends to focus on decreasing consumption for no waste.

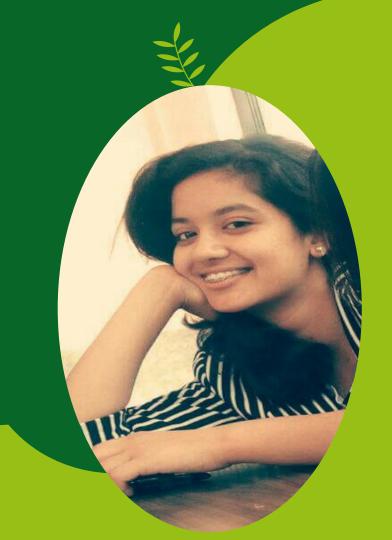
But no consumption causes less occasion to renew natural resource, which bring bad effect on climate .

Hardly have a power to change CO2 into O2



Justice to Climate bestowed from Trustworthy hands to Responsible hands is climate justice.

-Yushika





## Is climate action necessary?

Policies being drafted to combat climate change are radical, and can be detrimental to the world economy, purely based on gas and oil. Climate change cannot be undone or prevented, whereas, climate actions do more harm/than good.

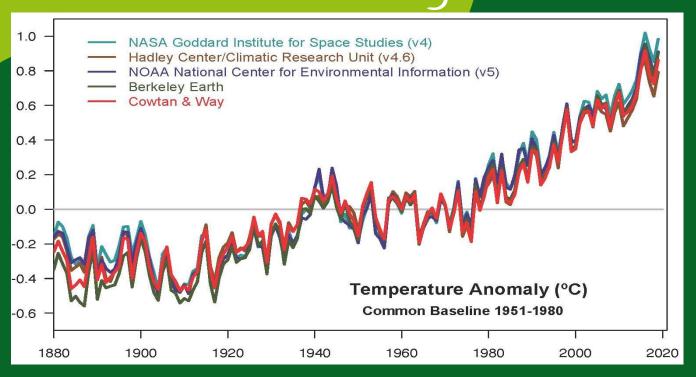
-Aashish







# Evidences of Climate Change



Reference: https://climate.nasa.gov/scientific-consensus/

# What is Climate Change?

Climate change includes the problems in rising temperature by greenhouse gases and in shifting the weather pattern, which change the average status of climate.



## What are the impacts of climate change?

#### Air Pollution & Increasing Allergens

Asthma, cardiovascular disease, repiratory allergies

#### **Extreme Heat**

Heat-related illness and death. cardiovascular failure

#### Severe Weather

Injuries, fatalities, loss of homes, mental health impacts

#### **Environmental Degradation**

Forced migration, civil conflict, mental health impacts, loss of jobs and income



**IMPACT OF** CLIMATE CHANGE ON HUMAN **HEALTH & EXACERBATION OF EXISTING INEQUITIES** 



#### **Degraded Living Conditions** & Social Inequities

Exacerbation of existing social and health inequities and vulnerabilities

#### Changes In Vector Ecology

Malaria, dengue, encephalitis, hantavirus, Rift Valley fever, Lyme disease, chikungunya, West Nile virus

#### Water & Food **Supply Impacts**

Malnutrition, diarrheal disease

#### Water Quality Impacts

Cholera, cryptosporidiosis, Campylobacter, leptospirosis, harmful algal blooms

Prising Sea Level

Nore Extreme Weather

Adapted from CDC, J. Patz

# How can we prevent Climate Change?

- By launching afforestation programs.
   By organizing awareness campaigns on climate change happenning in the world and way by which one can combat Climate Change.
- 3. Climate Justice

- 4. Establishing eco-fruendly industries and factories
  5. Adapting climate friendly agricultural techniques
  6. Utilizing our resources wisely, like minimizing the use of hot water while bathing as H2O vapours also add up to ozone layer depletion.

- 7. Increasing steps on biodiversity conservation 8. Birthday tree plantation programmes 9. Urban gardening and terrace farming methods.

# What was our conclusion?



The climate change cannot be solved by radical actions such as abrupt shutdown of oil based econonmy, the only possible Solution are achievable in long run.

## SASTI

We can only face the problems as a global team

## AASISH

Climate change can not solved unless we think for the longterm

# LESSONS LEARNT

## MIYU

People from all over the world must think about the issues about climate action and what we can do for them.

## RYO

There are needs to understand what causes the problem and to approach to the solution properly.

## YUSHIKA

Climate Justice is one great solution to combat climate change if everyone is sincere.