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## What Is Climate Change and What Are Its Consequences?

Through engaging with sacred texts, climate activists, discussion and reflection on the topic of climate change and eco-faith, our vision is that we will better understand our critical role in education, public witness and advocacy.

### Session 1 of "BEGINNER'S GUIDE TO CREATION CARE AND THE CLIMATE CRISIS"

*I. Climate change is already leading to an increase in severe weather events.*



Photo by Peter Buschmann, United States Forest Service USDA from Wikimedia Commons

Tree ridge in flames during the 2018 Woolsey Fire, California, US



Photo by R. Mariner from Houston, USA from Wikimedia Commons [CC BY 2.0](#)

Hurricane/Tropical Storm Harvey in Houston - August 27 2017

*II. Even meeting the Paris Climate Accord objectives would not prevent devastating climate change effects.*



Photo by UNclimatechange from Bonn, Germany from Wikimedia Commons [CC BY 2.0](#)

Plenary session of the COP21 for the adoption of the Paris Accord, United Nations Climate Change Conference (Paris, Le Bourget).



Photo by Dikaseva unsplash.com/@dikaseva from Wikimedia Commons [CC0 1.0](#)

Kota Garut, Indonesia



# Session 1 of "BEGINNER'S GUIDE TO CREATION CARE AND THE CLIMATE CRISIS"

*"In the Arctic, summers are likely to be nearly ice-free, which would strongly affect atmospheric circulation throughout the Earth. The Arctic would shift to a weather system dominated by rain rather than snow, disrupting its ecological balance and producing mass die-offs of wildlife." —John Horsley, Ph.D.*

## III. Current trends will lead to extreme suffering and millions of climate refugees.



Photo by Andreas Weith from Wikimedia Commons [CC BY-SA 4.0](#)

In summer, some polar bears do not make the transition from their winter residence on the Svalbard islands to the dense drift ice and pack ice of the high arctic where they would find a plethora of prey. This is due to global climate change which causes the ice around the islands to melt much earlier than previously.



Image from pxhere.com [CC 0.1.0](#)

Refugee

## IV. Attempts to lower global temperature by geoengineering would be risky.

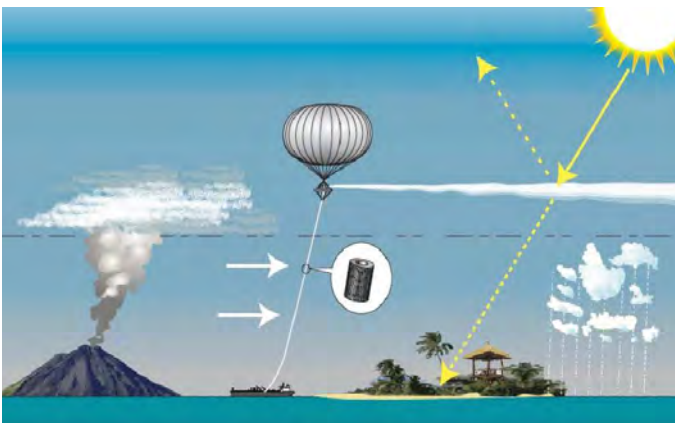


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The SPICE project will investigate the feasibility of one so-called geoengineering technique: the idea of simulating natural processes that release small particles into the stratosphere, which then reflect a few percent of incoming solar radiation, with the effect of cooling the Earth with relative speed.

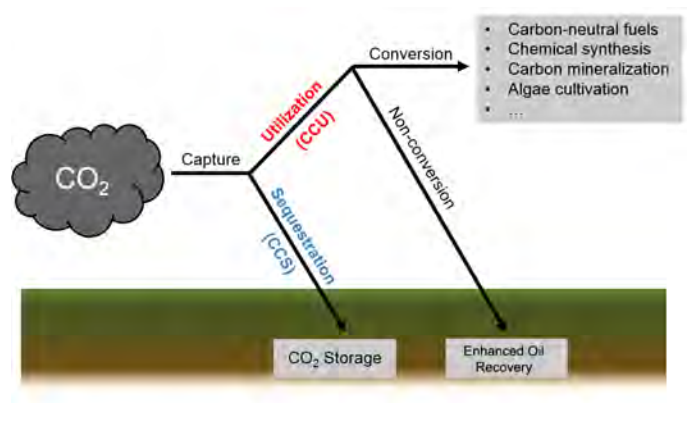


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Schematic diagram showing a comparison between sequestration and utilization of captured carbon.

For study guides and videos for each session:

[WWW.STBENSLOSOSOS.ORG/A-BEGINNERS-GUIDE-TO-CREATION-CARE-AND-THE-CLIMATE-CRISIS/](http://WWW.STBENSLOSOSOS.ORG/A-BEGINNERS-GUIDE-TO-CREATION-CARE-AND-THE-CLIMATE-CRISIS/)

