



# CLIMATE 101

## ? IS CLIMATE CHANGE REAL?

Yes! The scientific community have a broad-based agreement that climate change is real and caused by human activity.

## ? WHAT IS CLIMATE CHANGE?

Climate change is caused by burning of fossil fuels, such as oil and coal, which emits greenhouse gases into the atmosphere—primarily carbon dioxide.

## ? WHAT IS CLIMATE VULNERABILITY?

Climate vulnerability refers to the degree to which people or the things they value are susceptible to, or are unable to withstand, the adverse impacts of climate change. Many factors increase climate vulnerability such as income, age, health, and location.

## ? WHAT IS CLIMATE JUSTICE?

Climate justice links human rights and development to achieve a human-centered approach to climate change, safeguarding the rights of the most vulnerable and sharing the burdens and benefits of climate change and its resolution equitably and fairly. Climate justice is informed by science, responds to science, and acknowledges the need for equitable stewardship of the world's resources. (<http://www.mrfcj.org>)

## ? WHAT IS CLIMATE EQUITY?

Climate Equity is the climate burden on underserved and vulnerable communities, with the intent that no individuals or groups of people should carry a greater environmental burden than the rest of the community/country, especially when they are least responsible for creating climate change.

## ? WHAT IS ADAPTATION?

Adaptation are actions that help you prepare for and adjust to new (climate) conditions, thereby reducing harm or taking advantage of new opportunities. (National Climate Assessment)