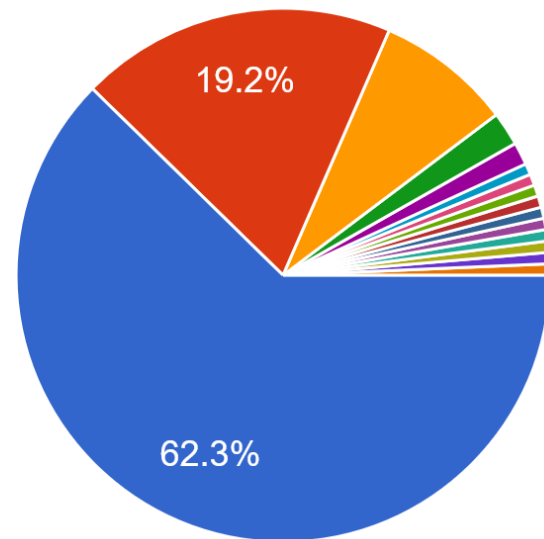


2025 science climate change survey

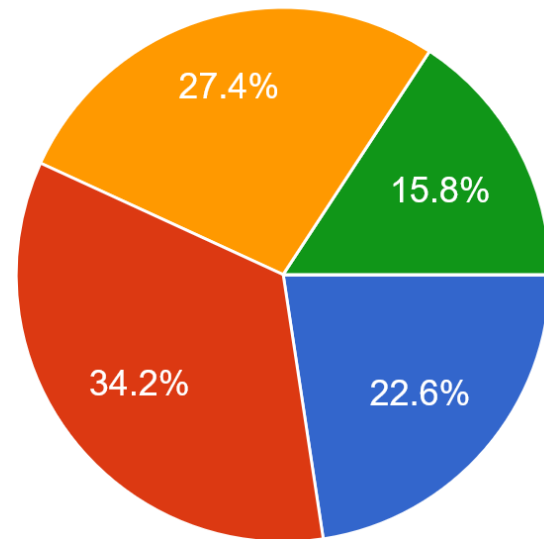
Main results

Educational background



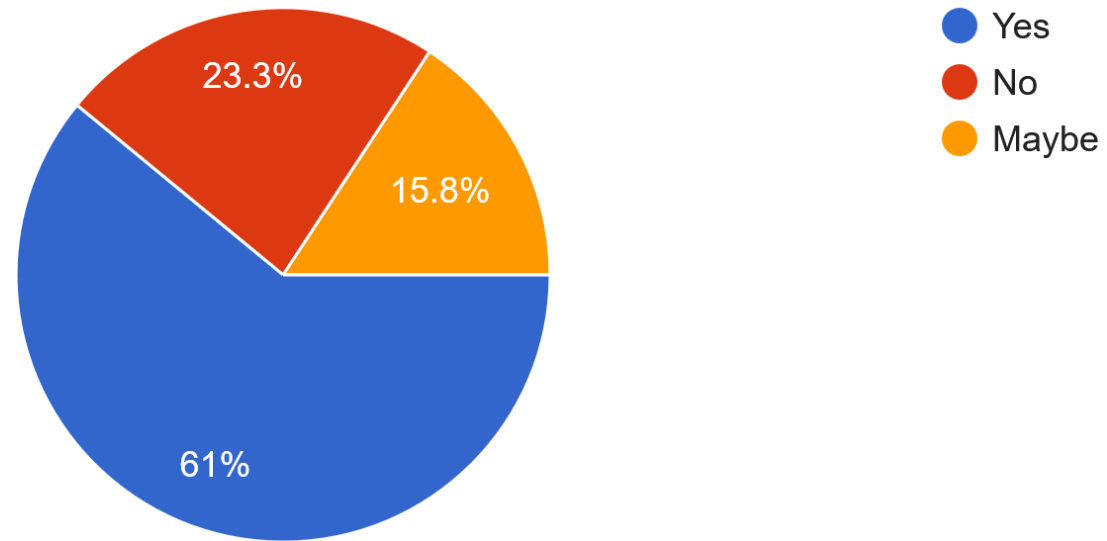
- Engineering
- Economy
- Natural science
- Social science or humanities
- Architecture
- Business and Engineering
- Pure mathematics
- Applied mathematics (and before that...)

I already had climate change education

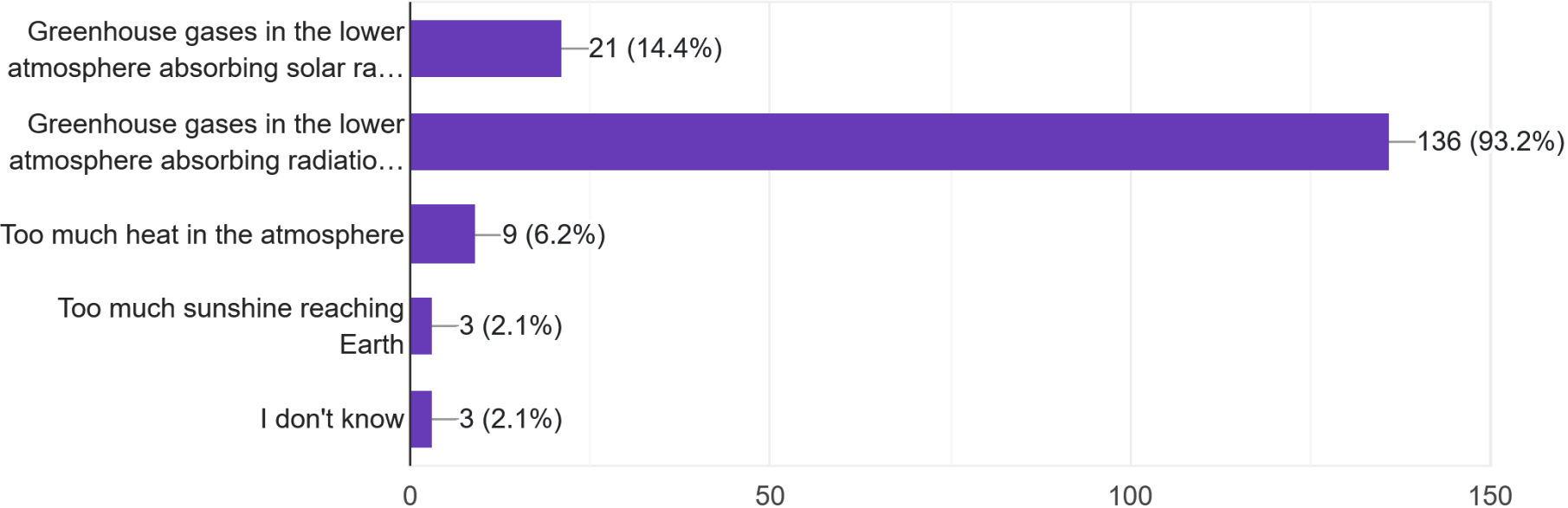


- Not at all.
- Some parts of previous classes touched upon the science of it.
- Several classes on climate change science.
- Some classes treated climate change aspects other than science.
- I'm a pro.

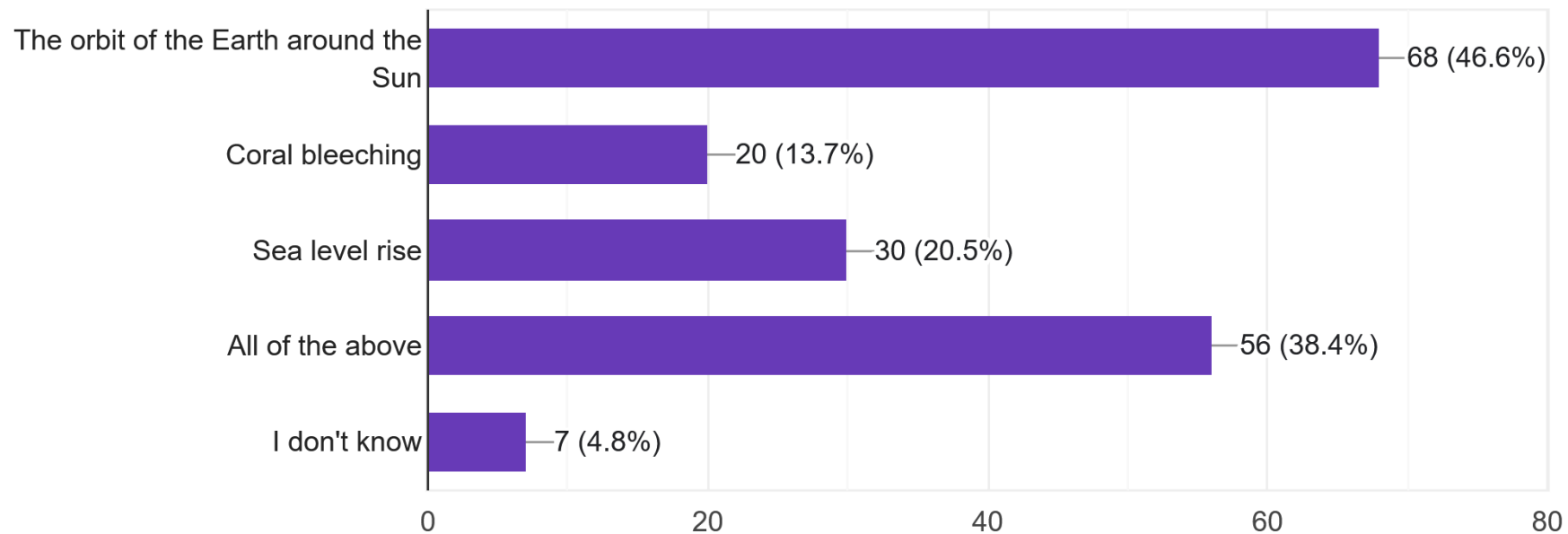
I already studied scientific papers



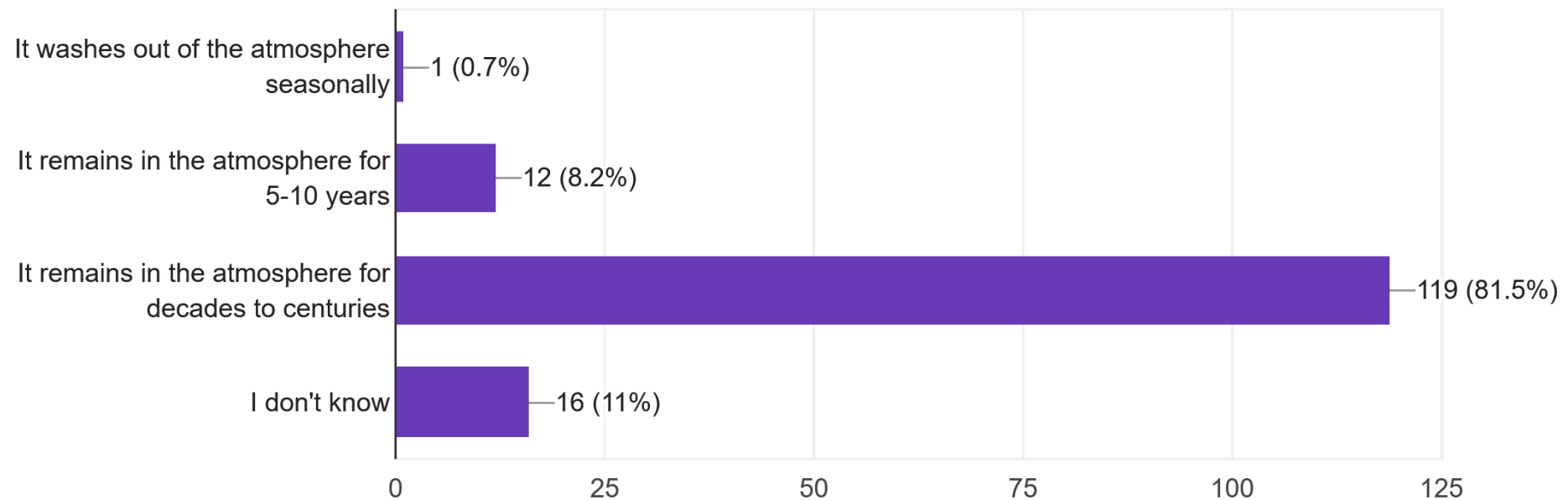
The Greenhouse effect is caused by...



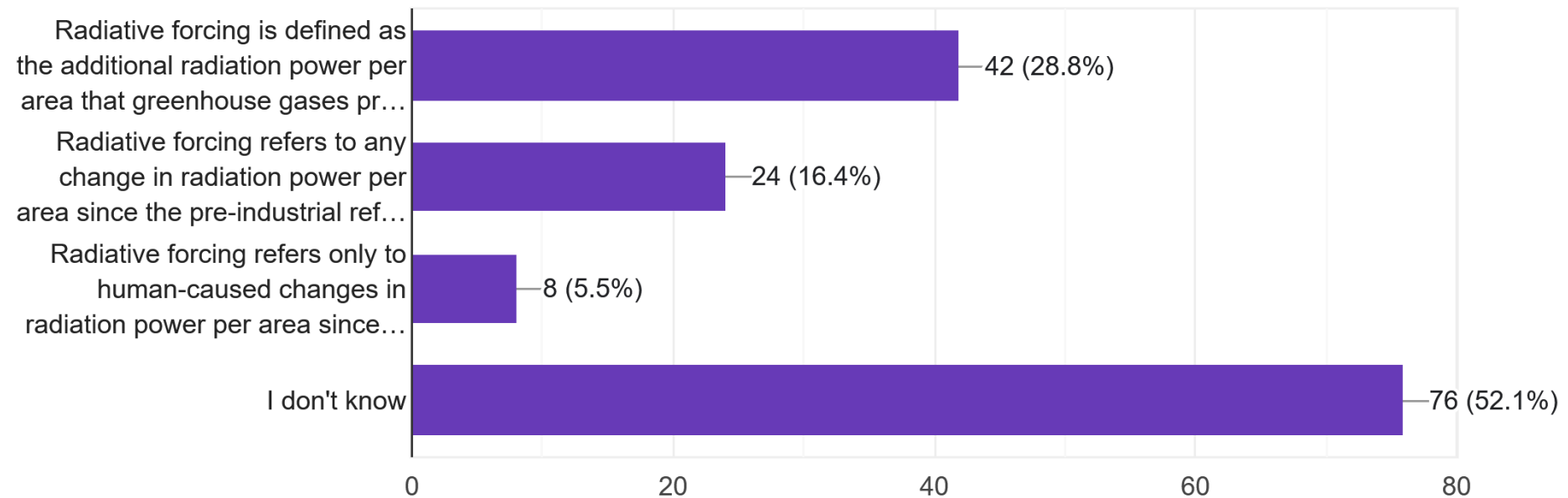
Which of these natural events have a direct climate effect?



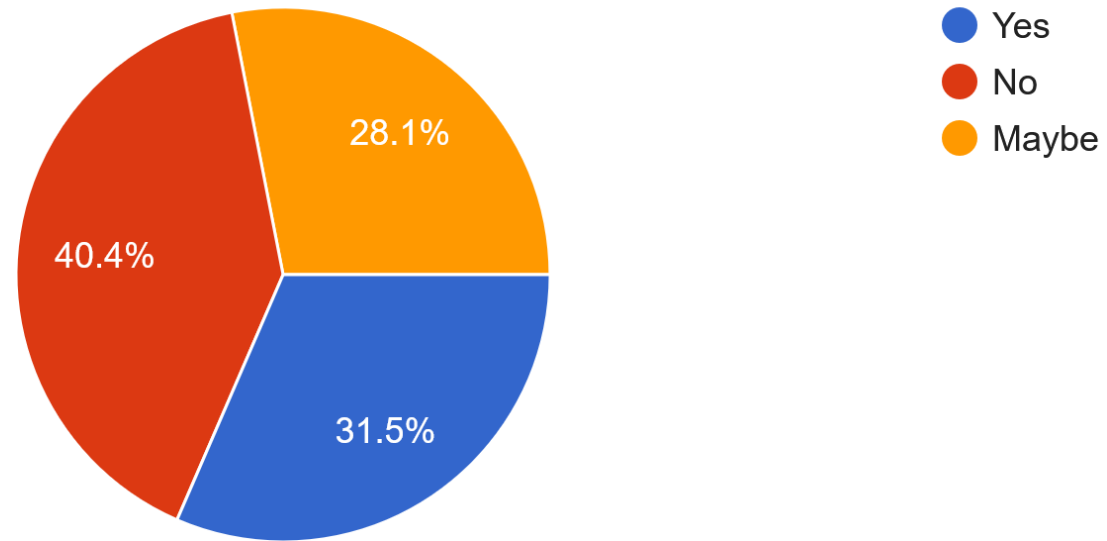
How long does carbon dioxide remain in the atmosphere?



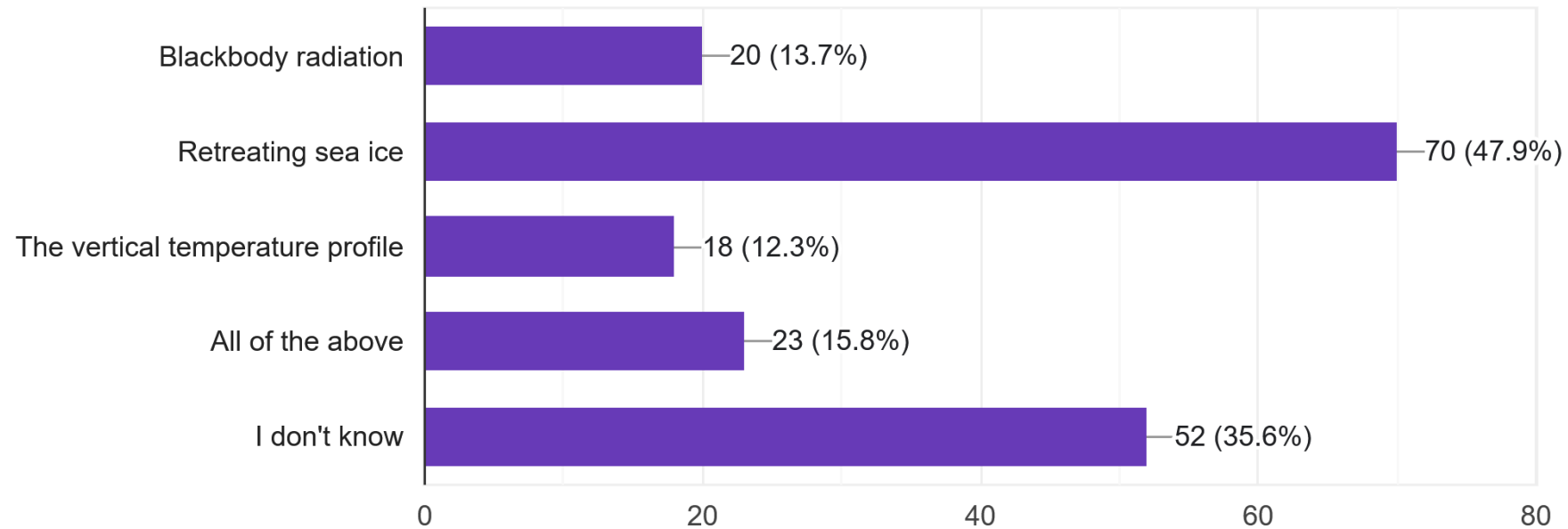
What is radiative forcing?



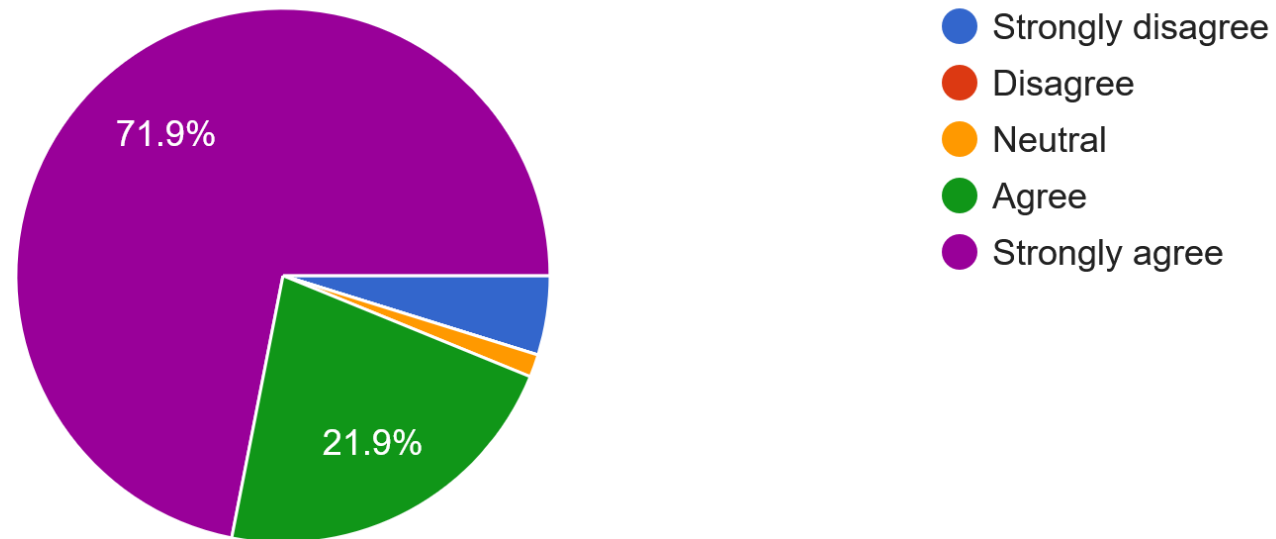
Have you heard about climate sensitivity?



Which of the below is a climate feedback?



I am very interested in learning more about climate change



Topics of interest

thawing of permafrost

What is our world currently lacking in order to effectively curb global climate change? Which steps and strategies are considered the most important within the scientific community right now? And what are the main bottlenecks that hinder progress?

Trend of Green Technology, Heavy Metal Pollution, Air Pollution

The rise of oceans and the things we can do to avoid having more than 2°C at best !

extreme environments, glaciers, future climate of Switzerland

climate sensitivity, incentives, application in the law

The solutions, such as renewable energy and international agreements like the Paris Agreement.

Changes to the atmosphere, current global policy, actionable strategies for mitigating climate change.

Feedback loops for climate or in poles, more about models for climate, uncertainty behind the drivers of climate chg

The physical principles that relate the CO₂ concentration to the observed change in average global temperature

Topics of interest

- Anthropogenic cause of climate change; how are future scenarios calculated; existing technologies to address climate change
- how to retrieve and analyse data about climate change and what measures to start using in order to mitigate it
- The physics of global climate, the chemistry of carbon emissions and the possible tipping point scenarios
- biodiversity, solutions and climate actions
- deforestation, wildfires, aquatic and coastal environments
- Greenhouse effect, ocean rising
- how to assess what are natural and what are human made climate changes; what mechanisms the earth has to protect itself; what happens if climate develops badly
- Actually useful mitigation methods, Alternative energy and fuels,
- oceans and winds : what are the relations between atmosphere, climate, oceans, biosphere...
- Policy making, mitigation solutions
- Climate policy and laws, socio-economic impacts of climate change
- Carbon cycle, implication on soils, impact on biodiversity
- Possible measures to slow down climate change, effect of climate change on biodiversity, water cycle and how it's affected
- Geo engineering, study more about climate change meaning and events
- Everything I didn't know in this survey. Chemical and Physical foundations of all of the above. Climate Adaption.

Topics of interest

- I basically want to understand and get real firm in discussing the basic processes of climate change as a foundation and argumentation for the transformation I aim to participate in and learn about in my main field of study, transportation.
- Industry impact on climate change, how do we humans can do in our daily lives to slow down, how to avoid green-washing and make a real impact as a worker.
- Tipping points, effective climate policies, greenwashing
- Effects on climate change on various regions (e.g. polar, CH, oceans etc.), climate change consequences for humans, vegetation and animals, underlying mechanisms that drive climate change from a physical/chemical point of view
- Solutions we have to find, more about consequences of climate change and how to deal with the climate in the future
- climate engineering, mitigation methods
- warming potential of different GHG, climate engineering
- Changes in Gulf stream, wind-streams,....
- Natural disasters prevention
- practical solutions or developments that could help to solve climate change, how rising sea levels, desertification, and extreme weather could reshape migration flows, prediction and measurement and maybe also topics that are in the news to make it even more practical.
- 1) How to come up with innovative solutions to reduce the damage that has already been created by the human species
- 2) What way can science be communicated so policy makers grasp the severeness of consequences by climate change